



















2020	On optimal solutions of general continuous-singular stochastic control problem of McKean-Vlasov type	Guenane L., Hafayed M., Meherrem S., Abbas S.	01704214	Mathematical Methods in the Applied Sciences	43	10	0	0	0	0	0	0	0	0	0	0	0
2020	Privacy-preserving authentication scheme for on-road on-demand refilling of pseudonym in VANET	Benarous L., Kadri B., Bitam S., Mellouk A.	10745351	International Journal of Communication Systems	33	10	0	0	0	0	0	0	0	1	1	0	1
2020	U2RV: UAV-assisted reactive routing protocol for VANETs	Sami Oubbati O., Chaib N., Lakas A., Bitam S., Lorenz P.	10745351	International Journal of Communication Systems	33	10	0	0	0	0	0	0	0	4	4	0	4
2020	Smart communications for autonomous systems in network technologies	Souih S., Bitam S., Mellouk A., Abreu T., Hoceini S., Fowler S., Medileh S., De S., Shami A.	10745351	International Journal of Communication Systems	33	10	0	0	0	0	0	0	0	0	0	0	0
2020	QSAR investigations and structure-based virtual screening on a series of nitrobenzoxadiazole derivatives targeting human glutathione-S-transferases	Almi I., Belaidi S., Zerroug E., Alloui M., Ben Said R., Linguerrri R., Hochlaf M.	00222860	Journal of Molecular Structure	1211		0	0	0	0	0	0	0	1	1	0	1







2020	The effectiveness of the choice of criteria on the stationary and non-stationary noise removal in the phonocardiogram (PCG) signal using discrete wavelet transform	Rouis M., Sbaa S., Benhassine N.E.	00135585	Biomedizinische Technik	65	3	0	0	0	0	0	0	0	0	0	0
2020	A Variable Speed Control of Permanent Magnet Synchronous Motor Without Current Sensors	Azzoug Y., Sahraoui M., Pusca R., Ameid T., Romary R., Cardoso A.J.M.		IEEE International Symposium on Industrial Electronics	2020-		0	0	0	0	0	0	0	0	0	0
2020	Modelling and optical response of a compressive-strained AlGaIn/GaN quantum well laser diode	Menani A., Dehimi L., Dehimi L., Dehimi S., Pezzimenti F.	16744926	Journal of Semiconductors	41	6	0	0	0	0	0	0	0	0	0	0
2020	Hardware implementation of an improved control strategy for battery-supercapacitor hybrid system in electric vehicles	Sellali M., Betka A., Drid S., Djerdir A., Malik O.P.	20429738	IET Electrical Systems in Transportation	10	2	0	0	0	0	0	0	0	0	0	0
2020	An optimized Graphene/4H-SiC/Graphene MSM UV-photodetector operating in a wide range of temperature	Bencherif H., Dehimi L., Messina G., Vincent P., Pezzimenti F., Corte F.G.D.	09244247	Sensors and Actuators, A: Physical	307		0	0	0	0	0	0	1	1	0	1













2020	Effect of Annealing on the Dark and Illuminated I(V) Characterization of a ZnO:Ga Cu<sup>2</sup>/inf>O Hetero-Junction Prepared by Ultrasonic Spray System	Trir H., Radjeji L., Sengouga N., Tibermacine T., Arab L., Filali W., Abdelkader D., Attaf N.	10637826	Semiconductors	54	5	0	0	0	0	0	0	0	0	0	0
2020	Deep random forest for facial age estimation based on face images	Guehairia O., Ouamane A., Dornaika F., Taleb-Ahmed A.		CCSSP 2020 - 1st International Conference on Communications, Control Systems and Signal Processing			0	0	0	0	0	0	0	0	0	0
2020	Post Prognostic Decision for Predictive Maintenance Planning with Remaining Useful Life Uncertainty	Benaggoune K., Meraghni S., Ma J., Mouss L.H., Zerhouni N.		Proceedings - 2020 Prognostics and Health Management Conference, PHM-Besancon 2020			0	0	0	0	0	0	0	0	0	0
2020	Differentiation of Blastocystis and parasitic archamoebids encountered in untreated wastewater samples by amplicon-based next-generation sequencing	Stensvold C.R., Lebbad M., Hansen A., Beser J., Belkessa S., O'Brien Andersen L., Clark C.G.	24056731	Parasite Epidemiology and Control	9		0	0	0	0	0	0	1	1	0	1
2020	Daylight: What makes the difference?	Knoop M., Stefani O., Bueno B., Matusiak B., Hobday R., Wirz-Justice A., Martiny K., Kantermann T., Aarts M.P.J., Zemmouri N., Appelt S., Norton B.	14771535	Lighting Research and Technology	52	3	0	0	0	0	0	0	7	7	0	7







2020	Zn-Al layered double hydroxide: Synthesis, characterization and application for orthophosphates ions adsorption in aqueous medium	Rouahna N., Ouakouak A., Barkat D., Srasra E.	20531591	Materials Research Express	7	4	0	0	0	0	0	0	0	0	0	0	0
2020	Undrained Bearing Capacity of Strip Footings Under Inclined Load on Non-homogeneous Clay Underlain by a Rough Rigid Base	Ouahab M.Y., Mabrouki A., Frank R., Mellas M., Benmeddour D.	09603182	Geotechnical and Geological Engineering	38	2	0	0	0	0	0	0	0	0	0	0	0
2020	An efficient hybrid solar and electromagnetic harvesting system for autonomous operation of small sensors	Meddour F., Bencherif H., Boukarkar A., Abdi M.A., Amir M.	00304026	Optik	208		0	0	0	0	0	0	0	1	1	0	1
2020	Tube hydroforming optimization using a surrogate modeling approach and Genetic Algorithm	Chebbah M.-S., Lebaal N.	15376494	Mechanics of Advanced Materials and Structures	27	6	0	0	0	0	1	1	1	3	0	3	
2020	Solvent extraction studies of nickel(II) by capric acid from sodium sulfate solution	Benalia H., Barkat D.	00986445	Chemical Engineering Communications	207	3	0	0	0	0	0	0	2	2	0	2	











2020	[Modeling of asphaltic concrete facing (raw and protected), under thermal solicitations in transient regime. Case of Ghrib dam asphaltic concrete facing (Ain Defla, Algeria), Modélisation d'un masque en béton bitumineux (brut et protégé) sous sollicitations thermiques en régime transitoire. cas du masque de barrage Ghrib (Ain Defla, Algérie)]	Chebbah L., Djemili L., Bouziane M.T., Chiblak M.	00186368	Houille Blanche	2020-	1	0	0	0	0	0	0	0	0	0	0
2020	Improving robots swarm aggregation performance through the Minkowski distance function	Khalidi B., Harrou F., Cherif F., Sun Y.		2020 6th International Conference on Mechatronics and Robotics Engineering, ICMRE 2020			0	0	0	0	0	0	0	0	0	0
2020	Analysis of the Electrical Characteristics of Mo/4H-SiC Schottky Barrier Diodes for Temperature-Sensing Applications	Zeghdar K., Dehimi L., Pezzimenti F., Megherbi M.L., Della Corte F.G.	03615235	Journal of Electronic Materials	49	2	0	0	0	0	0	0	0	0	0	0
2020	Stability of McKean-Vlasov stochastic differential equations and applications	Bahlali K., Mezerdi M.A., Mezerdi B.	02194937	Stochastics and Dynamics	20	1	0	0	0	0	0	0	0	0	0	0
2020	Assessment of the outdoor thermal comfort in oases settlements	Matallah M.E., Alkama D., Ahriz A., Attia S.	20734433	Atmosphere	11	2	0	0	0	0	0	0	1	1	0	1











2020	On the singular risk-sensitive stochastic maximum principle	Chala A.	00207179	International Journal of Control			0	0	0	0	0	0	0	0	0	0
2020	Mobile agent and ontology approach for web service discovery using QoS	Seghier N.B., Kazar O.	17550556	International Journal of Reasoning-based Intelligent Systems	12	1	0	0	0	0	0	0	0	0	0	0
2020	An encryption algorithm for grey-scale image based on bit-plane decomposition and diffuse representation	Houas A., Rezki B., Mokhtari Z.	09720529	Journal of Discrete Mathematical Sciences and Cryptography			0	0	0	0	0	0	0	0	0	0
2020	Phase structure, microstructure and electrical properties of PCNS–PZ–PT ternary ceramics near the morphotropic phase boundary	Meklid A., Hachani S.E., Necira Z., Menasra H., Abba M., Boutarfaia A.	09478396	Applied Physics A: Materials Science and Processing	126	1	0	0	0	0	0	0	0	0	0	0
2020	Experimental investigation on heat transfer coefficient and thermal efficiency of solar air heaters having different baffles	Bensaci C.-E., Moumni A., Labed A.	18653529	Green Energy and Technology			0	0	0	0	0	0	1	1	0	1





















2020	Spitzoid lesions diagnosis based on SMOTE-GA and stacking methods	Belaala A., Terrissa L.S., Zerhouni N., Devalland C.	21945357	Advances in Intelligent Systems and Computing	1103		0	0	0	0	0	0	1	1	0	1
2020	Unsupervised Feature Reduction Techniques with Bidirectional GRU Neural Network for Aircraft Engine RUL Estimation	Remadna I., Terrissa S.L., Zemouri R., Ayad S., Zerhouni N.	21945357	Advances in Intelligent Systems and Computing	1105		0	0	0	0	0	0	1	1	0	1
2020	A new approach agent-based for distributing association rules by business to improve decision process in ERP systems	Zoubeidi M., Kazar O., Benharzallah S., Mesbahi N., Merizig A., Rezki D.	17567017	International Journal of Information and Decision Sciences	12	1	0	0	0	0	0	0	0	0	0	0
2020	In silico evaluation of phenolic compounds as inhibitors of A-amylase and A-glucosidase	Abdelli I., Benariba N., Adjdjir S., Fekhikher Z., Daoud I., Terki M., Benramdane H., Ghalem S.	07391102	Journal of Biomolecular Structure and Dynamics			0	0	0	0	0	0	1	1	0	1
2020	Effect of acceptor and donor dopants (Na, Y) on the microstructure and dielectric characteristics of high Curie point PZT-modified ceramics	Khacheba M., Abdessalem N., Hamdi A., Khemakhem H.	09574522	Journal of Materials Science: Materials in Electronics	31	1	0	0	0	0	0	0	3	3	0	3









2020	New Method to Reduce Verification Time of Reconfigurable Real-Time Systems Using R-TNCESS Formalism	Hafidi Y., Kahloul L., Khalgui M., Ramdani M.	18650929	Communications in Computer and Information Science	1172			0	0	0	0	0	0	0	0	0	0
2020	Machine learning techniques for breast cancer diagnosis: Literature review	Houfani D., Slatnia S., Kazar O., Zerhouni N., Merzig A., Saouli H.	21945357	Advances in Intelligent Systems and Computing	1103			0	0	0	0	0	0	0	0	0	0
2020	Geochemical characterization of the salinity of irrigated soils in arid regions (Biskra, SE Algeria)	Abdenmour M.A., Douaoui A., Barrena J., Pulido M., Bradai A., Bennacer A., Piccini C., Alfonso-Torreno A.	20960956	Acta Geochimica				0	0	0	0	0	0	0	0	0	0
2020	A weighted exponential discriminant analysis through side-information for face and kinship verification using statistical binarized image features	Laiadi O., Ouamane A., Benakcha A., Taleb-Ahmed A., Hadid A.	18688071	International Journal of Machine Learning and Cybernetics				0	0	0	0	0	0	0	0	0	0
2020	Mesoporous silica synthesized from natural local kaolin as an effective adsorbent for removing of Acid Red 337 and its application in the treatment of real industrial textile effluent	Slatni I., Elberrichi F.Z., Duplay J., Fardjaoui N.E.H., Guendouzi A., Guendouzi O., Gasmil B., Akbal F., Rekkab I.	09441344	Environmental Science and Pollution Research				0	0	0	0	0	0	2	2	0	2



2020	A comparative study of human facial age estimation: handcrafted features vs. deep features	Bekhouche S., Dornaika F., Benlamoudi A., Ouafi A., Taleb-Ahmed A.	13807501	Multimedia Tools and Applications			0	0	0	0	0	0	0	0	0	0
2020	Toeplitz operators with radial symbols on bergman space and schatten-von neumann classes	Bendaoud Z., Kupin S., Toumache K., Toure B., Zarouf R.	18129471	Journal of Mathematical Physics, Analysis, Geometry	16	1	0	0	0	0	0	0	0	0	0	0
2019	Effects of high- K gate dielectrics on the electrical performance and reliability of an amorphous indium-Tin-zinc-oxide thin film transistor (a-ITZO TFT): An analytical survey	Taouririt T.E., Meftah A., Sengouga N., Adaika M., Chala S., Meftah A.	20403364	Nanoscale	11	48	0	0	0	0	0	0	2	2	0	2
2019	Relation between phlebotomine sand flies composition and the occurrence of leishmaniasis in Pre-Saharan region, Biskra Algeria	Zeroual S., Gaouaoui R., Aissaoui L., Boudjelida H.	03789519	Journal of Entomological Research	43	4	0	0	0	0	0	0	0	0	0	0
2019	Free Vibration of Thermally Stressed Angle-Ply Laminated Composite Using First-Order Shear Deformation Theory Model with Assumed Natural Shear Strain	Tati A., Bouadjadja S., Bada Y.	22500545	Journal of The Institution of Engineers (India): Series C	100	6	0	0	0	0	0	0	1	1	0	1



2019	Sensitivity of the Stability Bound for Ruin Probabilities to Claim Distributions	Bareche A., Cherfaoui M.	13875841	Methodology and Computing in Applied Probability	21	4	0	0	0	0	0	0	0	1	1	0	1
2019	Irrigation problem in Ziban oases (Algeria): causes and consequences	Benziouche S.E., Chehat F.	1387585X	Environment, Development and Sustainability	21	6	0	0	0	0	0	0	0	0	0	0	0
2019	Modeling energy bands in Type II superlattices	Becer Z., Bennecer A., Sengouga N.	20734352	Crystals	9	12	0	0	0	0	0	0	0	0	0	0	0
2019	Mobile robot visual navigation based on fuzzy logic and optical flow approaches	Nadour M., Boumehraz M., Cherroun L., Puig V.	09756809	International Journal of Systems Assurance Engineering and Management	10	6	0	0	0	0	0	0	0	0	0	0	0
2019	Fuzzy-Super twisting control implementation of battery/super capacitor for electric vehicles	Sellali M., Abdeddaim S., Betka A., Djerdir A., Drid S., Tiar M.	00190578	ISA Transactions	95		0	0	0	0	0	0	5	5	1	6	













2019	Global assessment about the different conditions of rotor eccentricity fault in the induction motors	Bousseksou R., Bessous N., Allag A., Sbaa S.		2019 8th International Conference on Systems and Control, ICSC 2019			0	0	0	0	0	0	0	0	0	0
2019	Ontology based approach for representing the learner profile and learning styles	Bourekache S., Kazar O., Abik M., Tigane S., Kahloul L.		2019 3rd International Conference on Intelligent Computing in Data Sciences, ICDS 2019			0	0	0	0	0	0	1	1	0	1
2019	An Emotional Feedback Based on Facial Action Coding System for MOOCs with Computer-Based Assessment	Soltani M., Zarzour H., Babahenini M.C., Hammad M., Al-Smadi M., Jararweh Y.		2019 6th International Conference on Social Networks Analysis, Management and Security, SNAMS 2019			0	0	0	0	0	0	0	0	0	0
2019	A new flavanone sulfonate and other phenolic compounds from Fumana montana	Laraoui H., Haba H., Long C., Benkhaled M.	03051978	Biochemical Systematics and Ecology	86		0	0	0	0	0	0	0	0	0	0
2019	Can palm date plantations and oasisification be used as a proxy to fight sustainably against desertification and sand encroachment in hot drylands?	Mihi A., Tarai N., Chenchouni H.	1470160X	Ecological Indicators	105		0	0	0	0	2	1	4	7	0	7

2019	Hardware Implementation of Modified Backstepping Control for Sensorless Induction Motor Drive	Ameid T., Talhaoui H., Ammar A., Azzoug Y., Pusca R., Romary R., Lecointe J.-P.		IECON Proceedings (Industrial Electronics Conference)	2019-		0	0	0	0	0	0	1	1	0	1
2019	Reconfigurable hierarchical timed automata: Modeling and stochastic verification	Bettira R., Kahloul L., Khalgui M., Li Z.	1062922X	Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics	2019-		0	0	0	0	0	1	1	2	0	2
2019	Iron doping $\text{SnO}_2$ thin films prepared by spray with moving nozzle: Structural, morphological, optical, and type conductivities	Segueni L., Rahal A., Benhaoua B., Allag N., Benhaoua A., Aida M.S.	18423582	Digest Journal of Nanomaterials and Biostructures	14	4	0	0	0	0	0	0	0	0	0	0
2019	Morpho-molecular characterization of <i>Ditylenchus gigas</i> and <i>D. oncogenus</i> parasitizing broad bean, <i>Vicia faba</i> , in Algeria	Saadi I., De Luca F., Fanelli E., Troccoli A., Greco N., Benbouza H.	09291873	European Journal of Plant Pathology	155	2	0	0	0	0	0	0	0	0	0	0
2019	Virtual screening in drug-likeness and structure/activity relationship of pyridazine derivatives as Anti-Alzheimer drugs	Zerroug A., Belaidi S., BenBrahim I., Sinha L., Chtita S.	10183647	Journal of King Saud University - Science	31	4	0	0	0	0	0	2	3	5	0	5







2019	DFT-based reactivity and combined QSAR, molecular docking of 1,2,4,5-Tetrazine derivatives as inhibitors of Pim-1 kinase	Hazhazi H., Melkemi N., Salah T., Bouachrine M.	24058440	Heliyon	5	9	0	0	0	0	0	0	0	1	1	0	1
2019	IDSP: A New Identity-Based Security Protocol for Cluster-Based Wireless Sensor Networks	Mezrag F., Bitam S., Mellouk A.		IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC	2019-		0	0	0	0	0	0	0	0	0	0	0
2019	Broken rotor bar fault diagnostic for DTC fed induction motor using stator instantaneous complex apparent power envelope signature analysis	Salah L., Adel G., Khaled K., Ahmed B., Issam A.	20888694	International Journal of Power Electronics and Drive Systems	10	3	0	0	0	0	0	0	0	2	2	0	2
2019	A Single Observer for Currents Estimation in Sensor's Fault-Tolerant Control of Induction Motor Drives	Azzoug Y., Pusca R., Sahraoui M., Ammar A., Romary R., Marques Cardoso A.J.		Proceedings - 2019 3rd International Conference on Applied Automation and Industrial Diagnostics, ICAAID 2019			0	0	0	0	0	0	0	1	1	0	1
2019	Reconfigurable GSPNs: A modeling formalism of evolvable discrete-event systems	Tigane S., Kahloul L., Benharzallah S., Baarir S., Bouekkache S.	01676423	Science of Computer Programming	183		0	0	0	0	0	0	0	2	2	1	3

2019	A portable breast cancer detection system based on smartphone with infrared camera	Ma J., Shang P., Lu C., Meraghni S., Benagoune K., Zuluaga J., Zerhouni N., Devalland C., Masry Z.A.	23450533	Vibroengineering Procedia	26		0	0	0	0	0	0	1	1	0	1
2019	New approach to optimal control of stochastic Volterra integral equations	Agram N., Oksendal B., Yakhlef S.	17442508	Stochastics	91	6	0	0	0	0	0	1	1	2	1	3
2019	Comparative bioclimatic approach for comfort and passive heating and cooling strategies in Algeria	Semahi S., Zemmouri N., Singh M.K., Attia S.	03601323	Building and Environment	161		0	0	0	0	0	0	6	6	1	7
2019	QSAR Modeling and Drug-Likeness Screening for Antioxidant Activity of Benzofuran Derivatives	Boudergua S., Alloui M., Belaidi S., Al Mogren M.M., Ellatif Ibrahim U.A.A., Hochlaf M.	00222860	Journal of Molecular Structure	1189		0	0	0	0	0	0	5	5	0	5
2019	The influence of sand nature on the residual physical and mechanical properties of concrete after exposure to elevated temperature	Hachemi S., Ounis A.	19648189	European Journal of Environmental and Civil Engineering	23	8	0	0	0	0	1	0	0	1	0	1

2019	Direct seeding mulch-based cropping systems associated with grazing as an alternative to conventional farming systems in the Algerian steppes	Bendaoud A., Masmoudi A.	13079867	EurAsian Journal of BioSciences	13	2	0	0	0	0	0	0	0	0	0	0	0
2019	Improvement of the CIGS solar cell performance: structure based on a ZnS buffer layer	Tobbeche S., Kalache S., Elbar M., Kateb M.N., Serdouk M.R.	03068919	Optical and Quantum Electronics	51	8	0	0	0	0	0	0	3	3	0	3	
2019	Wind energy conversion system based on dual stator induction generator controlled by nonlinear backstepping and pi controllers	Benakcha M., Benalia L., Ammar A., Bourek A.	09756809	International Journal of Systems Assurance Engineering and Management	10	4	0	0	0	0	0	1	0	1	0	1	
2019	A multivariate approach for the ampelographic characterizations of Algerian grapevine genotypes (Vitis vinifera L.): Insights into conservation and commercialization	Bounab O., Laiadi Z.	02546299	South African Journal of Botany	124		0	0	0	0	0	0	0	0	0	0	
2019	A robust extended $H_{\infty}$ observer based on the mean value theorem designed for induction motor drives	Zeghib O., Allag A., Allag M., Hamidani B.	09756809	International Journal of Systems Assurance Engineering and Management	10	4	0	0	0	0	0	1	0	1	0	1	



2019	Bearing Faults Classification Based on Variational Mode Decomposition and Artificial Neural Network	Guedidi A., Guettaf A., Cardoso A.J.M., Laala W., Arif A.		Proceedings of the 2019 IEEE 12th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives, SDEMPED 2019			0	0	0	0	0	0	0	0	0	0
2019	Towards 5G wireless systems: A modified Rake receiver for UWB indoor multipath channels	Ghendir S., Sbaa S., Al-Sherbaz A., Ajgou R., Chems A.	18744907	Physical Communication	35		0	0	0	0	0	1	1	2	0	2
2019	Dynamic behavior analysis under a grid fault scenario of a 2 MW double fed induction generator-based wind turbine: comparative study of the reference frame orientation approach	Cheikh R., Belmili H., Menacer A., Drid S., Chrifi-Alaoui L.	09756809	International Journal of Systems Assurance Engineering and Management	10	4	0	0	0	0	0	0	0	0	0	0
2019	Design and Experimental Investigation of Predictive Direct Power Control of Three-Phase Shunt Active Filter with Space Vector Modulation using Anti-windup PI Controller Optimized by PSO	Krama A., Zellouma L., Benaissa A., Rabhi B., Bouzidi M., Benkhoris M.F.	2193567X	Arabian Journal for Science and Engineering	44	8	0	0	0	0	0	0	3	3	0	3
2019	Fusion of transformed shallow features for facial expression recognition	Bougourzi F., Mokrani K., Ruichek Y., Dornaika F., Ouafi A., Taleb-Ahmed A.	17519659	IET Image Processing	13	9	0	0	0	0	0	0	1	1	0	1



2019	Green synthesis of zno nanoparticles using phoenix dactylifera. L leaf extract: Effect of zinc acetate concentration on the type of product	Barani D., Benhaoua B., Laouini S.E., Bentemam H., Allag N., Berra D., Guerram A.	18423582	Digest Journal of Nanomaterials and Biostructures	14	3	0	0	0	0	0	0	0	0	0	0	0
2019	Chemical composition and biological activities of Algerian Santolina africana essential oil	Boudjedjou L., Ramdani M., Zeraib A., Benmeddour T., Fercha A.	24682276	Scientific African	4		0	0	0	0	0	0	3	3	0	3	
2019	Hybrid type-2 fuzzy logic obstacle avoidance system based on horn-schunck method	Nadour M., Boumeiraz M., Cherroun L., Puig V.	15825175	EEA - Electrotehnica, Electronica, Automatica	67	3	0	0	0	0	0	0	0	0	0	0	0
2019	Reputation evaluation with malicious feedback prevention using a HITS-based model	Tibermacine O., Tibermacine C., Kerdoudi M.L.		Proceedings - 2019 IEEE International Conference on Web Services, ICWS 2019 - Part of the 2019 IEEE World Congress on Services			0	0	0	0	0	0	0	0	0	0	0
2019	Predictive direct torque control with reduced ripples for induction motor drive based on T-S fuzzy speed controller	Ammar A., Talbi B., Ameid T., Azzoug Y., Kerrache A.	15618625	Asian Journal of Control	21	4	0	0	0	0	0	1	1	2	0	2	

2019	An intelligent cloud data protection technique based on multi agent system using advanced cryptographic algorithms	Yagoub M.A., Laouid A., Bounceur A., Alshaikh M.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0	0	0	0
2019	A comparative analysis of adaptive consistency approaches in cloud storage	Khelaifa A., Benharzallah S., Kahloul L., Euler R., Laouid A., Bounceur A.	07437315	Journal of Parallel and Distributed Computing	129		0	0	0	0	0	3	2	5	0	5
2019	Novel control implementation for electric vehicles based on fuzzy -back stepping approach	Sellali M., Betka A., Drid S., Djerdir A., Allaoui L., Tiar M.	03605442	Energy	178		0	0	0	0	0	2	4	6	0	6
2019	Kinship verification from face images in discriminative subspaces of color components	Laiadi O., Ouamane A., Boutellaa E., Benakcha A., Taleb-Ahmed A., Hadid A.	13807501	Multimedia Tools and Applications	78	12	0	0	0	0	0	1	1	2	0	2
2019	Simulation of the influence of the gate dielectric on amorphous indium-gallium-zinc oxide thin-film transistor reliability	Labed M., Sengouga N.	15698025	Journal of Computational Electronics	18	2	0	0	0	0	0	0	2	2	0	2

2019	Accurate, dense and shading-aware multi-view stereo reconstruction using metaheuristic optimization	Saouli A., Babahenini M.C., Medjram S.	13807501	Multimedia Tools and Applications	78	11	0	0	0	0	0	0	0	0	0	0
2019	Creep and hardening behavior of 6101 aluminum alloy manufactured by wiredrawing process	Bettayeb S., Boumerzoug Z., Saib C.	17085284	World Journal of Engineering	16	4	0	0	0	0	0	0	0	0	0	0
2019	Biomimetic: a new strategy for a passive sustainable ventilation system design in hot and arid regions	Khelil S., Zemmouri N.	17351472	International Journal of Environmental Science and Technology	16	6	0	0	0	0	0	0	0	0	0	0
2019	Transition width effect on optical characterizations of ZnO thin films deposited by spray ultrasonic	Benramache S., Aoun Y., Charef A., Benhaoua B., Lakel S.	24701556	Inorganic and Nano-Metal Chemistry	49	6	0	0	0	0	0	0	2	2	0	2
2019	Numerical Analysis of Stress Concentration in Isotropic and Laminated Plates with Inclined Elliptical Holes	Khechai A., Tati A., Belarbi M.O., Guettala A.	22500545	Journal of The Institution of Engineers (India): Series C	100	3	0	0	0	0	0	0	1	1	0	1



2019	Multiobjective optimization of design of 4h-sic power mosfets for specific applications	Bencherif H., Dehimi L., Pezzimenti F., de Martino G., della Corte F.G.	03615235	Journal of Electronic Materials	48	6	0	0	0	0	0	0	2	8	10	0	10
2019	Simulation study for the current matching optimization in $\ln_{0.48}/\text{Ga}_{0.52}/\text{N}_{0.74}/\text{Ga}_{0.26}/\text{N}$ dual junction solar cells	Marouf Y., Dehimi L., Pezzimenti F.	07496036	Superlattices and Microstructures	130		0	0	0	0	0	0	1	6	7	0	7
2019	Mixed Alkaline Effect in Antimony-Based Glasses	Kubliha M., Maache D., Bosak O., Minarik S., Trnovcova V., Lukic-Petrovic S., Soltani M.T.	10231935	Russian Journal of Electrochemistry	55	6	0	0	0	0	0	0	0	0	0	0	0
2019	Effect of Boundary Conditions on the Behavior of Stiffened and Un-Stiffened Cylindrical Shells	Temami O., Ayoub A., Hamadi D., Bennoui I.	15982351	International Journal of Steel Structures	19	3	0	0	0	0	0	0	0	1	1	0	1
2019	A novel rooted tree optimization apply in the high order sliding mode control using super-twisting algorithm based on DTC scheme for DFIG	Benamor A., Benchouia M.T., Srairi K., Benbouzid M.E.H.	01420615	International Journal of Electrical Power and Energy Systems	108		0	0	0	0	0	0	4	2	6	1	7

2019	Shear behavior of geotextile-reinforced Chlef sand in the Mediterranean region: Laboratory investigation	Denine S., Della N., Feia S., Muhammed R.D., Canou J., Dupla J.-C.	1064119X	Marine Georesources and Geotechnology	37	5	0	0	0	0	0	0	0	1	1	0	1
2019	Synthesis, Luminescence, and Energy Transfer Properties of $\text{YPO}_4$ : $\text{Gd}^{3+}$ , $\text{Eu}^{3+}$ and $\text{YPO}_3$ : $\text{O}^{9-}$ : $\text{Sm}^{3+}$ and $\text{Eu}^{3+}$ Phosphors	Hachani S., Guerbous L.	10530509	Journal of Fluorescence	29	3	0	0	0	0	0	0	0	0	0	0	0
2019	Effects of heat treatment and addition of small amounts of Cu and Mg on the microstructure and mechanical properties of Al-Si-Cu and Al-Si-Mg cast alloys	Beroual S., Boumerzoug Z., Paillard P., Borjon-Piron Y.	09258388	Journal of Alloys and Compounds	784		0	0	0	0	0	3	14	17	0	17	
2019	Dynamic risk measure for BSVIE with jumps and semimartingale issues	Agram N.	07362994	Stochastic Analysis and Applications	37	3	0	0	0	0	0	0	2	2	0	2	
2019	Maximum principle for optimal control of McKean-Vlasov FBSDEs with Lévy process via the differentiability with respect to probability law	Meherrem S., Hafayed M.	01432087	Optimal Control Applications and Methods	40	3	0	0	0	0	0	0	2	2	0	2	



2019	Effect of ZnO on physical properties of Sb <sub>2</sub> O <sub>3</sub> -PbO-ZnO system	El Abdi R., Nouadji M., Poulain M.		2019 Photonics North, PN 2019			0	0	0	0	0	0	0	0	0	0
2019	Kinship verification based deep and tensor features through extreme learning machine	Laiadi O., Ouamane A., Benakcha A., Taleb-Ahmed A., Hadid A.		Proceedings - 14th IEEE International Conference on Automatic Face and Gesture Recognition, FG 2019			0	0	0	0	0	0	1	1	0	1
2019	Temperature and SiO <sub>2</sub> /4H-SiC interface trap effects on the electrical characteristics of low breakdown voltage MOSFETs	Bencherif H., Dehimi L., Pezzimenti F., Corte F.G.D.	09478396	Applied Physics A: Materials Science and Processing	125	5	0	0	0	0	0	4	9	13	0	13
2019	An optimized perovskite solar cell designs for high conversion efficiency	Hima A., Lakhdar N., Benhaoua B., Saadoune A., Kemerchou I., Rogti F.	07496036	Superlattices and Microstructures	129		0	0	0	0	0	2	9	11	0	11
2019	A new rooted tree optimization algorithm for indirect power control of wind turbine based on a doubly-fed induction generator	Benamor A., Benchouia M.T., Srairi K., Benbouzid M.E.H.	00190578	ISA Transactions	88		0	0	0	0	0	0	3	3	0	3

2019	Two-stages based facial demographic attributes combination for age estimation	ZigheM M.-E.-E., Ouafi A., Zitouni A., Ruichek Y., Taleb-Ahmed A.	10473203	Journal of Visual Communication and Image Representation	61		0	0	0	0	0	1	2	3	0	3
2019	Multilinear Enhanced Fisher Discriminant Analysis for robust multimodal 2D and 3D face verification	Bessaoudi M., Belahcene M., Ouamane A., Chouchane A., Bourennane S.	0924669X	Applied Intelligence	49	4	0	0	0	0	0	2	2	4	0	4
2019	Numerical Simulation on Thickness Dependency and Bias Stress Test of Ultrathin IGZO Thin-Film Transistors Via a Solution Process	Labeled M., Sengouga N., Kim K.H., Rim Y.S.	18626300	Physica Status Solidi (A) Applications and Materials Science	216	7	0	0	0	0	0	0	1	1	0	1
2019	Simulation of the effect of deep defects created by hydrogen on the performance of amorphous indium gallium zinc oxide thin film transistor (a-IGZO TFT)	Labeled M., Sengouga N., Meftah Af.	20531591	Materials Research Express	6	7	0	0	0	0	0	1	0	1	0	1
2019	Er-doped antimonite $Sb_2O_3-PbO-ZnO/ZnS$ glasses studied by low-temperature photoluminescence spectroscopy	Kostka P., Ivanova Z.G., Nouadji M., Cernoskova E., Zavadil J.	09258388	Journal of Alloys and Compounds	780		0	0	0	0	0	2	3	5	0	5



2019	A full comparison study of service discovery approaches for internet of things	Aziez M., Benharzallah S., Bennoui H.	17427371	International Journal of Pervasive Computing and Communications	15	1	0	0	0	0	0	0	0	0	0	0
2019	Detection and SVM classification of broken rotor bars Fault in induction motor using WPA	Djalel D., Yahia K., Mostefa Mohamed T., Hichem M., Khouloud B.		2019 6th International Conference on Control, Decision and Information Technologies, CoDIT 2019			0	0	0	0	0	0	0	0	0	0
2019	The utilization of waste marble dust as a cement replacement in air-cured mortar	Seghir N.T., Mellas M., Sadowski L., Krolicka A., Zak A., Ostrowski K.	20711050	Sustainability (Switzerland)	11	8	0	0	0	0	0	2	5	7	0	7
2019	Simulated Contrast of Two Dislocations	Ledra M., El Hdiy A.	10637826	Semiconductors	53	4	0	0	0	0	0	0	0	0	0	0
2019	Improving the efficiency of a-Si:H/c-Si thin heterojunction solar cells by using both antireflection coating engineering and diffraction grating	Bencherif H., Dehimi L., Pezzimenti F., Della Corte F.G.	00304026	Optik	182		0	0	0	0	0	3	14	17	0	17

2019	Energy quality improvement of three-phase shunt active power filter under different voltage conditions based on predictive direct power control with disturbance rejection principle	Ouchen S., Gaubert J.-P., Steinhart H., Betka A.	03784754	Mathematics and Computers in Simulation	158		0	0	0	0	0	1	3	4	0	4
2019	Electron and hole transport layers optimization by numerical simulation of a perovskite solar cell	Azri F., Meftah A., Sengouga N., Meftah A.	0038092X	Solar Energy	181		0	0	0	0	0	9	17	26	0	26
2019	Synthesis, characterization, and electrocatalytic properties of La <sub>0.9</sub> Sr <sub>0.1</sub> Cr <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> perovskite oxides	Makhloufi S., Omari E., Omari M.	25101560	Journal of the Australian Ceramic Society	55	1	0	0	0	0	0	0	1	1	0	1
2019	The Effect of Curing Conditions on the Properties of Cement-Based Composites Blended with Waste Marble Dust	Toubal Seghir N., Mellas M., Sadowski L., Krolicka A., Zak A.	10474838	JOM	71	3	0	0	0	0	0	2	2	4	0	4
2019	A new block matching algorithm based on stochastic fractal search	Betka A., Terki N., Toumi A., Hamiane M., Ourchani A.	0924669X	Applied Intelligence	49	3	0	0	0	0	0	0	1	1	0	1

2019	Hierarchical convolutional features for visual tracking via two combined color spaces with SVM classifier	Touil D.E., Terki N., Medouakh S.	18631703	Signal, Image and Video Processing	13	2	0	0	0	0	0	0	1	2	3	0	3
2019	Off-line Arabic handwriting recognition system based on ML-LPQ and classifiers combination	Korichi A., Aiadi O., Khaldi B., Slatnia S., Kherfi M.L.		2018 International Conference on Signal, Image, Vision and their Applications, SIVA 2018			0	0	0	0	0	0	1	1	2	0	2
2019	Performance improvement of direct torque control for induction motor drive via fuzzy logic-feedback linearization: Simulation and experimental assessment	Ammar A.	03321649	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	38	2	0	0	0	0	0	0	7	5	12	0	12
2019	Performance and economic analysis of a single server feedback queueing model with vacation and impatient customers	Bouchentouf A.A., Cherfaoui M., Boualem M.	00303887	OPSEARCH	56	1	0	0	0	0	0	0	1	2	3	0	3
2019	A general maximum principle for mean-field forward-backward doubly stochastic differential equations with jumps processes	Hafayed D., Chala A.	09266364	Random Operators and Stochastic Equations	27	1	0	0	0	0	0	0	0	1	1	0	1

2019	High-performance active power filter implementation based on predictive current control	Rahimap B., Amar G., Toufik B.M., Mohamed C.	20888694	International Journal of Power Electronics and Drive Systems	10	1	0	0	0	0	0	0	1	4	5	0	5
2019	Mechanical, morphological, and thermal properties of poly(vinyl chloride)/low-density polyethylene composites filled with date palm leaf fiber	Maou S., Meghezzi A., Nebbache N., Meftah Y.	10835601	Journal of Vinyl and Additive Technology	25		0	0	0	0	0	0	0	1	1	0	1
2019	Bark resin of Schinus molle as an eco-friendly inhibitor for API 5L X70 pipeline steel in HCl medium	Taoui H., Bentrah H., Chala A., Djellab M.	09475117	Materials and Corrosion	70	3	0	0	0	0	0	0	0	2	2	0	2
2019	Skin effect based technique in eddy current non-destructive testing for thickness measurement of conductive material	Lakhdari A.E., Cheriet A., El-Ghoul I.N.	17518822	IET Science, Measurement and Technology	13	2	0	0	0	0	0	0	0	0	0	0	0
2019	Structural, optical, morphological and electrical properties of indium oxide thin films prepared by sol gel spin coating process	Yahia A., Attaf A., Saidi H., Dahnoun M., Khelifi C., Bouhdjer A., Saadi A., Ezzaouia H.	24680230	Surfaces and Interfaces	14		0	0	0	0	0	0	0	9	9	1	10

2019	Robotics based Solution for Data Center E-Monitoring	Terrissa L.S., Ayad S., Zerhouni N.		Proceedings of International Conference on Advanced Systems and Emergent Technologies, IC_ASET 2019			0	0	0	0	0	0	1	1	0	1
2019	Discussion of "Accurate and efficient explicit approximations of the colebrook flow friction equation based on the wright $\omega$ -function" by DejanBrkić; and Pavel Praks, Mathematics 2019, 7, 34; doi:10.3390/math7010034	Zeghadnia L., Achour B., Robert J.L.	22277390	Mathematics	7	3	0	0	0	0	0	1	0	1	0	1
2019	Statistical assessment of rainfall variability and trends in northeastern Algeria	Merniz N., Tahar A., Benmehaia A.M.	14297426	Journal of Water and Land Development	40	1	0	0	0	0	0	0	1	1	0	1
2019	Explicit solutions for turbulent flow friction factor: A review, assessment and approaches classification	Zeghadnia L., Robert J.L., Achour B.	20904479	Ain Shams Engineering Journal	10	1	0	0	0	0	0	4	2	6	0	6
2019	Design and analysis of 10 nm T-gate enhancement-mode MOS-HEMT for high power microwave applications	Zine-eddine T., Zahra H., Zitouni M.	24682284	Journal of Science: Advanced Materials and Devices	4	1	0	0	0	0	0	2	3	5	0	5



2019	Conception and realization of a parabolic dish	Benbaziz D.E.M., Abdellatif H., Ramdani M.		Proceedings of International Conference on Advanced Systems and Emergent Technologies, IC_ASET 2019			0	0	0	0	0	0	0	0	0	0
2019	Water supply performance evaluation of the public drinking water Case study: Algeria	Boutebba K., Bouamrane A., Ganaoui N., Bouziane M.T.	14297426	Journal of Water and Land Development	40	1	0	0	0	0	0	0	0	0	0	0
2019	Deep Features for Kinship Verification from Facial Images	Chergui A., Ouchtati S., Sequeira J., Bekhouche S.E., Bougourzi F., Telli H.		Proceedings of International Conference on Advanced Systems and Emergent Technologies, IC_ASET 2019			0	0	0	0	0	2	2	4	0	4
2019	Adaptive Non-linear Diffusion Based Local Binary Pattern for Image Denoising	Abdallah A., Zineb A.		Proceedings of the 2018 International Conference on Applied Smart Systems, ICASS 2018			0	0	0	0	0	0	0	0	0	0
2019	Analytical model for the light trapping effect on ZnO:Al/c-Si/SiGe/c-Si solar cells with an optimized design	Bencherif H., Dehimi L., Pezzimenti F., Yousfi A.		Proceedings of the 2018 International Conference on Applied Smart Systems, ICASS 2018			0	0	0	0	0	2	8	10	0	10



2019	An Experimental Educational Platform Based Arduino-GSM for Power System Protection	Barkat H.S.E., Mahdad B.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	1	1	0	1
2019	Evaluation of Data Rate Effects on UWB Channel Estimation	Ghendir S., Sbaa S., Aïgou R.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	0	0	0	0
2019	Fuzzy Rotor Side Control of a DFIG-Based Wind Turbine	Djeridane M.E., Mechoug R., Aïgou R., Chems A.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	1	1	0	1
2019	Traps effect on the I-V-T characteristics of Au/n-InP Schottky barrier diode	Fritah A., Dehimi L., Saadoun A., Bekhouche K.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	0	0	0	0
2019	New Vision about the Mixed Eccentricity Fault Causes in Induction Motors and its relationship with the Rolling Element Bearing Faults : Analytical model dedicated to the REB faults	Bessous N., Chems A., Sbaa S.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	3	1	4	0	4

2019	An extended $H_{\infty}$ observer based on the mean value theorem approach applied to open loop FOC of PMSM drive	Hamidani B., Allag A., Zeghib O., Allag A.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	0	0	0	0
2019	Subspace Approach for Enhancing Speech based on SVD.	Riadh A., Salim S., Massaoud H., Lemya G., Said G., Noureddine B., Ali C.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	0	0	0	0
2019	Analyze of non-linearity effects of 8/6 switched reluctance machine by finite elements method	Chouaib L., Kamel S., Belkacem M., Benchouia M.T., Benbouzid M.E.H.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	0	0	0	0
2019	Intelligent Image-based-Visual Servoing for Quadrotor Air Vehicle	Touil D.E., Terki N., Aouina A., Ajgou R.		Proceedings - International Conference on Communications and Electrical Engineering, ICCEE 2018			0	0	0	0	0	0	0	0	0	0
2019	Optimal reconfiguration and reactive power planning based fractal search algorithm: A case study of the Algerian distribution electrical system	Mahdad B.	22150986	Engineering Science and Technology, an International Journal	22	1	0	0	0	0	0	0	1	1	0	1

2019	2D study of AlGaN/AlN/GaN/AlGaN HEMTs' response to traps	Hezabra A., Abdeslam N.A., Sengouga N., Yagoub M.C.E.	16744926	Journal of Semiconductors	40	2	0	0	0	0	0	0	0	0	0	0	0
2019	Monitoring robotic swarm systems under noisy conditions using an effective fault detection strategy	Harrou F., Khaldi B., Sun Y., Cherif F.	1530437X	IEEE Sensors Journal	19	3	0	0	0	0	0	2	1	3	0	3	
2019	DFT and QSAR investigations of substituent effects in pyrazolooxazine derivatives: Activity prediction	Haddadi Z., Meghezzi H., Amar A., Boucekkine A., Bennamane N., Nedjar-Kolli B., Belaidi S., Kerassa A.	02196336	Journal of Theoretical and Computational Chemistry	18	1	0	0	0	0	0	0	0	0	0	0	
2019	Substrate temperature-dependent properties of sprayed cobalt oxide thin films	Kouidri N., Rahmane S., Allag A.	09574522	Journal of Materials Science: Materials in Electronics	30	2	0	0	0	0	0	0	3	3	0	3	
2019	Per Packet Flow Anonymization in 6LoWPAN IoT Networks	Kouachi A.I., Sahraoui S., Bachir A.		Proceedings - 2018 International Conference on Wireless Networks and Mobile Communications, WINCOM 2018			0	0	0	0	0	1	0	1	1	2	

2019	Conditioning of hydrogen storage by continuous solar adsorption in activated carbon AX-21 with simultaneous production	Cherrad N.	03603199	International Journal of Hydrogen Energy			0	0	0	0	0	3	1	4	0	4
2019	Effects of curing regimes on the physico-mechanical properties of self-compacting concrete made with ternary sands	Douara T.-H., Guettala S.	09500618	Construction and Building Materials	195		0	0	0	0	0	1	1	2	0	2
2019	Diagnosis of Rotor and Stator Faults by Fast Fourier Transform and Discrete Wavelet in Induction Machine	Dehina W., Boumehraz M., Kratz F.		Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018			0	0	0	0	0	1	0	1	0	1
2019	A Smart City System using Backend as a Service Approach: Biskra City Case Study	Hoadjli A., Rezeg K.		5th International Symposium on Innovation in Information and Communication Technology, ISIICT 2018			0	0	0	0	0	1	1	2	0	2
2019	Implementation of new adaptive power-split management strategy in a battery-super capacitor electric vehicle	Mehdi S., Betka A., Drid S., Djerdir A., Tiar M., Abdedaim S.		Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018			0	0	0	0	0	1	0	1	0	1



2019	Phase transition, mechanical stability and optical response of MnSe: Pressure effect	Khaldi A., Bouarissa N., Ghodbane H., Tabourot L.	09214526	Physica B: Condensed Matter	553		0	0	0	0	0	0	2	2	0	2
2019	Improved Direct Power Control Applied to Parallel Active Filtering Based on Fuzzy Logic Controller	Ouchen S., Benbouzid M., Steinhart H., Betka A., Blaabjerg F., Bekhoucha N.		Proceedings of 2018 3rd International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2018			0	0	0	0	0	0	0	0	0	0
2019	The Analysis Study of the Effect of Airfoil Thickness Variation on the Performance of Wind Turbine	Debbache M., Derfouf S., Makhloufi S.		2018 International Conference on Wind Energy and Applications in Algeria, ICWEAA 2018			0	0	0	0	0	0	0	0	0	0
2019	Improvement optimal power flow solution under loading margin stability using new partitioning whale algorithm	Mahdad B.	17509653	International Journal of Management Science and Engineering Management	14	1	0	0	0	0	0	0	2	2	0	2
2019	Model uncertainty stochastic mean-field control	Agram N., Oksendal B.	07362994	Stochastic Analysis and Applications	37	1	0	0	0	0	0	1	1	2	0	2



2019	Control, stabilization and synchronization of fractional-order jerk system	Senouci A., Menacer T.	15628353	Nonlinear Dynamics and Systems Theory	19	4	0	0	0	0	0	0	0	0	0	0	0
2019	A new corpus-based convolutional neural network for big data text analytics	Nahili W., Rezeg K., Kazar O.	2001015X	Journal of Intelligence Studies in Business	9	2	0	0	0	0	0	1	0	1	0	1	1
2019	Influence of 3-(trimethoxysilyl) propyl methacrylate coupling agent treatment of olive pomace flour reinforced polystyrene composites	Boussehel H.	11697954	Revue des Composites et des Materiaux Avances	29	6	0	0	0	0	0	0	0	0	0	0	0
2019	A novel agent based load balancing model for maximizing resource utilization in grid computing	Wided A., Okba K.	03505596	Informatica (Slovenia)	43	3	0	0	0	0	0	0	0	0	0	0	0
2019	Parameters tuning of a quadrotor PID controllers by using nature-inspired algorithms	Hasseni S.-E.-I., Abdou L., Glida H.-E.	18645909	Evolutionary Intelligence			0	0	0	0	0	0	3	3	1	4	







2019	Probabilistic study of the undrained bearing capacity of strip footings	Brahmi N., Mellas M., Mabrouki A., Benmeddour D., Ouahab M.Y.	23662557	Lecture Notes in Civil Engineering	9		0	0	0	0	0	0	0	0	0	0
2019	Bearing capacity of eccentrically loaded strip footings near a slope	Zerguine S., Benmeddour D., Ouahab M.Y., Mabrouki A., Mellas M.	23662557	Lecture Notes in Civil Engineering	9		0	0	0	0	0	2	0	2	0	2
2019	Numerical study of the bearing capacity of embedded strip footings on non-homogenous clay under inclined load	Ouahab M.Y., Mabrouki A., Mellas M., Benmeddour D.	23662557	Lecture Notes in Civil Engineering	9		0	0	0	0	0	0	0	0	0	0
2019	Distributed diagnosis based on distributed probability propagation nets	Berghout Y.M., Bennoui H.	17427185	International Journal of Computational Science and Engineering	18	1	0	0	0	0	0	1	2	3	0	3
2019	Robust load angle direct torque control with SVM for sensorless induction motor using sliding mode controller and observer	Ammar A., Bourek A., Benakcha A.	17572657	International Journal of Computer Aided Engineering and Technology	11	1	0	0	0	0	0	1	1	2	0	2



2019	Identification of thermal and microstructural properties of hot rolling scale	Maalem B., Berdjane D., Belahssen O., Tairi L., Faci Y., Djemili S.	13351532	Acta Metallurgica Slovaca	25	4	0	0	0	0	0	0	0	2	2	0	2
2019	Numerical analysis of engineering structures by advanced finite elements	Hamadi D., Hamadi M., Zatar A., Maalem T.		Advanced Composites in Construction, ACIC 2019 - Proceedings of the 9th Biennial Conference on Advanced Composites in Construction 2019			0	0	0	0	0	0	0	0	0	0	0
2019	Service composition approaches for internet of things: A review	Aoudia I., Benharzallah S., Kahloul L., Kazar O.	17543916	International Journal of Communication Networks and Distributed Systems	23	2	0	0	0	0	0	0	0	2	2	0	2
2019	Model experiments to assess effect of eccentric loading on the ultimate bearing capacity of a strip footing near a dry sand slope	Mazouz B., Abbeche K., Abdi A., Baazouzi M.	19386362	International Journal of Geotechnical Engineering			0	0	0	0	0	0	0	0	0	0	0
2019	Free surface flows over a successive obstacles with surface tension and gravity effects	Laiadi A., Merzougui A.	24736988	AIMS Mathematics	4	2	0	0	0	0	0	0	0	2	2	0	2





2019	A comparative investigation between the mcsa method and the hilbert transform for broken rotor bar fault diagnostics, in a closed-loop three-phase induction motor	Salah L., Adel G., Khaled K., Ahmed B.	22863540	UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science	81	3	0	0	0	0	0	0	0	0	0	0	0
2019	Urban plaza design process using space syntax analysis: El-Houria plaza, Biskra, Algeria	Bendjedidi S., Bada Y., Meziani R.	21873666	International Review for Spatial Planning and Sustainable Development	7	2	0	0	0	0	0	0	2	2	0	2	
2019	Flexible and Efficient Topological Approaches for a Reliable Robots Swarm Aggregation	Khaldi B., Harrou F., Cherif F., Sun Y.	21693536	IEEE Access	7		0	0	0	0	0	0	4	4	0	4	
2019	Biocontrol potential of non-pathogenic Fusarium oxysporum in controlling date palm fusarium wilt disease	Aoumria M., Malika T., Abderrahmane S.	0973483X	Biopesticides International	15	1	0	0	0	0	0	0	0	0	0	0	0
2019	Mechanical fault detection in rotating electrical machines using MCSA-FFT and MCSA-DWT techniques	Bessous N., Sbaa S., Megherbi A.C.	02397528	Bulletin of the Polish Academy of Sciences: Technical Sciences	67	3	0	0	0	0	0	1	1	2	0	2	



2019	Logarithmic barrier method via minorant function for linear programming	Leulmi A., Leulmi S.	19971397	Journal of Siberian Federal University - Mathematics and Physics	12	2	0	0	0	0	0	0	0	0	0	0
2019	Sensorless Non-linear Control Applied to a PMSM Machine Based on New Extended MVT Observer	Hamidani B., Allag A., Allag A., Zeghib O.	19750102	Journal of Electrical Engineering and Technology			0	0	0	0	0	0	0	0	0	0
2019	On accommodating the semantic-based interpretability in evolutionary linguistic fuzzy controller	Megherbi H., Megherbi A.C., Benmahammed K.	10641246	Journal of Intelligent and Fuzzy Systems	36	4	0	0	0	0	0	0	0	0	0	0
2019	Solar drying of drying agricultural product (Apricot)	Chabane F., Bensahal D., Brima A., Moumami N.	23690739	Mathematical Modelling of Engineering Problems	6	1	0	0	0	0	0	0	0	0	0	0
2019	Singular control optimal stopping of memory mean-field processes	Agram N., Bachouch A., Oksendal B., Proske F.	00361410	SIAM Journal on Mathematical Analysis	51	1	0	0	0	0	0	1	2	3	0	3













2019	Monitoring open multi-Agent systems: An aspect-oriented programming based approach	Chebout M.S., Mokhati F., Badri M., Babahenini M.C.	15741702	Multiagent and Grid Systems	15	2	0	0	0	0	0	0	0	0	0	0	0
2019	The crystalline structure, optical and conductivity properties of fluorine doped ZnO nanoparticles	Diha A., Benramache S., Fellah L.	20776772	Journal of Nano-and Electronic Physics	11	3	0	0	0	0	0	1	0	1	0	1	1
2019	On Peng's type maximum principle for optimal control of mean-field stochastic differential equations with jump processes	Meherrem S., Hafayed M., Abbas S.	17466172	International Journal of Modelling, Identification and Control	31	3	0	0	0	0	0	0	0	0	0	0	0
2019	Omnet++ simulation of facial nerve monitoring in real time neurosurgery based on WBAN	Ammari A., Saouli R.	21945357	Advances in Intelligent Systems and Computing	914		0	0	0	0	0	0	0	0	0	0	0
2019	A Novel Hybrid Approach for 3D Face Recognition Based on Higher Order Tensor	Bessaoudi M., Belahcene M., Ouamane A., Chouchane A., Bourennane S.	23673370	Lecture Notes in Networks and Systems	50		0	0	0	0	0	0	1	1	0	1	1

2019	Stability-based model for evacuation system using agent-based social simulation and Monte Carlo method	Naili M., Bourahla M., Naili M.	17402123	International Journal of Simulation and Process Modelling	14	1	0	0	0	0	0	0	1	0	1	0	1
2019	The role of the urban fabric in reducing of the physical loads for the environment applied within the free space-street-, for Saharan Cities, Case Study of the City of Biskra -Algerie	Qaoud R., Alkama D., Hanafi A., Marouane S.G.	18766102	Energy Procedia	157		0	0	0	0	0	0	0	0	0	0	0
2019	Towards a high intensity of use of the public place of the arid cities	Hanafi A., Alkama D., Guedouh M.S., Qaoud R.	18766102	Energy Procedia	157		0	0	0	0	0	0	0	0	0	0	0
2019	The calculate of optical gap energy and urbach energy of Ni $_{1-x}$ Co $_x$ O thin films	Benramache S., Aoun Y., Lakel S., Benhaoua B., Torchi C.	02562499	Sadhana - Academy Proceedings in Engineering Sciences	44	1	0	0	0	0	0	0	0	3	3	0	3
2019	Simulation and analysis of the current-voltage-temperature characteristics of Al/Ti/4H-SiC Schottky barrier diodes	Zeghdar K., Dehimi L., Pezzimenti F., Rao S., Della Corte F.G.	00214922	Japanese Journal of Applied Physics	58	1	0	0	0	0	0	0	9	6	15	0	15





2019	Cooperative energy management software for networked microgrids	Naidji I., Mosbahi O., Khalgui M., Bachir A.		ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies			0	0	0	0	0	2	1	3	0	3
2019	In vitro antioxidant capacity of Euphorbia retusa Forssk. From Algerian desert	Lahmadi S., Belhamra M., Karoune S., Kechebar M.S.A., Bensouici C., Kashi I., Mizab O., Ksouri R.	07194250	Journal of Pharmacy and Pharmacognosy Research	7	5	0	0	0	0	0	0	0	0	0	0
2019	Code verification based on TPM solutions for internet of things platforms	Ghrib T., Benmohammed M., Hadj Seyd A., Kafi M.R., Guzzi A.	21945357	Advances in Intelligent Systems and Computing	915		0	0	0	0	0	0	0	0	0	0
2019	Automatic properties classification approach for guiding the verification of complex reconfigurable systems	Ramdani M., Kahloul L., Khalgui M.		ICSOFT 2018 - Proceedings of the 13th International Conference on Software Technologies			0	0	0	0	0	5	2	7	0	7
2019	Analysis of I–V–T characteristics of Au/n-InP schottky barrier diodes with modeling of nanometer-sized patches at low temperature	Fritah A., Dehimi L., Pezzimenti F., Saadoune A., Abay B.	03615235	Journal of Electronic Materials	48	6	0	0	0	0	0	2	3	5	0	5



2019	R-TNCES verification: Distributed state space analysis performed in a cloud-based architecture	Choucha C.E., Ougouti N.S., Khalgui M., Kahloul L.		33rd Annual European Simulation and Modelling Conference 2019, ESM 2019			0	0	0	0	0	0	0	0	0	0
2019	Multi agent system-based approach for enhancing cyber-physical security in smart grids	Naidji I., Khalgui M., Smida M.B., Bachir A.		33rd Annual European Simulation and Modelling Conference 2019, ESM 2019			0	0	0	0	0	0	1	1	0	1
2019	Structural and anisotropic elastic properties of hexagonal $YMnO_3$ in low symmetry determined by first-principles calculations	Chadli A., Halit M., Lagoun B., Mohamedi F., Maabed S., Cheriet A., Hlil E., Farh H.	10120394	Solid State Phenomena	297		0	0	0	0	0	0	0	0	0	0
2019	On improving parallel rebuilding of R-TNCESs	Ramdani M., Kahloul L., Khalgui M.		ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies			0	0	0	0	0	0	0	0	0	0
2019	New methodology for backward analysis of reconfigurable event control systems using R-TNCESs	Hafidi Y., Kahloul L., Khalgui M.		ICSOFT 2019 - Proceedings of the 14th International Conference on Software Technologies			0	0	0	0	0	0	1	1	0	1

2019	Chemical Composition and Biological Activities of Essential Oils from Two Wild Algerian Medicinal Plants: Mentha pulegium L. and Lavandula stoechas L	Baali F., Boumerfeg S., Napoli E., Boudjelal A., Righi N., Deghima A., Baghiani A., Ruberto G.	0972060X	Journal of Essential Oil-Bearing Plants	22	3	0	0	0	0	0	0	0	2	2	0	2
2019	An extended data as a service description model for ensuring cloud platform portability	Merizig A., Saouli H., Sanchez M.L., Kazar O., Benharkat A.-N.	21945357	Advances in Intelligent Systems and Computing	915		0	0	0	0	0	0	0	1	1	0	1
2019	Classifying non-elementary movements in Vietnamese Mõ Dances	Bourahla M., Telli A., Benferhat S., Chau M.T.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	11581		0	0	0	0	0	0	0	1	1	0	1
2019	Hybrid descriptors and Weighted PCA-EFMNet for Face Verification in the Wild	Ameur B., Belahcene M., Masmoudi S., Ben Hamida A.	21926611	International Journal of Multimedia Information Retrieval			0	0	0	0	0	0	0	0	0	0	0
2019	A New Online Class-Weighting Approach with Deep Neural Networks for Image Segmentation of Highly Unbalanced Glioblastoma Tumors	Ben Naceur M., Kachouri R., Akil M., Saouli R.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	11507		0	0	0	0	0	0	0	2	2	0	2















2018	Aging studies of a polypropylene and natural rubber blend	Bendjaouahdou C., Bensaad S.	22285970	International Journal of Industrial Chemistry	9	4	0	0	0	0	0	0	2	2	0	2
2018	Retinal blood vessel segmentation using the elite-guided multi-objective artificial bee colony algorithm	Khomri B., Christodoulidis A., Djerou L., Babahenini M.C., Cheriet F.	17519659	IET Image Processing	12	12	0	0	0	0	0	1	5	6	0	6
2018	A new eight nodes brick finite element based on the strain approach	Guerraiche K.H., Belounar L., Bouzidi L.	20083505	Journal of Solid Mechanics	10	1	0	0	0	0	0	4	3	7	0	7
2018	Study of the curative role of "draas" in evacuating dunes threatening roads in the lower algerian sahara: Physical model on a smaller scale	Sebaa A.K., Belhamra M.	12302945	Archives of Civil Engineering	64	4	0	0	0	0	0	0	0	0	0	0
2018	Extraction of ZnO thin film parameters for modeling a ZnO/Si solar cell	Chala S., Sengouga N., Yakuphanoglu F., Rahmane S., Bdirina M., Karteri I.	03605442	Energy	164		0	0	0	0	0	4	7	11	0	11

2018	Real-time implementation of high performance control scheme for grid-tied PV system for power quality enhancement based on MPPC-SVM optimized by PSO algorithm	Krama A., Zellouma L., Rabhi B., Refaat S.S., Bouzidi M.	19961073	Energies	11	12	0	0	0	0	0	0	3	0	3	0	3
2018	Spectral analysis of the stochastic time-fractional-KdV equation	Sohail A., Chighoub F., Li Z.	11100168	Alexandria Engineering Journal	57	4	0	0	0	0	0	0	0	0	0	0	0
2018	A dynamic skyline technique for a context-aware selection of the best sensors in an IoT architecture	Kertiou I., Benharzallah S., Kahloul L., Beggas M., Euler R., Laouid A., Bounceur A.	15708705	Ad Hoc Networks	81		0	0	0	0	0	0	4	4	8	0	8
2018	Fault tolerant control for speed sensor failure in induction motor drive based on direct torque control and adaptive stator flux observer	Azzoug Y., Menacer A., Pusca R., Romary R., Ameid T., Amma A.		2018 International Conference on Applied and Theoretical Electricity, ICATE 2018 - Proceedings			0	0	0	0	0	0	2	1	3	0	3
2018	The use of the strain approach to develop a new consistent triangular thin flat shell finite element with drilling rotation	Guenfoud H., Himeur M., Ziou H., Guenfoud M.	12254568	Structural Engineering and Mechanics	68	4	0	0	0	0	0	0	0	2	2	0	2



2018	Technical study of a wind-PV hybrid system power generation system connected to the electrical network	Dris M., Djlani B.A.		Advances in Renewable Energy and Sustainable Systems			0	0	0	0	0	0	0	0	0	0
2018	Sensorless finite-state predictive torque control of induction motor fed by four-switch inverter using extended Kalman filter	Chebaani M., Golea A., Benchouia M.T., Golea N.	03321649	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	37	6	0	0	0	0	0	4	2	6	0	6
2018	Structural, electronic, vibrational, optical and thermodynamic properties of 3-Oxo-3-p-tolylpropylphosphonic acid and 4-Oxo-4-p-tolyl-butyric acid: Density functional theory study	Hellal A., Rachida D., Zaout S., Elkolli M., Chafaa S., Touafri L., Chafai N., Mehri M., Benbougerra K.	00222860	Journal of Molecular Structure	1171		0	0	0	0	0	1	1	2	1	3
2018	Improvement of bearing capacity of strip footing on reinforced sand	Benmebarek S., Djeridi S., Benmebarek N., Belounar L.	19386362	International Journal of Geotechnical Engineering	12	6	0	0	0	0	0	0	3	3	0	3
2018	Effect of the interfacial (low-k $\text{SiO}_2$ vs high-k $\text{Al}_2\text{O}_3$ ) dielectrics on the electrical performance of a-ITZO TFT	Taouririt T.E., Meftah A., Sengouga N.	21905509	Applied Nanoscience (Switzerland)	8	8	0	0	0	0	0	1	2	3	0	3



2018	Dynamic performance improvement of three phase shunt active power filter using predictive direct power control	Ouchen S., Steinhart H., Benbouzid M., Blaabjerg F., Betka A.		2018 20th European Conference on Power Electronics and Applications, EPE 2018 ECCE Europe			0	0	0	0	0	2	0	2	0	2
2018	Seismic vibration control using a novel inerto-elastic damper	Abdeddaim M., Kasar A.A., Djedoui N.	2261236X	MATEC Web of Conferences	211		0	0	0	0	0	0	0	0	0	0
2018	Thermal design of Earth-to-air heat exchanger. Part II a new transient semi-analytical model and experimental validation for estimating air temperature	Mehdid C.-E., Benchabane A., Rouag A., Moumni N., Melhegueg M.-A., Moumni A., Benabdi M.-L., Brima A.	09596526	Journal of Cleaner Production	198		0	0	0	0	0	3	5	8	1	9
2018	3D-FVM anisotropic model for eddy current problems related to composite materials	Lakhdari A., Cheriet A., Feliachi M.	10589759	Nondestructive Testing and Evaluation	33	4	0	0	0	0	0	1	0	1	0	1
2018	Experimental and numerical analysis of mode-I interlaminar fracture of composite pipes	Rekbi F.M.L., Hecini M., Khechai A.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	40	10	0	0	0	0	0	1	0	1	0	1

2018	Statistical detection of faults in swarm robots under noisy conditions	Harrou F., Khaldi B., Sun Y., Cherif F.		2018 6th International Conference on Control Engineering and Information Technology, CEIT 2018			0	0	0	0	0	0	0	0	0	0
2018	Smart configuration and auto allocation of resource in cloud data centers	Soltane M., Okba K., Makhlof D., Eom S.	23344547	International Journal of Business Analytics	5	4	0	0	0	0	1	0	0	1	0	1
2018	Numerical simulation study of a high efficient AlGaIn-based ultraviolet photodetector	Bouid F., Dehimi L., Pezzimenti F., Hadjab M., Larbi A.H.	07496036	Superlattices and Microstructures	122		0	0	0	0	0	5	7	12	0	12
2018	Luminescence properties of Cr <sup>3+</sup> ions in Na <sub>2</sub> ZnP <sub>2</sub> O <sub>7</sub> crystal	Amara A., Gacem L., Gueddim A., Belbal R., Soltani M.T., Guerbus L.	09214526	Physica B: Condensed Matter	545		0	0	0	0	0	2	0	2	0	2
2018	Numerical Modelling of Stone Column Installation Effects on Performance of Circular Footing	Benmebarek S., Remadna A., Benmebarek N.	21999260	International Journal of Geosynthetics and Ground Engineering	4	3	0	0	0	0	0	0	1	1	0	1

2018	Experimental study of thermal efficiency of a solar air heater with an irregularity element on absorber plate	Chabane F., Moummi N., Brima A.	03928764	International Journal of Heat and Technology	36	3	0	0	0	0	0	0	1	0	1	0	1
2018	FE Analysis of Back-to-Back Mechanically Stabilized Earth Walls Under Cyclic Harmonic Loading	Benmebarek S., Djabri M.	09719555	Indian Geotechnical Journal	48	3	0	0	0	0	0	0	0	2	2	0	2
2018	Learning spatially correlation filters based on convolutional features via PSO algorithm and two combined color spaces for visual tracking	Touil D.E., Terki N., Medouakh S.	0924669X	Applied Intelligence	48	9	0	0	0	0	0	0	0	2	2	0	2
2018	A Hida-Malliavin white noise calculus approach to optimal control	Agram N., Oksendal B.	02190257	Infinite Dimensional Analysis, Quantum Probability and Related Topics	21	3	0	0	0	0	0	0	0	0	0	0	0
2018	Prevalence of Cryptosporidium spp. In farmed animals from steppe and high plateau regions in Algeria	Laatamna A.K., Belkessa S., Khalil A., Afidi A., Benmahdjouba K., Belalmi R., Benkrour M., Ghazel Z., Hakem A., Aissi M.	01275720	Tropical Biomedicine	35	3	0	0	0	0	0	0	2	1	3	0	3

2018	Assessment of toxicity on the basis of total phenolic content in oleander leaves ( <i>Nerium oleander</i> L.) against <i>Myzus persicae</i> (Sulzer, 1776) (Hemiptera: Aphididae)	Nia B., Frah N., Lekbir A., Benhmed K.	15819175	Acta Agriculturae Slovenica	111	2	0	0	0	0	0	0	1	0	1	0	1
2018	Chemical composition and antibacterial activity of berries essential oil of algerian <i>juniperus thurifera</i> (Var. aursiaca)	Boudjedjou L., Ramdani M., Zeraib A., Benmeddour T., Fercha A.	1735403X	Pharmaceutical Sciences	24	3	0	0	0	0	0	0	0	0	0	0	0
2018	Experimental investigation and exergy analysis of an air heater with a solar concentrator used for drying processes	Karoua H., Moumami A., Hamidat A., Moumami N., Aoues K., Benchabane A., Benchatti A.	03928764	International Journal of Heat and Technology	36	3	0	0	0	0	0	0	0	0	0	0	0
2018	Chromium doped (80-x)Sb <sub>2</sub> O <sub>3</sub> -20K <sub>2</sub> O-xPbO glasses: Effects of PbO on the optical properties in urbach's rule region	Petkova P., Boubaker K., Soltani M.T., Vasilev P., Alexieva G.	14544164	Journal of Optoelectronics and Advanced Materials	20	9-10	0	0	0	0	0	0	0	0	0	0	0
2018	Online Estimation of Aluminum Electrolytic-Capacitor Parameters Using a Modified Prony's Method	Laadjal K., Sahraoui M., Cardoso A.J.M., Amaral A.M.R.	00939994	IEEE Transactions on Industry Applications	54	5	0	0	0	0	0	0	5	3	8	0	8







2018	Discrete wavelet transform and energy eigen value for rotor bars fault detection in variable speed field-oriented control of induction motor drive	Ameid T., Menacer A., Talhaoui H., Azzoug Y.	00190578	ISA Transactions	79		0	0	0	0	2	2	4	8	0	8
2018	Genetic programming-based self-reconfiguration planning for metamorphic robot	Ababsa T., Djedl N., Duthen Y.	14768186	International Journal of Automation and Computing	15	4	0	0	0	0	0	0	2	2	0	2
2018	3D face verification across pose based on euler rotation and tensors	Chouchane A., Ouamane A., Boutellaa E., Belahcene M., Bourennane S.	13807501	Multimedia Tools and Applications	77	16	0	0	0	0	0	1	1	2	0	2
2018	Probabilistic analysis of the bearing capacity of inclined loaded strip footings near cohesive slopes	Brahmi N., Ouahab M.Y., Mabrouki A., Benmeddour D., Mellas M.	19386362	International Journal of Geotechnical Engineering			0	0	0	0	0	1	0	1	0	1
2018	The use of Girsanov'S theorem to describe the risk-sensitive problem and application to optimal control	Chala A., Hafayed D., Khallout R.		Stochastic Differential Equations: Basics and Applications			0	0	0	0	0	0	4	4	0	4

2018	Symbiotic approach for datamining	Nouredine S., Toumi A., Betka A.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0	0	0	0
2018	Optimal location estimation using a metaheuristic algorithm and deep learning for visual tracking	Touil D.E., Terki N.		9th International Symposium on Signal, Image, Video and Communications, ISIVC 2018 - Proceedings			0	0	0	0	0	0	0	0	0	0
2018	Numerical analysis of baffles effect on thermal storage capacity inside hot water storage tank	Baissi M.T., Touafek K., Khanniche R., Boutina L., Khelifa A.		Proceedings of 2018 6th International Renewable and Sustainable Energy Conference, IRSEC 2018			0	0	0	0	0	0	1	1	0	1
2018	Arbitrary movement simulation using 3D NC-FVM for electromagnetic problems	Amrani I., Cheriet A., Feliachi M.	03321649	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	37	4	0	0	0	0	0	0	0	0	0	0
2018	Simulation of p-type Schottky Diode Based on Al <sub>0.29</sub> Ga <sub>0.71</sub> As with Titanium/Gold Schottky Contact	Filali W., Oussalah S., Sengouga N., Henini M., Taylor D.		Proceedings of the International Conference on Microelectronics, ICM	2018-		0	0	0	0	0	1	0	1	0	1

2018	DSPACE validation of improved backstepping optimal energy control for photovoltaic systems	Benbaha N., Zidani F., Nait-Said M.-S., Zouzou S.E., Boukebbous S., Ammar H.		Proceedings of 2018 6th International Renewable and Sustainable Energy Conference, IRSEC 2018			0	0	0	0	0	0	0	0	0	0
2018	Semi-Analytical Simulation and Optimization of AlGaAs/GaAs p-i-n Quantum Well Solar Cell	Laznek S., Meftah A., Meftah A., Sengouga N.	0003701X	Applied Solar Energy (English translation of Geliotehnika)	54	4	0	0	0	0	0	0	0	0	0	0
2018	A general solution for stress resultants around a circular cutout in laminate plates under different in-plane loadings: analytical and experimental investigations	Khechai A., Tati A., Guettala A., Mohite P.M.	09391533	Archive of Applied Mechanics	88	7	0	0	0	0	0	0	0	0	0	0
2018	An adaptive and efficient fully homomorphic encryption technique	Yagoub M.A., Laouid A., Kazar O., Bounceur A., Euler R., AlShaikh M.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0	0	0	0
2018	An overview on the deep learning based prognostic	Remadna I., Terrissa S.L., Zemouri R., Ayad S.		2018 International Conference on Advanced Systems and Electric Technologies, IC_ASET 2018			0	0	0	0	0	0	1	1	0	1

2018	An IoT approach for a smart maintenance	Ayad S., Terrissa L.S., Zerhouni N.		2018 International Conference on Advanced Systems and Electric Technologies, IC_ASET 2018			0	0	0	0	0	2	1	3	0	3
2018	Post-prognostics decision in cyber-physical systems	Meraghni S., Terrissa L.S., Ayad S., Zerhouni N., Varnier C.		2018 International Conference on Advanced Systems and Electric Technologies, IC_ASET 2018			0	0	0	0	0	1	2	3	0	3
2018	Gaussian Radial Basis Function for Efficient Computation of Forest Indirect Illumination	Abbas F., Babahenini M.C.	20926731	3D Research	9	2	0	0	0	0	0	1	1	2	0	2
2018	Effect of Load Eccentricity on the Bearing Capacity of Strip Footings on Non-homogenous Clay Overlying Bedrock	Ouahab M.Y., Mabrouki A., Mellas M., Benmeddour D.	21967202	Transportation Infrastructure Geotechnology	5	2	0	0	0	0	0	1	2	3	0	3
2018	A new interactive sine cosine algorithm for loading margin stability improvement under contingency	Mahdad B., Srairi K.	09487921	Electrical Engineering	100	2	0	0	0	0	1	7	6	14	0	14



2018	On the relaxed mean-field stochastic control problem	Bahlali K., Mezerdi M., Mezerdi B.	02194937	Stochastics and Dynamics	18	3	0	0	0	0	0	0	0	1	1	0	1
2018	Automatic Hand Detection in Color Images based on skin region verification	Medjram S., Babahenini M.C., Taleb-Ahmed A., Mohamed Ben Ali Y.	13807501	Multimedia Tools and Applications	77	11	0	0	0	0	0	0	0	1	1	0	1
2018	Theoretical design and performance of InGaAsN single junction solar cell	Marouf Y., Dehimi L., Bouzid F., Pezzimenti F., Corte F.G.D.	00304026	Optik	163		0	0	0	0	1	10	9	20	0	20	
2018	Efficient inverse transform methods for VPL selection in global illumination	Babahenini D., Gruson A., Chaouki Babahenini M., Bouatouch K.	13807501	Multimedia Tools and Applications	77	11	0	0	0	0	0	0	0	0	0	0	0
2018	A novel control technique for torque ripple minimization in switched reluctance motor through destructive interference	Labiod C., Srairi K., Mahdad B., Benbouzid M.E.H.	09487921	Electrical Engineering	100	2	0	0	0	0	0	1	2	3	0	3	







2018	A semi-inverse variational method for generating the bound state energy eigenvalues in a quantum system: the Dirac Coulomb type-equation	Libarir K., Zerarka A.	09500340	Journal of Modern Optics	65	8	0	0	0	0	0	0	1	2	3	0	3
2018	The Effect of Vertical Vibrations on Heat and Mass Transfers Through Natural Convection in Partially Porous Cavity	Zidi E.-H., Hasseine A., Moumni N.	2193567X	Arabian Journal for Science and Engineering	43	5	0	0	0	0	0	0	0	0	0	0	0
2018	On optimal singular control problem for general Mckean-Vlasov differential equations: Necessary and sufficient optimality conditions	Hafayed M., Meherrem S., Eren S., Gucoglu D.H.	01432087	Optimal Control Applications and Methods	39	3	0	0	0	0	0	0	1	3	4	0	4
2018	Particle swarm optimization method for small retinal vessels detection on multiresolution fundus images	Khomri B., Christodoulidis A., Djerou L., Babahenini M.C., Cheriet F.	10833668	Journal of Biomedical Optics	23	5	0	0	0	0	0	0	0	0	0	0	0
2018	Thermal design of Earth-to-Air Heat Exchanger. Part I a new transient semi-analytical model for determining soil temperature	Rouag A., Benchabane A., Mehdid C.-E.	09596526	Journal of Cleaner Production	182		0	0	0	0	1	10	6	17	2	19	

2018	Interactive process to control the evaporating temperature of refrigerant for solar adsorption cooling machine with new correlation	Cherrad N., Benchabane A.	19552513	International Journal on Interactive Design and Manufacturing	12	2	0	0	0	0	2	2	0	4	0	4
2018	Prediction of DNA sequences using adaptative neuro-fuzzy inference system	Mihi A., Boucenna N., Benmahammed K.	17935245	International Journal of Biomathematics	11	4	0	0	0	0	0	0	0	0	0	0
2018	Bi-eddy current sensor based automated scanning system for thickness measurement of thick metallic plates	Nebair H., Cheriet A., El Ghoul I.N., Helifa B., Bensaid S., Lefkaier I.K.	02683768	International Journal of Advanced Manufacturing Technology	96	5-8	0	0	0	0	0	0	0	0	0	0
2018	Fog computing job scheduling optimization based on bees swarm	Bitam S., Zeadally S., Mellouk A.	17517575	Enterprise Information Systems	12	4	0	0	0	0	8	19	25	52	0	52
2018	Diagnosis of bearing defects in induction motors using discrete wavelet transform	Bessous N., Zouzou S.E., Bentrah W., Sbaa S., Sahraoui M.	09756809	International Journal of Systems Assurance Engineering and Management	9	2	0	0	0	2	2	12	11	27	1	28







2018	Screen Space Ambient Occlusion Based Multiple Importance Sampling for Real-Time Rendering	Zerari A.E.M., Babahenini M.C.	20926731	3D Research	9	1	0	0	0	0	0	0	0	0	0	0
2018	Improved object tracking via joint color-LPQ texture histogram based mean shift algorithm	Medouakh S., Boumezhraz M., Terki N.	18631703	Signal, Image and Video Processing	12	3	0	0	0	0	1	4	6	11	0	11
2018	Impact of flexible blades on the vertical axis tidal turbine performances	Drias N., Bouzaher M.T., Lalmi D., Guerira B., Semch-Eddine D.	12595969	Modelling, Measurement and Control B	87	1	0	0	0	0	0	0	0	0	0	0
2018	Optimal control of forward-backward mean-field stochastic delayed systems	Agram N., Rose E.E.	10129405	Afrika Matematika	29	1-2	0	0	0	0	0	4	0	4	0	4
2018	Performance Study of Small Capacity Solar Autonomous Absorption Air-Conditioning System Coupled with a Low-Energy Residential Building under Batna (Algeria) Climate	Ammari E.-T., Aksas M., Benmachiche A.H.	20101325	International Journal of Air-Conditioning and Refrigeration	26	1	0	0	0	0	0	1	1	2	0	2

2018	Self-organization in aggregating robot swarms: A DW-KNN topological approach	Khaldi B., Harrou F., Cherif F., Sun Y.	03032647	BioSystems	165		0	0	0	0	3	4	4	11	0	11
2018	Multilabel Conditional Random Field Classification for UAV Images	Zeggada A., Benbraika S., Melgani F., Mokhtari Z.	1545598X	IEEE Geoscience and Remote Sensing Letters	15	3	0	0	0	0	1	4	3	8	0	8
2018	Experimental diagnosis of broken rotor bars fault in induction machine based on Hilbert and discrete wavelet transforms	Talhaoui H., Menacer A., Kessal A., Tarek A.	02683768	International Journal of Advanced Manufacturing Technology	95	1-4	0	0	0	0	1	2	3	6	0	6
2018	High-efficiency induction motor drives using type-2 fuzzy logic	Khemis A., Benlaloui I., Drid S., Chrifi-Alaoui L., Khamari D., Menacer A.	21905444	European Physical Journal Plus	133	3	0	0	0	0	0	1	1	2	0	2
2018	Designing a camera placement assistance system for human motion capture based on a guided genetic algorithm	Aissaoui A., Ouafi A., Pudlo P., Gillet C., Baarir Z.-E., Taleb-Ahmed A.	13594338	Virtual Reality	22	1	0	0	0	1	1	1	1	4	0	4

2018	Efficient messages broadcasting within vehicular safety applications	Benaissa K., Bitam S., Mellouk A.		IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC	2017-		0	0	0	0	0	0	0	0	0	0
2018	Generalized stochastic Petri nets with rewritable topology	Bourekache S., Kahloul L., Tigane S.		Proceedings of EDIS 2017 - 1st International Conference on Embedded and Distributed Systems	2017-		0	0	0	0	0	1	1	2	1	3
2018	Multi-objective optimization and formal specification of reconfigurable manufacturing system using adaptive NSGA-II	Houimli M., Khalgui M., Kahloul L.		Proceedings of EDIS 2017 - 1st International Conference on Embedded and Distributed Systems	2017-		0	0	0	0	0	1	0	1	0	1
2018	A new framework for web service discovery in distributed environments	Ben Seghir N., Kazar O.		Proceedings of EDIS 2017 - 1st International Conference on Embedded and Distributed Systems	2017-		0	0	0	0	0	0	0	0	0	0
2018	Transient numerical model for predicting operating temperatures of solar adsorption refrigeration cycle	Cherrad N., Benchabane A., Sedira L., Rouag A.	13594311	Applied Thermal Engineering	130		0	0	0	0	1	2	1	4	0	4



2018	Passion and Narration in the Contemporary Arab Novel: Modeling and Passionate Devices in al-Hayy al-Latini by Suhayl Idris	Eddine B.N., Imene B.	21989605	Chinese Semiotic Studies	14	1	0	0	0	0	0	0	0	0	0	0
2018	Chemical reactivity, drug-likeness and structure activity/property relationship studies of 2,1,3-benzoxadiazole derivatives as anti-cancer activity	Almi I., Belaidi S., Melkemi N., Bouzidi D.	15577910	Journal of Bionanoscience	12	1	0	0	0	0	3	0	1	4	0	4
2018	Strength degradation and stress analysis of composite plates with circular, square and rectangular notches using digital image correlation	Khechai A., Tati A., Guerira B., Guettala A., Mohite P.M.	02638223	Composite Structures	185		0	0	0	0	4	13	14	31	1	32
2018	QSAR studies of 1,2,5-thiadiazole derivatives analogues of aceclidine as potent M1 muscarinic agonists	Sebaa Z., Tchouar N., Salah T., Belaidi H., Almi Z., Belaidi S.	15577910	Journal of Bionanoscience	12	1	0	0	0	0	3	0	0	3	0	3
2018	Synthesis and characterization of Mg-Al layered double hydroxide intercalated with D2EHPA: Application for copper ions removal from aqueous solution	Rouahna N., Barkat D., Ouakouak A., Srasra E.	22133437	Journal of Environmental Chemical Engineering	6	1	0	0	0	0	2	2	5	9	0	9

2018	Three-dimensional numerical and analytical study of horizontal group of square anchor plates in sand	Mokhbi H., Mellas M., Mabrouki A., Pereira J.-M.	18611125	Acta Geotechnica	13	1	0	0	0	0	0	2	3	1	6	0	6
2018	Prediction of Flashover Voltage of High-Voltage Polluted Insulator Using Artificial Intelligence	Bourek Y., M'Ziou N., Benguesmia H.	12297607	Transactions on Electrical and Electronic Materials	19	1	0	0	0	0	0	0	1	1	2	0	2
2018	Molecular docking studies and ADMET properties of new 1.2.3 triazole derivatives for anti-breast cancer activity	Ouassaf M., Belaidi S., Lotfy K., Daoud I., Belaidi H.	15577910	Journal of Bionanoscience	12	1	0	0	0	0	0	1	1	0	2	0	2
2018	Investigation of structural, optical and electrical properties of ZnS thin films prepared by ultrasonic spray technique for photovoltaic applications	Derbali A., Attaf A., Saidi H., Benamra H., Nouadji M., Aida M.S., Attaf N., Ezzaouia H.	00304026	Optik	154		0	0	0	0	0	2	1	2	5	0	5
2018	Techno-economic Analysis of Wind Turbines in Algeria	Charrouf O., Betka A., Becherif M., Tabanjat A.	21945756	International Journal of Emerging Electric Power Systems			0	0	0	0	0	1	1	2	4	0	4





2018	Psychological space-time reinforcement sensitivity: A possibly missing link in Eysenck's and Gray's personality theories	Meriama H.M.	13035150	NeuroQuantology	16	12	0	0	0	0	0	0	0	0	0	0
2018	Structural and dielectric properties of (Bi) modified PLSZT ceramics	Saouli F., Sriti F.Z., Abba M., Necira Z., Menasra H., Beddari A.	01519107	Annales de Chimie: Science des Materiaux	42	2	0	0	0	0	0	0	0	0	0	0
2018	Solar air collectors with doubles glazed by different distances in support of mass flow	Chabane F., Sekseff E.	16314670	Instrumentation Mesure Metrologie	17	1	0	0	0	0	1	3	0	4	0	4
2018	Experimental investigation of the solar drying and solar collector design for drying agricultural product (MINT)	Chabane F., Adouane F.	22839216	Chemical Engineering Transactions	71		0	0	0	0	0	1	0	1	0	1
2018	Islamic inheritance calculation system based on Arabic ontology (AraFamOnto)	Zouaoui S., Rezeg K.	13191578	Journal of King Saud University - Computer and Information Sciences			0	0	0	0	0	1	1	2	0	2













2018	Air flow thermal and dynamic behavior inside ventilated cavities	Harnane Y., Bouzid S., Brima A.	22298649	International Journal of Automotive and Mechanical Engineering	15	3	0	0	0	0	0	0	0	0	0	0
2018	Optical performance study of different shapes of solar cavity receivers used in central receiver system plant	Arrif T., Benchabane A., Guermoui M., Gama A., Merarda H.	01430750	International Journal of Ambient Energy			0	0	0	0	0	1	3	4	0	4
2018	Optimisation of heliostat field layout for solar power tower systems using iterative artificial bee colony algorithm: a review and case study	Arrif T., Benchabane A., Germoui M., Bezza B., Belaid A.	01430750	International Journal of Ambient Energy			0	0	0	0	0	2	1	3	1	4
2018	Structural and electrical characterization of La <sup>3+</sup> substituted PMS-PZT (Zr/Ti:60/40) ceramics	Menasra H., Necira Z., Bounabe K., Abba M., Meklid A., Boutarfaia A.	20831331	Materials Science-Poland	36	1	0	0	0	0	0	0	1	1	0	1
2018	An improved CUDA-based hybrid metaheuristic for fast controller of an evolutionary robot	Benalia N.E.-H., Djedi N.E., Bitam S., Ouannes N., Duthen Y.	17411068	International Journal of Embedded Systems	10	5	0	0	0	0	0	0	2	2	0	2





2018	Effect of iron doping on physical properties of NiO thin films	Belahssen O., Ghougali M., Chala A.	20776772	Journal of Nano-and Electronic Physics	10	2	0	0	0	0	0	2	0	2	0	2
2018	Facial emotion detection in massive open online courses	Soltani M., Zarzour H., Babahenini M.C.	21945357	Advances in Intelligent Systems and Computing	745		0	0	0	0	1	4	1	6	0	6
2018	Effect of welding current on microstructures and mechanical properties of welded Ni-base superalloy INC738LC	Cherif S., Zakaria B.	17085284	World Journal of Engineering	15	1	0	0	0	0	0	1	2	3	0	3
2018	Overview of reconfigurable Petri nets	Padberg J., Kahloul L.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10800		0	0	0	0	1	7	3	11	0	11
2018	A dynamic and adaptable service composition architecture in the cloud based on a multi-agent system	Merizig A., Kazar O., Lopez-Sanchez M.	15541045	International Journal of Information Technology and Web Engineering	13	1	0	0	0	0	0	4	4	8	0	8

2018	Tool material effect on the friction stir butt welding of AA2124-T4 Alloy Matrix MMC	Bozkurt Y., Boumerzoug Z.	22387854	Journal of Materials Research and Technology	7	1	0	0	0	0	2	4	2	8	0	8
2018	A GRNN Based Algorithm for Output Power Prediction of a PV Panel	Kerbouche K., Haddad S., Rabhi A., Mellit A., Hassan M., El Hajjaji A.	23673370	Lecture Notes in Networks and Systems	35		0	0	0	0	0	1	0	1	0	1
2018	Fuzzy Logic Controller for Improving DC Side of PV Connected Shunt Active Filter Based on MPPT Sliding Mode Control	Krama A., Zellouma L., Rabhi B., Laib A.	23673370	Lecture Notes in Networks and Systems	35		0	0	0	0	0	0	0	0	0	0
2018	Druglikeness scoring and QSAR modeling of 1,3,4-thiadiazole derivatives as antitubulin agents by computational calculations	Aoumeur N., Tchouar N., Belaïdi S., Medjahed S., Oukil O., Lanez T.	15577910	Journal of Bionanoscience	12	3	0	0	0	0	0	0	0	0	0	0
2018	Study of mechanical properties and precipitation reactions in low copper containing Al-Mg-Si alloy	Belghit H., Farh H., Ziar T., Zidani M., Guemini M.	17333490	Archives of Metallurgy and Materials	63	4	0	0	0	0	0	2	0	2	0	2

2018	Optimal design of active tuned mass dampers for mitigating translational–Torsional motion of irregular buildings	Azimi M., Pan H., Abdeddaim M., Lin Z.	23662557	Lecture Notes in Civil Engineering	5		0	0	0	0	0	1	3	4	0	4
2018	Static and free vibration of plates with a strain based brick element	Messai A., Belounar L., Merzouki T.	17797179	European Journal of Computational Mechanics			0	0	0	0	0	3	1	4	0	4
2018	Lyman-alpha spectroscopy in non-commutative space-time	Moumni M., BenSlama A., Zaim S.	22236589	African Review of Physics	13		0	0	0	0	0	0	0	0	0	0
2018	Effect of annealing temperature on structural, optical and electrical properties of ZnO thin films prepared by sol-gel method	Benramache S., Aoun Y., Lakel S., Mourghade H., Gacem R., Benhaoua B.	20776772	Journal of Nano-and Electronic Physics	10	6	0	0	0	0	0	0	0	0	0	0
2018	New scheduling mechanism in multi-channel reconfigurable WSN under QoS and energy constraints	Aissa Y.B., Mosbahi O., Khalgui M., Bachir A.		32nd Annual European Simulation and Modelling Conference 2018, ESM 2018			0	0	0	0	0	2	1	3	0	3



2018	Controlling power output of solar chimney power plant according to demand	Djaouida B., Aouachria Z., Benmachiche A.H., Ali S.	01430750	International Journal of Ambient Energy			0	0	0	0	0	0	0	0	0	0
2018	Eco-concrete with incorporation of blast furnace slag as natural aggregates replacement	Senani M., Ferhoune N., Guettala A., Aguiar J.B.		Science and Technology of Materials			0	0	0	0	0	0	0	0	0	0
2018	The transverse shear effect of a new plate bending finite element based on the strain approach	Abderrahmani S., Maalem T., Hamadi D.	16633571	International Journal of Engineering Research in Africa	35		0	0	0	0	0	0	0	0	0	0
2018	Microstructural evolution and mechanical properties during homogenization and ageing treatment of Al-Mg-Si alloy wire cold drawn	Bayarassou M., Zidani M., Farh H.	16633571	International Journal of Engineering Research in Africa	36		0	0	0	0	1	2	0	3	0	3
2018	Extending GSPNs for the modelling, analysis and performance evaluation of dynamic systems	Tigane S., Kahloul L., Bourekache S., Baair S.	17578779	International Journal of Critical Computer-Based Systems	8	1	0	0	0	0	0	1	1	2	1	3



2018	On Enhancing Location Privacy and QoS for Video Streaming Over Wireless Networks	Senoussi N.E.H., Kerdoudi M.L., Bachir A., Bouabdallah A.		2018 IEEE Global Communications Conference, GLOBECOM 2018 - Proceedings			0	0	0	0	0	0	0	0	0	0
2018	Allocation strategy for cloud datacenter based on multi agent and CP approach	Soltane M., Okba K., Mostafa E., Makhlouf D.	23673370	Lecture Notes in Networks and Systems	25		0	0	0	0	0	0	0	0	0	0
2018	Numerical modeling of the dynamic behavior of rigid retaining walls subjected to real near-fault ground motions and estimation of seismic lateral earth pressures	Bouraoui Z., Benmebarek S., Lopez-Caballero F.	16633571	International Journal of Engineering Research in Africa	39		0	0	0	0	0	0	0	0	0	0
2018	Effect of FSW process parameters on strength and peak temperature for joining high-density polyethylene (HDPE) sheets	Raouache E., Boumerzoug Z., Rajakumar S., Khalfallah F.	11697954	Revue des Composites et des Materiaux Avances	28	2	0	0	0	0	0	0	0	0	0	0
2018	Toolpath simulation of 3-axis parallel machine tool using geometrical model	Bourebou A., Hacini M., Assas M., Fedaoui K., Amouri A.	14542358	UPB Scientific Bulletin, Series D: Mechanical Engineering	80	4	0	0	0	0	0	1	0	1	0	1

2018	Aspects of ecological anatomy of <i>traganum nudatum</i> Del. (Amaranthaceae) from the northeast of the Algerian Sahara	Kherraze M.E., Belhamra M., Grigore M.-N.	1588385X	Acta Biologica Szegediensis	62	1	0	0	0	0	0	0	0	0	0	0
2018	Solution flow rate influence on ZnS thin films properties grown by ultrasonic spray for optoelectronic application	Derbali A., Saidi H., Attaf A., Benamra H., Bouhdjer A., Attaf N., Ezzaouia H., Derbali L., Aida M.S.	16744926	Journal of Semiconductors	39	9	0	0	0	0	0	0	2	2	0	2
2018	Antibacterial activity and DPPH• radical scavenging of differents metabolites extracted from two plants: Essential Oil From ( <i>Matricaria recutita</i> L.) And flavonoids from flowers and leaves of ( <i>Hibiscus rosasinensis</i> L.)	Chouia A., Chouikh A., Alia F., Adjal E.H., Chefrour A., Ait Kaki Y.	12245119	Analele Universitatii din Oradea, Fascicula Biologie	25	1	0	0	0	0	0	0	0	0	0	0
2018	Simulation of the potential and electric field distribution on high voltage insulator using the finite element method	Benguesmia H., M'Ziou N., Boubakeur A.	16416414	Diagnostyka	19	2	0	0	0	0	0	1	2	3	0	3
2018	Modeling and optimization of the magnetohydrodynamic conduction pump by particle swarm method	Bouali K., Kadid F.Z., Abdessemed R., Taleb Ahmed A., Toumi A.	17353572	Journal of Applied Fluid Mechanics	11	3	0	0	0	0	0	1	0	1	0	1





2017	Evaluation of bond strength between sand concrete as new repair material and ordinary concrete substrate (The surface roughness effect)	Gadri K., Guettala A.	09500618	Construction and Building Materials	157		0	0	0	0	3	4	7	14	0	14
2017	Model driven flexible design of a wireless body sensor network for health monitoring	Harbouche A., Djedi N., Erradi M., Ben-Othman J., Kobbane A.	13891286	Computer Networks	129		0	0	0	2	3	3	4	12	0	12
2017	DWT for rotor bars fault detection applied to backstepping control induction motor drive in low-speed	Ameid T., Menacer A., Romary R., Pusca R., Talhaoui H.		Proceedings IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society	2017-		0	0	0	0	0	0	0	0	0	0
2017	Implementation of direct stator voltage control of stand-alone DFIG-based wind energy conversion system	Chabani M.S., Benchouia M.T., Golea A., Boumaaraf R.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	1	0	1	0	1
2017	EMD based denoising for modeling radar sea clutter using generalized Pareto distribution	Bentoumi A., Mezache A.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	0	1	1	0	1

2017	Inhomogeneous barrier height effect on the current-voltage characteristics of a W/4H-Sic Schottky diode	Kamal Z., Lakhdar D.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	0	2	2	0	2
2017	Static eccentricity fault detection of induction motors using MVSA, MCSA and discrete wavelet transform (DWT)	Bessous N., Zouzou S.E., Sbaa S., Bentrah W., Becer Z., Ajgou R.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	2	2	0	4	0	4
2017	Solving smooth and non-smooth economic dispatch using water cycle algorithm	Dihem A., Salhi A., Naimi D., Bensalem A.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	2	2	2	6	0	6
2017	PEvoRNN: Extended CUDA-based hybrid parallel evolutionary robot controller	Benalia N.E.-H., Djedi N.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	0	0	0	0	0
2017	A distance weighted-based approach for self-organized aggregation in robot swarms	Khaldi B., Harrou F., Cherif F., Sun Y.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	1	2	3	0	3



2017	Sensorless speed estimation and backstepping control of induction motor drive using model reference adaptive system	Ameid T., Menacer A., Talhaoui H., Ammar A., Azzoug Y.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-			0	0	0	0	2	1	0	3	0	3
2017	Predictive direct torque control with reduced ripples and fuzzy logic speed controller for induction motor drive	Ammar A., Talbi B., Ameid T., Azzoug Y., Kerrache A., Bourek A., Benakcha A.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-			0	0	0	0	0	2	1	3	0	3
2017	New vision about the overlap frequencies in the MCSA-FFT technique to diagnose the eccentricity fault in the induction motors	Bessous N., Sbaa S., Zouzou S.E., Bentrah W., Becer Z., Zarour L.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-			0	0	0	0	2	3	0	5	0	5
2017	Application of new quantitative and qualitative study based on DWT method to diagnose the eccentricity fault in induction motors	Bessous N., Sbaa S., Zouzou S.E., Bentrah W., Becer Z., Zarour L.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-			0	0	0	0	0	0	0	0	0	0
2017	Evaluation of multi-user effects on the channel in the TH-UWB communication systems	Ghendir S., Aigou R., Sbaa S., Al-Sherbaz A.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-			0	0	0	0	0	1	0	1	0	1

2017	Gaussian process with linear discriminant analysis for predicting hourly global horizontal irradiance in Tamanrasset, Algeria	Zemouri N., Bouzgou H., Gueymard C.A.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	2	0	2	0	2
2017	Modeling and control technics for autonomous electric and hybrid vehicles path following	Bacha S., Ayad M.Y., Saadi R., Aboubou A., Bahri M., Becherif M.		2017 5th International Conference on Electrical Engineering - Boumerdes, ICEE-B 2017	2017-		0	0	0	0	0	2	0	2	0	2
2017	Contribution to the Study of the Reduction of Energy Consumption through the Exchanger Coupled Conventional Air-Ground-Air Conditioner. Application to the Building	Benhamza M.E., Brima A., Houda S., Moumami N.	10992871	Heat Transfer - Asian Research	46	8	0	0	0	0	0	1	1	2	0	2
2017	Direct field-oriented control using fuzzy logic type-2 for induction motor with broken rotor bars	Saad B., Golea A.	12404535	Advances in Modelling and Analysis C	72	4	0	0	0	0	1	1	0	2	0	2
2017	Fuzzy sliding mode speed controller design of induction motor drives with broken bars	Saad B., Golea A.	12404535	Advances in Modelling and Analysis C	72	4	0	0	0	0	1	0	0	1	0	1



2017	Rotor resistance estimation using Extended Kalman filter and spectral analysis for rotor bar fault diagnosis of sensorless vector control induction motor	Ameid T., Menacer A., Talhaoui H., Harzelli I.	02632241	Measurement: Journal of the International Measurement Confederation	111		0	0	0	0	7	8	7	22	0	22
2017	On settlement prediction of soft clay reinforced by a group of stone columns	Tabchouche S., Mellas M., Bouassida M.	23644176	Innovative Infrastructure Solutions	2	1	0	0	0	1	1	2	1	5	0	5
2017	Al-doped and pure ZnO thin films elaborated by sol-gel spin coating process for optoelectronic applications	Maache M., Devers T., Chala A.	10637826	Semiconductors	51	12	0	0	0	0	0	5	2	7	0	7
2017	Quantitative structure anti-proliferative activity against HEPG2 and SW1116 relationships in a series of Pyrazine Derivatives	Soualmia F., Belaidi S., Belaidi H., Tchouar N., Almi Z.	15577910	Journal of Bionanoscience	11	6	0	0	0	0	4	1	1	6	0	6
2017	Fixed point theorem for generalized set-valued contractions on partialmetric spaces	Djedidi M., Mansour A., Nachi K.	00492930	Tamkang Journal of Mathematics	48	4	0	0	0	0	0	1	0	1	0	1

2017	First-principle calculations of structural, electronic, optical, elastic and thermal properties of MgXAs $\times 2$ (X = Si, Ge) compounds	Cheddadi S., Boubendira K., Meradji H., Ghemid S., Hassan F.E.H., Lakel S., Khenata R.	03044289	Pramana - Journal of Physics	89	6	0	0	0	0	0	3	1	4	0	4
2017	An integral sliding mode controller with super-twisting algorithm for direct power control of wind generator based on a doubly fed induction generator	Tria F.Z., Srairi K., Benchouia M.T., Benbouzid M.E.H.	09756809	International Journal of Systems Assurance Engineering and Management	8	4	0	0	0	0	2	7	2	11	0	11
2017	The Marshall–Olkin extended generalized Lindley distribution: Properties and applications	Benkhelifa L.	03610918	Communications in Statistics: Simulation and Computation	46	10	0	0	0	0	0	1	3	4	0	4
2017	Service discovery for the internet of things: Comparison study of the approaches	Aziez M., Benharzallah S., Bennoui H.		2017 4th International Conference on Control, Decision and Information Technologies, CoDIT 2017	2017-		0	0	0	0	0	3	3	6	0	6
2017	The performance measure of a data driven prognostic system: Application to an Aircraft Engine	Bouzidi Z., Terrissa L., Lahmadi A., Zerhouni N., Ayad S.		2017 4th International Conference on Control, Decision and Information Technologies, CoDIT 2017	2017-		0	0	0	0	1	1	0	2	0	2

2017	A new hybrid access control model for multi-domain systems	Hasiba B.A., Kahloul L., Benharzallah S.		2017 4th International Conference on Control, Decision and Information Technologies, CoDIT 2017	2017-		0	0	0	0	1	1	1	3	0	3
2017	A web services based solution for the NAO robot in cloud robotics environment	Bouziane R., Terrissa L.S., Ayad S., Brethe J.-F., Kazar O.		2017 4th International Conference on Control, Decision and Information Technologies, CoDIT 2017	2017-		0	0	0	0	1	0	0	1	0	1
2017	Creative commons as activation tools for enabling open educational resources: Toward a new vision of the intellectual property rights in an open education environment	Bioud N., Benzakka W., Caid K.		2017 Joint International Conference on Information and Communication Technologies for Education and Training and International Conference on			0	0	0	0	0	1	0	1	0	1
2017	Influence of heating temperature on the aluminum used for electric cables	Fellah L., Diha A., Boumerzoug Z.	0094243X	AIP Conference Proceedings	1899		0	0	0	0	0	0	0	0	0	0
2017	Synergistic extraction of nickel(II) from a sulfate medium by a mixture of N-(2-hydroxybenzylidene)aniline and methyl-isobutyl ketone	Almi S., Adjel F., Barkat D.	24701556	Inorganic and Nano-Metal Chemistry	47	11	0	0	0	0	0	0	2	2	0	2

2017	Monitoring a robot swarm using a data-driven fault detection approach	Khaldi B., Harrou F., Cherif F., Sun Y.	09218890	Robotics and Autonomous Systems	97		0	0	0	1	7	5	5	18	0	18
2017	Simulation and real time implementation of predictive direct power control for three phase shunt active power filter using robust phase-locked loop	Ouchen S., Betka A., Gaubert J.-P., Abdeddaim S.	1569190X	Simulation Modelling Practice and Theory	78		0	0	0	0	8	8	4	20	1	21
2017	Phenolic compounds, antioxidant and antibacterial activities of Zizyphus lotus L. leaves extracts	Benslama A., Harrar A., Gul F., Demirtas I.	22103155	Natural Products Journal	7	4	0	0	0	0	0	2	2	4	0	4
2017	Erratum to: Modelling of a Cd <sub>1-x</sub> Zn <sub>x</sub> Te/ZnTe Single Quantum Well for Laser Diodes (Journal of ELECTRONIC MATERIALS, (2017), 46, 2, (775-781), 10.1007/s11664-016-4984-5)	Dehimi S., Dehimi L., Asar T., Ozcelik S.	03615235	Journal of Electronic Materials	46	11	0	0	0	0	0	0	0	0	0	0
2017	Sliding mode control of grid connected brushless doubly fed induction generator driven by wind turbine in variable speed	Mahboub M.A., Drid S., Sid M.A., Cheikh R.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	0	0	0	0	5	4	9	0	9







2017	Efficiency optimization for sensorless induction motor controlled by MRAS based hybrid FOC-DTC strategy	Ammar A., Bourek A., Benakcha A.		2017 International Conference on Control, Automation and Diagnosis, ICCAD 2017			0	0	0	0	0	0	0	0	0	0
2017	A new GLBSIF descriptor for face recognition in the uncontrolled environments	Ameur B., Belahcene M., Masmoudi S., Derbel A.G., Ben Hamida A.		Proceedings - 3rd International Conference on Advanced Technologies for Signal and Image Processing, ATSIP 2017			0	0	0	0	2	2	1	5	0	5
2017	On predicting the residence time of mobile users at relevant places	Sassi A., Henouda S.E., Bachir A.		2017 International Symposium on Networks, Computers and Communications, ISNCC 2017			0	0	0	0	0	0	0	0	0	0
2017	Unsupervised geodesic convex combination of shape dissimilarity measures	Mokhtari B., Melkemi K.E., Michelucci D., Foufou S.	01678655	Pattern Recognition Letters	98		0	0	0	0	0	0	1	1	0	1
2017	Accurate measurement of Aluminum layer thickness in a multilayer material using eddy current sensor	El Ghoul I.N., Cheriet A., Bensaid S., Lakhdari A.E.		Proceedings of 2016 International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2016			0	0	0	0	1	0	0	1	0	1





2017	Influence of molybdenum oxide on structural, optical and physical properties of oxychloride glasses for nonlinear optical devices	Goumeidane F., lezid M., Melik B., Ouannes K., Legouera M., Poulain M., Satyanarayana T., Prasad P.S., Rao P.V.	02728842	Ceramics International	43	14	0	0	0	0	1	2	4	7	0	7
2017	$\text{La}_{1-x}\text{Sr}_x\text{Fe}_{0.7-x}\text{Ni}_{0.3}\text{O}_{3-\Delta}$ as both cathode and anode materials for Solid Oxide Fuel Cells	Ben Mya O., dos Santos-Gomez L., Porras-Vazquez J.M., Omari M., Ramos-Barrado J.R., Marrero-Lopez D.	03603199	International Journal of Hydrogen Energy	42	36	0	0	0	0	0	2	4	6	0	6
2017	Solvent extraction studies of cobalt(II) by capric acid from sodium sulfate solution	Benalia H., Barkat D.	01932691	Journal of Dispersion Science and Technology	38	9	0	0	0	2	1	0	1	4	0	4
2017	Study of the combined effect of different types of sand on the characteristics of high performance self-compacting concrete	Necira B., Guettala A., Guettala S.	01694243	Journal of Adhesion Science and Technology	31	17	0	0	0	0	0	3	1	4	0	4
2017	Synthesis, Structural and Physicochemical Characterization of Nanocrystalline $\text{La}_{1-x}\text{Na}_x\text{CrO}_3$ Powders by Sol-Gel Method	Fodil H., Omari M.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	27	5	0	0	0	0	0	1	0	1	0	1



2017	Inégalités stochastiques pour le modèle d'attente M/G/1/1 avec rappels	Boualem M., Cherfaoui M., Djellab N., Aissani D.	10129405	Afrika Matematika	28	5-6	0	0	0	0	0	4	0	4	0	4
2017	Ab initio study of electronic structure and magnetic properties of CoMnTaZ (Z = Si, Ge) quaternary Heusler compounds	Attallah M., Ibrir M., Berri S., Lakel S.	18626351	Physica Status Solidi (C) Current Topics in Solid State Physics	14	9	0	0	0	0	0	1	1	2	0	2
2017	RFID Authentication Protocols Based on Error-Correcting Codes: A Survey	Chikouche N., Cherif F., Cayrel P.-L., Benmohammed M.	09296212	Wireless Personal Communications	96	1	0	0	0	0	2	3	0	5	0	5
2017	Pyramid multi-level features for facial demographic estimation	Bekhouche S.E., Ouafi A., Dornaika F., Taleb-Ahmed A., Hadid A.	09574174	Expert Systems with Applications	80		0	0	0	1	4	10	15	30	0	30
2017	Parallelization Strategy for Elementary Morphological Operators on Graphs: Distance-Based Algorithms and Implementation on Multicore Shared-Memory Architecture	Youkana I., Cousty J., Saouli R., Akil M.	09249907	Journal of Mathematical Imaging and Vision	59	1	0	0	0	0	0	2	0	2	0	2

2017	Personality Traits and Job Candidate Screening via Analyzing Facial Videos	Bekhouche S.E., Dornaika F., Ouafi A., Taleb-Ahmed A.	21607508	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	2017-		0	0	0	0	0	0	6	6	0	6
2017	Depth factors for undrained bearing capacity of circular footing by numerical approach	Benmebarek S., Saifi I., Benmebarek N.	16747755	Journal of Rock Mechanics and Geotechnical Engineering	9	4	0	0	0	0	0	6	4	10	0	10
2017	A review of studies on geothermal energy system applied on sub-saharan climate regions	Atia A., Hadjadj A., Benhaoua B., Lebbihiat N., Brima A.	0972057X	Water and Energy International	60	5	0	0	0	0	0	0	1	1	0	1
2017	Comparison of thermal and hydraulic performances of eccentric and concentric annular-fins of heat exchanger tubes	Benmachiche A.H., Tahrour F., Aissaoui F., Aksas M., Bougriou C.	09477411	Heat and Mass Transfer/Waerme- und Stoffuebertragung	53	8	0	0	0	0	1	6	3	10	0	10
2017	Theoretical Study of Electronic and Magnetic Properties of Newly Derived Iron–Pnictide Compound	Hassaine I., Ouahab A., Boukraa A.	15571939	Journal of Superconductivity and Novel Magnetism	30	8	0	0	0	0	0	1	0	1	0	1



2017	Preparation of Mg–Al layered double hydroxide adsorbent: Characterization and adsorptive removal of Co (II) ions from aqueous solutions	Rouahna N., Barkat D., Ouakouak A., Srasra E.	1546198X	Sensor Letters	15	8	0	0	0	0	0	0	2	1	3	0	3
2017	Property/activity relationships and drug likeness for pyrimidine derivatives as serine/threonine protein Kinase B inhibitors	Khamouli S., Belaidi S., Almi Z., Medjahed S., Belaidi H.	15577910	Journal of Bionanoscience	11	4	0	0	0	1	5	0	1	7	0	7	
2017	A novel statistical and multiscale local binary feature for 2D and 3D face verification	Ouamane A., Boutellaa E., Bengherabi M., Taleb-Ahmed A., Hadid A.	00457906	Computers and Electrical Engineering	62		0	0	0	1	0	2	2	5	0	5	
2017	[Ethnobotanical and phytochemical Studies and assessment of antimicrobial activity of the leaves of pistachio oleoresin of the atlas ( <i>Pistacia atlantica</i> Desf.), Études ethnobotanique, phytochimique et valorisation de l'activité antimicrobienne des feuilles et de l'oléorésine du pistachier de l'atlas ( <i>Pistacia atlantica</i> Desf.)]	Benabdallah F.Z., Kouame R.O., El Bentchikou M., Zellagui A., Gherraf N.	16248597	Phytotherapie	15	4	0	0	0	1	0	1	0	2	0	2	
2017	First detection of VIM-2 metallo- $\beta$ -lactamase-producing <i>Pseudomonas putida</i> in <i>Blattella germanica</i> cockroaches in an Algerian hospital	Loucif L., Cherak Z., Chamlal N., Bendjama E., Gacemi-Kirane D., Grainat N., Rolain J.-M.	00664804	Antimicrobial Agents and Chemotherapy	61	8	0	0	0	0	2	0	0	2	0	2	



2017	Closed loop torque SVM-DTC based on robust super twisting speed controller for induction motor drive with efficiency optimization	Ammar A., Benakcha A., Bourek A.	03603199	International Journal of Hydrogen Energy	42	28	0	0	0	1	10	11	5	27	0	27
2017	Experimental study of pollution effect on the behavior of high voltage insulators under alternative current	Benguesmia H., M'Ziou N., Boubakeur A.	20951701	Frontiers in Energy			0	0	0	0	0	0	0	0	0	0
2017	Influence of the solvent on the extraction of copper(II) from nitrate medium using salicylideneaniline	Guerdouh A., Barkat D.	01932691	Journal of Dispersion Science and Technology	38	7	0	0	0	0	0	0	0	0	0	0
2017	Web service selection based on TOPSIS algorithm	Kazar O., Rezeg K., Belouaar H.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	0	1	3	4	0	4
2017	Reconfigurable stochastic Petri nets: A new formalism for reconfigurable discrete event systems	Tigane S., Kahloul L., Bourekkache S.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	0	3	1	4	1	5

2017	Formal specification, verification and evaluation of the MQTT protocol in the Internet of Things	Houimli M., Kahloul L., Benaoun S.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	4	5	4	13	0	13
2017	The optimal process planning for reconfigurable manufacturing systems	Belaiche L., Kahloul L.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	0	4	0	4	0	4
2017	Inclination Factors for Strip Footings on Non-Homogeneous Clay	Ouahab M.Y., Mabrouki A., Mellas M., Benmeddour D.	00380741	Soil Mechanics and Foundation Engineering	54	3	0	0	0	0	0	0	0	0	0	0
2017	Contribution to a study of the effect of the essential oil of henna ( <i>Lawsonia inermis</i> L), on the biological aspect of white scale ( <i>Parlatoria blanchardi</i> targ) of date palm	Benaissa K., Belhamra M.	00195464	Indian Journal of Pharmaceutical Education and Research	51	3	0	0	0	0	0	0	0	0	0	0
2017	An optimization of the extraction and the physicochemical proprieties of the essential oil of <i>Lawsonia inermis</i> L. cultivated in Biskra (department of Algeria)	Benaissa K., Belhamra M.	00195464	Indian Journal of Pharmaceutical Education and Research	51	3	0	0	0	0	1	0	0	1	0	1

2017	Adaptive MRAC-based direct torque control with SVM for sensorless induction motor using adaptive observer	Ammar A., Benakcha A., Bourek A.	02683768	International Journal of Advanced Manufacturing Technology	91	5-8	0	0	0	0	0	1	2	3	0	3
2017	An ontology based context model for the discovery of IoT services in the Internet of Things	Aziez M., Benharzallah S., Bennoui H.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	1	2	1	4	0	4
2017	A new approach based mobile agent system for ensuring secure big data transmission and storage	Dounya K., Okba K., Hamza S., Safa S., Iman H., Omar B.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	0	0	0	0	0	0
2017	Smart house simulation based multi-agent system and internet of things	Zouai M., Kazar O., Haba B., Saouli H.		Proceedings of the 2017 International Conference on Mathematics and Information Technology, ICMIT 2017	2018-		0	0	0	0	1	5	0	6	0	6
2017	Anti-windup proportional integral strategy for shunt active power filter interfaced by photovoltaic system using technique of direct power control	Krama A., Zellouma L., Rabhi B.	00354066	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	62	3	0	0	0	0	1	2	0	3	0	3

2017	Face antispoofing based on frame difference and multilevel representation	Benlamoudi A., Aiadi K.E., Ouafi A., Samai D., Oussalah M.	10179909	Journal of Electronic Imaging	26	4	0	0	0	0	4	1	3	8	0	8
2017	Real-time wrist localization in color images based on corner analysis	Medjram S., Babahenini M.C., Taleb-Ahmed A., Mohamed Ben Ali Y.	13807501	Multimedia Tools and Applications	76	14	0	0	0	0	1	0	2	3	0	3
2017	Secure Routing in Cluster-Based Wireless Sensor Networks	Mezrag F., Bitam S., Mellouk A.		2017 IEEE Global Communications Conference, GLOBECOM 2017 - Proceedings	2018-		0	0	0	0	0	3	2	5	1	6
2017	Solid-liquid equilibria of eicosane, tetracosane or biphenyl + 1-octadecanol, or + 1-eicosanol mixtures	Boudouh I., Gonzalez J.A., Djemai I., Barkat D.	03783812	Fluid Phase Equilibria	442		0	0	0	0	1	0	0	1	0	1
2017	Sensorless stator field oriented-direct torque control with SVM for induction motor based on MRAS and fuzzy logic regulation	Ammar A., Bourek A., Benakcha A., Ameid T.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	1	0	4	3	8	0	8

2017	A comparative study between the MCSA, DWT and the vibration analysis methods to diagnose the dynamic eccentricity fault in induction motors	Bessous N., Zouzou S.E., Sbaa S., Bentrah W.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	4	2	5	2	13	0	13
2017	Differential evolution based identification of the LuGre friction model in the cart motion of an inverted pendulum system	Megherbi H., Megherbi A.C.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	0	0	0	1	1	0	1
2017	Simulation and practical implementation of direct power control applied on PWM rectifier	Ouchen S., Betka A., Gaubert J.P., Abdeddaim S.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	0	1	2	1	4	0	4
2017	A measurement-based fault detection approach applied to monitor robots swarm	Khalidi B., Harrou F., Sun Y., Cherif F.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	0	0	1	0	1	0	1
2017	Active and reactive power control of a DFIG for variable speed wind energy conversion	Mazouz F., Belkacem S., Harbouche Y., Abdessemed R., Ouchen S.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	0	5	5	2	12	0	12

2017	Backstepping control for induction motor drive using reduced model in healthy state: Simulation and experimental study	Ameid T., Menacer A., Talhaoui H., Harzelli I., Ammar A.		2017 6th International Conference on Systems and Control, ICSC 2017			0	0	0	2	0	1	0	3	0	3
2017	Luciobarbus chelifensis and L. Mascarensis, two new species from Algeria (Teleostei: Cyprinidae)	Brahimi A., Freyhof J., Henrard A., Libois R.	11755326	Zootaxa	4277	1	0	0	0	0	2	1	0	3	0	3
2017	Effect of the mineralization on removing the humic substances by adsorption on activated carbon	Guergazi S., Hamzaoui S., Achour S.	19443994	Desalination and Water Treatment	78		0	0	0	1	0	0	0	1	0	1
2017	Numerical and experimental investigation on the transient behavior of an earth air heat exchanger in continuous operation mode	Belloufi Y., Brima A., Zerouali S., Atmani R., Aissaoui F., Rouag A., Moumni N.	03928764	International Journal of Heat and Technology	35	2	0	0	0	0	5	0	0	5	1	6
2017	Forward-Backward SDEs Driven by Lévy Process in Stopping Time Duration	Guerdouh D., Khelfallah N.	21946701	Communications in Mathematics and Statistics	5	2	0	0	0	0	0	0	1	1	0	1



2017	In vitro antifungal activity of some schiffbases derived from ortho-hydroxybenzaldehyde against Fusarium	Belghit M.Y., Moussi A., Barkat D.	18234690	Journal of Engineering Science and Technology	12	6	0	0	0	0	1	0	0	1	0	1
2017	FEM to investigate the effect of overlapping reinforcement on the performance of back-to-back embankment bridge approaches under self-weight	Benmebarek S., Djabri M.	22143912	Transportation Geotechnics	11		0	0	0	0	1	0	4	5	0	5
2017	Numerical study on thermal performance of a solar air collector with fins and baffles attached over the absorber plate	Aissaoui F., Benmachiche A.H., Brima A., Belloufi Y., Belkhiri M.	03928764	International Journal of Heat and Technology	35	2	0	0	0	0	1	0	0	1	0	1
2017	A Hybrid Big Bang–Big Crunch optimization algorithm for solving the different economic load dispatch problems	Labbi Y., Attous D.B.	09756809	International Journal of Systems Assurance Engineering and Management	8	2	0	0	0	0	0	5	1	6	0	6
2017	Quasi-2D model for computation of supercritical free surface flow in sudden expansion	Amara L., Berreksi A., Achour B.	0307904X	Applied Mathematical Modelling	46		0	0	0	1	0	0	1	2	0	2



2017	Comparing habitat preferences of a set of waterbird species wintering in the coastal wetlands of North Africa: Implication for management	Elafri A., Belhamra M., Houhamdi M.	1335342X	Ekologia Bratislava	36	2	0	0	0	0	0	0	3	3	0	3
2017	Chronopotentiometric evaluation of enhanced counter-ion transport through anion exchange membranes in electromembrane processes	Zerdoumi R., Chatta H., Mellahi D., Oulmi K., Ferhat M., Ourari A.	19443994	Desalination and Water Treatment	78		0	0	0	0	0	0	0	0	0	0
2017	Zinc-Blende MnTe Under Pressure: Structural, Mechanical, and Optical Properties from Ab Initio Calculation	Khalidi A., Ghodbane H., Bouarissa N., Daoud S., Rouabah Z., Laurent-Tabourot	15571939	Journal of Superconductivity and Novel Magnetism	30	6	0	0	0	0	1	2	1	4	0	4
2017	An investigation on combined operation of five-level shunt active power filter with PEM fuel cell	Benaissa A., Rabhi B., Benkhoris M.F., Zellouma L.	09487921	Electrical Engineering	99	2	0	0	0	0	1	3	1	5	0	5
2017	A new analytical model dedicated to diagnose the rolling bearing damage in induction motors - Simulation and experimental investigation - Simulation a	Bessous N., Zouzou S.E., Chems A.		4th International Conference on Control Engineering and Information Technology, CEIT 2016			0	0	0	3	3	3	1	10	0	10

2017	Extraction and Concentration Effect on Dimerization of Copper(II) Caprate	Benalia H., Barkat D.	08827508	Mineral Processing and Extractive Metallurgy Review	38	3	0	0	0	0	0	0	1	1	0	1
2017	[Organic agriculture, a development tool for the date value chain in the Ziban region of Algeria, L'agriculture biologique, un outil de développement de la filière dattes dans la région des Ziban en Algérie]	Benziouche S.E.	11667699	Cahiers Agricultures	26	3	0	0	0	0	1	1	0	2	0	2
2017	Numerical Investigation of a Vertical Axis Tidal Turbine with Deforming Blades	Bouzaher M.T., Hadid M.	2193567X	Arabian Journal for Science and Engineering	42	5	0	0	0	0	2	4	2	8	0	8
2017	Determination of acid dissociation constants of some substituted salicylideneanilines by spectroscopy. Application of the Hammett relation	Hadjeb R., Barkat D.	18785352	Arabian Journal of Chemistry	10		1	0	0	0	0	0	1	1	1	3
2017	[Groundwater governance in Algerian Sahara: Challenges, legal framework and local practices, La gouvernance de l'Eau souterraine dans le Sahara algérien: enjeux, cadre légal et pratiques locales]	Daoudi A., Lejars C., Benouniche N.	11667699	Cahiers Agricultures	26	3	0	0	0	0	2	0	0	2	0	2

2017	Retrofitting of a weaker building by coupling it to an adjacent stronger building using MR dampers	Abdeddaim M., Ounis A., Shrimali M.K., Datta T.K.	12254568	Structural Engineering and Mechanics	62	2	0	0	0	1	1	2	4	8	0	8
2017	Still image compression using Curvelets and logarithmic scalar quantization technique	Kadri O., Baarir Z.-E.		International Conference on Multimedia Computing and Systems - Proceedings	0		0	0	0	0	1	1	0	2	0	2
2017	Three-phase four-wire shunt active filter under unbalanced loads with backstepping and PI controllers	Mahni T., Benchouia M.T., Ghamri A., Golea A.	1448837X	Australian Journal of Electrical and Electronics Engineering	14	1-2	0	0	0	0	1	0	0	1	0	1
2017	Assessment of surface water quality of Ain Zada dam (Algeria) using multivariate statistical techniques	Bouguerne A., Boudoukha A., Benkhaled A., Mebarkia A.-H.	15715124	International Journal of River Basin Management	15	2	0	0	0	1	2	5	8	16	0	16
2017	Sensorless SVM-Direct Torque Control for Induction Motor Drive Using Sliding Mode Observers	Ammar A., Bourek A., Benakcha A.	21953880	Journal of Control, Automation and Electrical Systems	28	2	0	0	0	3	2	6	5	16	0	16

2017	Structural, optical and electrical properties of zinc oxide thin films deposited by sol-gel spin coating technique	Dahnoun M., Attaf A., Saidi H., Yahia A., Khelifi C.	00304026	Optik	134		0	0	0	1	5	8	3	17	0	17
2017	Bearing Capacity of Embedded Strip Footings on Cohesionless Soil Under Vertical and Horizontal Loads	Yahia-Cherif H., Mabrouki A., Benmeddour D., Mellas M.	09603182	Geotechnical and Geological Engineering	35	2	0	0	0	0	2	3	3	8	0	8
2017	Existence and optimality conditions for relaxed mean-field stochastic control problems	Bahlali K., Mezerdi M., Mezerdi B.	01676911	Systems and Control Letters	102		0	0	0	0	1	0	1	2	0	2
2017	An improved problem aware local search algorithm for the DNA fragment assembly problem	Ben Ali A., Luque G., Alba E., Melkemi K.E.	14327643	Soft Computing	21	7	0	0	0	0	2	0	2	4	0	4
2017	A comparative experimental study of direct torque control based on adaptive fuzzy logic controller and particle swarm optimization algorithms of a permanent magnet synchronous motor	Mesloub H., Benchouia M.T., Golea A., Golea N., Benbouzid M.E.H.	02683768	International Journal of Advanced Manufacturing Technology	90	1-4	0	0	0	1	2	3	2	8	0	8

2017	Modeling and simulation of Zn <sub>x</sub> Cd <sub>1-x</sub> Te/ZnTe quantum well structure for laser applications	Dehimi S., Dehimi L., Asar T., Mebarki B., Ozcelik S.	00304026	Optik	135		0	0	0	0	2	1	2	5	0	5
2017	The LQR control active of smart plate based on the finite element method	Latrache M., Amrane M.N.	03246051	Periodica Polytechnica Mechanical Engineering	61	2	0	0	0	0	1	0	0	1	0	1
2017	A new cloud computing approach based SVM for relevant data extraction	Hamza S., Abderaouf G., Abdelhak M., Okba K.		ACM International Conference Proceeding Series	129474		0	0	0	0	0	1	2	3	0	3
2017	Electronic structure of the rare-earth superstoichiometric dihydride GdH <sub>2.25</sub>	Ayat Z., Boukraa A., Ouahab A., Daoudi B.	10010521	Rare Metals			0	0	0	0	0	0	0	0	0	0
2017	An experimental and a numerical study of horizontal earth-air heat exchanger in a hot climate	Benhamza M.E.G., Brima A., Houda S., Moummi N.	19397038	International Journal of Sustainable Engineering	10	2	0	0	0	0	0	1	1	2	0	2





2017	Steady and unsteady state thermal behaviour of triple concentric-tube heat exchanger	Boultif N., Bougriou C.	09477411	Heat and Mass Transfer/Waerme- und Stoffuebertragung	53	3	0	0	0	1	0	2	1	4	0	4
2017	Production contract performance in tomato processing industry: Analysis of algerian case	Benmehaia A.M., Brabez F., Benharrath O.	18436110	Journal of Applied Economic Sciences	12	2	0	0	0	0	0	0	0	0	0	0
2017	[Environmental variations of blood parameters of Ouled Djellal ewes at 3 altitudes under extensive condition, Algeria, Variations environnementales de paramètres sanguins de brebis Ouled Djellal à 3 altitudes en élevage extensif, Algérie]	Titaouine M., Bergonier D., Meziane T., Deghnouche K., Mohamdi H.	01213784	Livestock Research for Rural Development	29	3	0	0	0	0	0	0	0	0	0	0
2017	On tuning the preferential crystalline orientation of spray pyrolysis deposited indium oxide thin films	Attaf A., Bouhdjer A., Saidi H., Aida M.S., Attaf N., Ezzaouia H.	00406090	Thin Solid Films	625		0	0	0	0	2	1	3	6	0	6
2017	Complete flood frequency analysis in Abiod watershed, Biskra (Algeria)	Benameur S., Benkhaled A., Meraghni D., Chebana F., Necir A.	0921030X	Natural Hazards	86	2	0	0	0	2	1	2	3	8	0	8

2017	Phenomenological modeling of orthophosphates transfer through a nanofiltration membrane	Abidi A., Iezid M., Ramdani M., Ismail F., Chala A., Gherraf N.	19443994	Desalination and Water Treatment	67		0	0	0	0	0	0	0	0	0	0
2017	Optimum performances for non-linear finite elements model of 8/6 switched reluctance motor based on intelligent routing algorithms	Labiod C., Srairi K., Mahdad B., Dib A., Benchouia M.T., Benbouzid M.E.H.	13361376	Advances in Electrical and Electronic Engineering	15	1	0	0	0	0	0	1	0	1	0	1
2017	Polynomial Algorithms for Computing a Single Preferred Assertional-Based Repair	Telli A., Benferhat S., Bourahla M., Bouraoui Z., Tabia K.	09331875	KI - Kunstliche Intelligenz	31	1	0	0	0	0	1	1	1	3	0	3
2017	Antimony oxide based glasses, novel laser materials	Ouannes K., Lebbou K., Walsh B.M., Poulain M., Alombert-Goget G., Guyot Y.	09253467	Optical Materials	65		0	0	0	2	2	4	2	10	0	10
2017	The effect of seasonal variation on the performances of grid connected photovoltaic system in southern of Algeria	Zaghba L., Khennane M., Terki N., Borni A., Bouchakour A., Fezzani A., Mahamed I.H., Oudjana S.H.	0094243X	AIP Conference Proceedings	1814		0	0	0	0	0	2	1	3	0	3

2017	Experimental study of sequent depths ratio of hydraulic jump in sloped rectangular channel	Kateb S., Debabeche M., Baouia K., Zgait R.	0094243X	AIP Conference Proceedings	1814		0	0	0	0	0	0	0	0	0	0
2017	Optimal tracking and second order sliding power control of the DFIG wind turbine	Abdeddaim S., Betka A., Charrouf O.	0094243X	AIP Conference Proceedings	1814		0	0	0	0	1	0	0	1	0	1
2017	Degradation evaluation of PV modules operating under Northern Saharan environment in Algeria	Charrouf O., Betka A., Hadeif H., Djebabra M., Tiar M.	0094243X	AIP Conference Proceedings	1814		0	0	0	0	1	0	2	3	0	3
2017	Efficiency of high energy over conventional milling of granulated blast furnace slag powder to improve mechanical performance of slag cement paste	Bouaziz A., Hamzaoui R., Guessasma S., Lakhel R., Achoura D., Leclou N.	00325910	Powder Technology	308		0	0	0	0	5	6	10	21	0	21
2017	A post-prognostics decision framework for cell site using Cloud computing and Internet of Things	Meraghni S., Terrissa L.S., Zerhouni N., Varnier C., Ayad S.		Proceedings of 2016 International Conference on Cloud Computing Technologies and Applications, CloudTech 2016			0	0	0	1	2	4	2	9	0	9

2017	Neuro-fuzzy model for Prognostic as a Service in private cloud computing	Bouzidi Z., Terrissa L., Lahmadi A., Zerhouni N., Gouriveau R.		Proceedings of 2016 International Conference on Cloud Computing Technologies and Applications, CloudTech 2016			0	0	0	1	2	0	1	4	0	4
2017	Undrained Vertical Bearing Capacity Factors for Ring Shallow Footings	Benmebarek S., Saifi I., Benmebarek N.	09603182	Geotechnical and Geological Engineering	35	1	0	0	0	0	1	2	1	4	0	4
2017	Friction stir welding of dissimilar materials aluminum AL6061-T6 to ultra low carbon steel	Boumerzoug Z., Helal Y.	20754701	Metals	7	2	0	0	0	0	3	5	1	9	0	9
2017	Flow control for the vertical axis wind turbine by means of flapping flexible foils	Bouzafer M.T., Hadid M., Semch-Eddine D.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	39	2	0	0	0	1	2	3	2	8	0	8
2017	Duffin-Kemmer-Petiau oscillator with Snyder-de Sitter algebra	Falek M., Merad M., Birkandan T.	00222488	Journal of Mathematical Physics	58	2	0	0	0	1	3	3	1	8	0	8

2017	Backward doubly SDEs and SPDEs with superlinear growth generators	Bahlali K., Gatt R., Mansouri B., Mtiraoui A.	02194937	Stochastics and Dynamics	17	1	0	0	0	0	0	0	3	1	4	0	4
2017	Optimal PV Location Choice Considering Static and Dynamic Constraints	Mosbah M., Khattara A., Becherif M., Arif S.	21945756	International Journal of Emerging Electric Power Systems	18	1	0	0	0	0	1	1	2	2	6	0	6
2017	A literature review of Algerian salt lakes: values, threats and implications	Demnati F., Samraoui B., Allache F., Sandoz A., Ernoul L.	18666280	Environmental Earth Sciences	76	3	0	0	0	0	1	3	2	2	8	0	8
2017	Local model networks based mixed-sensitivity H-infinity control of CE-150 helicopters	Kafi M.R., Chaoui H., Miah S., Debilou A.	20956983	Control Theory and Technology	15	1	0	0	0	0	1	1	1	0	3	0	3
2017	Robust SVM-direct torque control of induction motor based on sliding mode controller and sliding mode observer	Ammar A., Bourek A., Benakcha A.	20951701	Frontiers in Energy			0	0	0	0	0	3	6	2	11	0	11

2017	Dynamic modeling and experimental analysis of PEMFCs: A comparative study	Saadi A., Becherif M., Hissel D., Ramadan H.S.	03603199	International Journal of Hydrogen Energy	42	2	0	0	0	2	10	12	9	33	0	33
2017	Experimental validation of differential flatness-based control applied to stand alone using photovoltaic/fuel cell/battery hybrid power sources	Tegani I., Aboubou A., Ayad M.Y., Saadi R., Becherif M., Bahri M., Benaouadj M., Kraa O.	03603199	International Journal of Hydrogen Energy	42	2	0	0	0	1	1	1	2	5	0	5
2017	Optimal energy control of a PV-fuel cell hybrid system	Tiar M., Betka A., Drid S., Abdeddaim S., Becherif M., Tabandjat A.	03603199	International Journal of Hydrogen Energy	42	2	0	0	1	6	11	11	10	39	0	39
2017	Swarm robots circle formation via a virtual viscoelastic control model	Khaldi B., Cherif F.		Proceedings of 2016 8th International Conference on Modelling, Identification and Control, ICMIC 2016			0	0	0	3	3	3	1	10	0	10
2017	Implementation of robust SVM-DTC for induction motor drive using second order sliding mode control	Ammar A., Bourek A., Benakcha A.		Proceedings of 2016 8th International Conference on Modelling, Identification and Control, ICMIC 2016			0	0	0	0	1	2	1	4	0	4



2017	Saharan city and the problems of Urban structure: A case of the micro-region of Sidi Okba, Algeria	Latoui B., Abdallah F.	1746448X	WIT Transactions on Ecology and the Environment	223		0	0	0	0	0	0	0	0	0	0
2017	Effects of building typology on energy consumption in hot and arid regions	Tibermacine I., Zemmouri N.	18766102	Energy Procedia	139		0	0	0	0	1	2	0	3	0	3
2017	On the free vibration analysis of laminated composite and sandwich plates: A layerwise finite element formulation	Belarbi M.-O., Tati A., Ounis H., Khechai A.	16797817	Latin American Journal of Solids and Structures	14	12	0	0	0	0	0	2	5	7	0	7
2017	Efficient strain based triangular and sector elements for elasticity problems	Bourezane M.	16633571	International Journal of Engineering Research in Africa	33		0	0	0	0	0	0	0	0	0	0
2017	Service composition in the multi cloud environment	Barkat A., Okba K., Bourekkache S.	17440084	International Journal of Web Information Systems	13	4	0	0	0	0	1	1	0	2	0	2



2017	Effect of heat treatment on the corrosion behavior of Al-10%wt Mg alloys	Samira Z., Abdelouahed C., Okba B.	13351532	Acta Metallurgica Slovaca	23	3	0	0	0	0	1	0	0	1	0	1
2017	Impact of the typology of school buildings on the internal thermal conditions, in a hot and dry climate	Afren R., Benabbas M., Zemmouri N., Djaghrouri D.	18766102	Energy Procedia	122		0	0	0	0	0	0	0	0	0	0
2017	An efficient strain based cylindrical shell finite element	Bourezane M.	20083505	Journal of Solid Mechanics	9	3	0	0	0	0	0	1	0	1	0	1
2017	Courtyard Building's Morphology Impact on Thermal and Luminous Environments in Hot and Arid Region	Guedouh M.S., Zemmouri N.	18766102	Energy Procedia	119		0	0	0	0	1	5	0	6	0	6
2017	Effect of urban morphology on road noise distribution	Bouzir T.A.K., Zemmouri N.	18766102	Energy Procedia	119		0	0	0	0	4	5	1	10	0	10

2017	The Impact of Window Configuration on the Overall Building Energy Consumption under Specific Climate Conditions	Djamel Z., Nouredine Z.	18766102	Energy Procedia	115		0	0	0	0	3	2	2	7	0	7
2017	A comparative analysis of context-management approaches for the internet of things	Retima F., Benharzallah S., Kahloul L., Kazar O.	16833198	International Arab Journal of Information Technology	14	4	0	0	0	0	1	0	1	2	0	2
2017	Synthesis and electrochemical properties of mesoporous $\text{La}_{1-x}\text{Mg}_x\text{AlO}_{3-\delta}$ nanopowders by sol-gel method	Benakcha R., Omari M.	24701556	Inorganic and Nano-Metal Chemistry	47	7	0	0	0	0	0	2	1	3	0	3
2017	Study of precipitation kinetics of an Al-Mg-Si alloy using differential scanning calorimetry	Hamdi I., Boumerzoug Z., Chabane F.	13351532	Acta Metallurgica Slovaca	23	2	0	0	0	0	1	0	1	2	0	2
2017	The influence of temperature on the corrosion inhibition of API 5L X42 pipeline steel in HCl medium by gum arabic	Bentrah H., Chala A., Djellab M., Rahali Y., Taoui H.	00035599	Anti-Corrosion Methods and Materials	64	4	0	0	0	0	1	3	0	4	0	4



2017	Analysis of deflection in isotropic and orthotropic rectangular plates with central opening under transverse static loading	Bouzgou A.A., Tati A., Khechai A.	21954356	Lecture Notes in Mechanical Engineering			0	0	0	0	1	2	0	3	0	3
2017	[Heroic mythogenesis and elevation in art through: The mythical and biblical examples in Flowers of Evil by Baudelaire, Mythogenèse héroïque et élévation dans l'art à travers : les exempla mythiques et bibliques dans Les Fleurs du mal de Baudelaire]	Bouzidi H.	19585160	Synergies Algerie	24		0	0	0	0	0	0	0	0	0	0
2017	Reconfigurable stochastic petri nets for reconfigurable manufacturing systems	Tigane S., Kahloul L., Bouekkache S.	1860949X	Studies in Computational Intelligence	694		0	0	0	1	3	3	0	7	0	7
2017	A semantic web services discovery approach based on a mobile agent using metadata	Ben Seghir N., Kazar O., Rezeg K., Bouekkache S.	1756378X	International Journal of Intelligent Computing and Cybernetics	10	1	0	0	0	0	2	0	1	3	0	3
2017	On-line fault diagnostics in operating three-phase induction motors by the active and reactive currents	Mabrouk A.E., Zouzou S.E., Khelif S., Ghoggal A.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	0	0	1	0	0	0	1	0	1



2017	The impact of constructivism density of the urban tissue in improving the urban ambience- thermal, visual - Of the street-Of Saharian cities case study of the city of Biskra	Qaoud D.-R., Djamal P.-A.		Proceedings of 33rd PLEA International Conference: Design to Thrive, PLEA 2017	1		0	0	0	0	0	2	0	2	0	2
2017	Direct field-oriented control using fuzzy logic type-2 for induction motor with broken rotor bars	Saad B., Golea A.	12404535	Advances in Modelling and Analysis C	72	1	0	0	0	0	0	0	0	0	0	0
2017	Variational principle for stochastic singular control of mean-field Lévy-forward-backward system driven by orthogonal Teugels martingales with application	Hafayed M., Meherrem S., Gucoglu D.H., Eren S.	17466172	International Journal of Modelling, Identification and Control	28	2	0	0	0	0	1	1	0	2	0	2
2017	2D Electrical resistivity tomography of an active landslide: A case study from Ain Torki, Algeria.	Boubaya D., Hebbache K., Gouaidia L., Baali F., Fehdi C., Guefaifia O.		9th Congress of the Balkan Geophysical Society, BGS 2017	2017-		0	0	0	0	0	0	0	0	0	0
2017	PLM adoption model for SMEs	Messaadia M., Benatia F., Baudry D., Louis A.	18684238	IFIP Advances in Information and Communication Technology	517		0	0	0	0	1	0	0	1	0	1

2017	The effect of soxhlet and ultrasonic-assisted extraction on antioxidant components and antioxidant properties of selected south Algerian red potatoes cultivars	Lanez T., Ben Haoua K.	1582540X	Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry	18	4	0	0	0	0	0	0	3	0	3	0	3
2017	The influence of Arabic gum on the catalytic properties of Ni-Mo alloy coatings to intensify hydrogen evolution reaction	Temam E.G., Elkhansa A., Temam H.B., Kermiche F., Bentrah H.	00035599	Anti-Corrosion Methods and Materials	64	6	0	0	0	0	0	0	0	0	0	0	0
2017	Robust active contour model guided by local binary pattern stopping function	Azizi A., Elkourd K., Azizi Z.	13119702	Cybernetics and Information Technologies	17	4	0	0	0	0	0	0	1	1	2	0	2
2017	Developing neural networks to investigate relationships between lighting quality and lighting glare indices	Mohamed Yacine S., Noureddine Z., Piga B.E.A., Morello E., Safa D.	18766102	Energy Procedia	122		0	0	0	0	0	0	0	1	1	0	1
2017	Towards a new model of light quality assessment based on occupant satisfaction and lighting glare indices	Yacine S.M., Noureddine Z., Piga B.E.A., Morello E., Safa D.	18766102	Energy Procedia	122		0	0	0	0	0	0	0	3	3	0	3

2017	Control of Adjacent Buildings Using Shared Tuned Mass Damper	Guenidi Z., Abdeddaim M., Ounis A., Shrimali M.K., Datta T.K.	18777058	Procedia Engineering	199		0	0	0	0	0	0	3	3	0	3
2017	Assessment of Anidolic Integrated Ceiling effects in interior daylight quality under real sky conditions	Daich S., Zemmouri N., Morello E., Piga B.E.A., Saadi M.Y., Daiche A.M.	18766102	Energy Procedia	122		0	0	0	0	0	1	0	1	0	1
2017	Experimental typical meteorological years to study energy performance of a PV grid-connected system	Zaghba L., Borni A., Khennane M., Terki N., Fezzani A., Bouchakour A., Mahamed I.H., Oudjana S.H.	18766102	Energy Procedia	119		0	0	0	0	0	4	1	5	0	5
2017	The impact of constructivism density of the urban tissue in improving the physical urban ambience of the free space - The street- for Saharian cities. the study of the case city of Biskra	Qaoud R., Djamal A.	18766102	Energy Procedia	119		0	0	0	0	1	2	1	4	0	4
2017	Adsorptive removal of phosphate from groundwater using granular activated carbon	Ouakouak A., Youcef L., Boulanouar D., Achour S.	16633571	International Journal of Engineering Research in Africa	32		0	0	0	0	0	1	1	2	0	2



2017	Particle swarm optimization approach for the segmentation of retinal vessels from fundus images	Khomri B., Christodoulidis A., Djerou L., Babahenini M.C., Cheriet F.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10317		0	0	0	0	1	0	0	1	0	1
2017	A new strain based sector finite element for plate bending problems	Sifeddine A., Toufik M., Abdallah Z., Djamal H.	16633571	International Journal of Engineering Research in Africa	31		0	0	0	0	0	1	0	1	0	1
2017	Semantic-based Approach to Context Management in Ubiquitous Environment	Ahmed B., Abdelouahed G., Kazar O.	18770509	Procedia Computer Science	109		0	0	0	0	0	1	0	1	0	1
2017	Effect of annealing in physical properties of NiO nanostructure thin film	Ghougali M., Belahssen O., Chala A.	20776772	Journal of Nano-and Electronic Physics	9	3	0	0	0	0	1	0	0	1	0	1
2017	Ant lion optimizer for solving optimal reactive power dispatch problem in power systems	Mouassa S., Bouktir T., Salhi A.	22150986	Engineering Science and Technology, an International Journal	20	3	0	0	0	0	9	22	18	49	0	49



2017	Fast binary support vector machine learning method by samples reduction	Djeffal A., Babahenini M.C., Taleb-Ahmed A.	17591163	International Journal of Data Mining, Modelling and Management	9	1	0	0	0	0	0	1	1	2	0	2
2017	Evaluation of the mechanical properties and durability of cement mortars containing algerian metakaolin	Salhi K., Mezghiche B.	08625468	Ceramics - Silikaty	61	1	0	0	0	0	1	2	0	3	0	3
2017	Fuzzy logic control of grid connected DFIG system using back-to-back converters	Dida A., Ben Attous D.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	0	0	1	1	4	1	7	0	7
2017	Wavelet transform and neural network techniques for inter-turn short circuit diagnosis and location in induction motor	Bessam B., Menacer A., Boumehraz M., Cherif H.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	0	0	3	4	4	7	18	0	18
2017	Adaptive hill-climb searching method for MPPT algorithm based DFIG system using fuzzy logic controller	Dida A., Attous D.B.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	0	0	0	0	2	0	2	0	2

2017	Crystallization kinetics of new heavy metal oxide glasses within the Sb <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O-WO <sub>3</sub> -PbO system	Ersundu M.C., Ersundu A.E., Soltani M.T., Baazouzi M.	02728842	Ceramics International	43	1	0	0	0	4	3	2	1	10	0	10
2017	Natural versus artificial lighting use in an office building under clear sunny skies	Belakehal A., Aoul K.T., Bennadji A.		Proceedings of 33rd PLEA International Conference: Design to Thrive, PLEA 2017	2		0	0	0	0	0	0	0	0	0	0
2017	A CFD Comsol model for simulating complex urban flow	Houda S., Belarbi R., Zemmouri N.	18766102	Energy Procedia	139		0	0	0	0	0	2	3	5	0	5
2017	Spontaneous urban renewal of the former Aurasian settlements in the event of the sustainable development: Case of Dechra Beida, Arris (Algeria)	Barrou D., Benbouaziz A., Alkama D.	18766102	Energy Procedia	119		0	0	0	0	0	0	1	1	0	1
2017	Numerical and experimental investigation of the behavior of cylindrical shells	Temami O., Ashraf A., Hamadi D., Bennoui I.	15630854	Asian Journal of Civil Engineering	18	8	0	0	0	0	0	0	1	1	0	1

2017	A semantic relatedness-based solution for reducing missing problem in TBIR	Debbagh F., Kherfi M.L., Babahenini M.C.	17480698	International Journal of Signal and Imaging Systems Engineering	10	3	0	0	0	0	0	0	1	0	1	0	1
2017	A novel approach for scalability and performance enhancement in JADE	Zerrougui S., Mokhati F., Badri M., Babahenini M.C.	15741702	Multiagent and Grid Systems	13	2	0	0	0	0	0	0	0	0	0	0	0
2017	Effect of sprayed solution volume on structural and optical properties of nickel oxide thin films	Benhamida S., Benhaoua B., Barir R., Rahal A., Benhaoua A.	20776772	Journal of Nano-and Electronic Physics	9	3	0	0	0	0	0	0	0	0	0	0	0
2017	Numerical study of thermohydraulic performance of solar air heater duct equipped with novel continuous rectangular baffles with high aspect ratio	Menasria F., Zedairia M., Moumni A.	03605442	Energy	133		0	0	0	0	6	11	12	29	0	29	
2017	Multi-station manufacturing system analysis: Theoretical and simulation study	Boualem M., Bouchentouf A.A., Cherfaoui M., Aissani D.	17575850	International Journal of Mathematics in Operational Research	10	2	0	0	0	0	0	0	1	1	0	1	

2017	Effects of building morphologies on CO <sub>2</sub> air pollution case study: The vernacular urban fabric, city of Ghardaïa (Algeria)	Mouffok M., Zemmouri N., Aidaoui L., Lasbet Y., De Herde A.	15630854	Asian Journal of Civil Engineering	18	1	0	0	0	0	0	0	0	1	1	0	1
2017	Static and dynamic analysis of non-linear magnetic characteristics in switched reluctance motors based on circuit-coupled time stepping finite element method	Labiod C., Bahri M., Srairi K., Mahdad B., Benchouia M.T., Benbouzid M.E.H.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	1	0	2	2	1	0	6	0	6	
2017	Steady state modeling of Kühni liquid extraction column using the Spatially Mixed Sectional Quadrature Method of Moments (SM-SQMOM)	Alzyod S., Attarakih M., Hasseine A., Bart H.-J.	02638762	Chemical Engineering Research and Design	117		0	0	0	1	3	2	3	9	0	9	
2017	Dynamic coalitional matching game approach for fair and swift data-gathering in wireless body sensor networks	Harbouche A., Elmachkour M., Djedi N., Erradi M., Kobbane A.		Proceedings - 2017 International Conference on Wireless Networks and Mobile Communications, WINCOM 2017			0	0	0	0	0	0	0	0	0	0	
2017	Numerical simulations of the electrical transport characteristics of a Pt/n-GaN Schottky diode	Bouzid F., Pezzimenti F., Dehimi L., Megherbi M.L., Della Corte F.G.	00214922	Japanese Journal of Applied Physics	56	9	0	0	0	0	1	12	6	19	1	20	

2017	An optimised semantic web services discovery in MANET	Ayad S., Kazar O., Benharkat A.-N., Terrissa S.- L.	17543916	International Journal of Communication Networks and Distributed Systems	19	3	0	0	0	0	1	1	0	2	0	2
2017	Effect of nickel addition study on the mechanical properties of the (Fe <sub>3</sub> C-Ni) alloy obtained by solid phase compaction and sintering	Mebarki L., Zidani M., Mechachti S., Farh H., Miroud D.	16633571	International Journal of Engineering Research in Africa	32		0	0	0	0	2	0	1	3	0	3
2017	Structural investigation, drug likeness scoring and structure activity/property relationships applied on 1,2,3-thiadiazole derivatives, with kinase inhibitors activity	Oukil O., Tchouar N., Belaidi S., Salah T., Cinar M.	00353930	Revue Roumaine de Chimie	62	1	0	0	0	0	2	2	0	4	0	4
2017	Statistical distribution analysis of mechanical properties of a welded pipeline steel API X70 and correlation between hardness and other mechanical characteristics	Saoudi A., Khamouli F., Atoui L., Zidani M., Farh H.	16633571	International Journal of Engineering Research in Africa	30		0	0	0	0	0	0	2	2	0	2
2017	A 3D shape matching & retrieval approach based on fusion of curvature & geometric diffusion features	Mokhtari B., Melkemi K.E., Michelucci D., Fougou S.	09528091	International Journal of Computer Applications in Technology	55	2	0	0	0	0	5	1	0	6	0	6

2017	Optimal/flatness based-control of stand-alone power systems using fuel cells, batteries and supercapacitors	Benaouadj M., Aboubou A., Ayad M.-Y., Becherif M., Bahri M., Tegani I.	11125209	Journal of Electrical Systems	13	1	0	0	0	0	0	0	0	1	1	0	1
2017	Novel semi-blind estimation for turbo decoding in impulsive noise channel	Chemsa A., Saigaa D., Ghodbane H., Taleb-Ahmed A.	09756809	International Journal of Systems Assurance Engineering and Management	8		0	0	0	0	0	0	0	0	0	0	0
2017	Effect of natural and artificial aging on the mechanical properties of two Al-Mg-Si alloys	Djemmal K., Farh H., Guemini R., Zidani M., Serradj F.	16633571	International Journal of Engineering Research in Africa	28		0	0	0	0	1	2	0	3	0	3	
2017	On the Semi-Analytical Solution of Integro-Partial Differential Equations	Hasseine A., Attarakih M., Belarbi R., Jorg Bart H.	18766102	Energy Procedia	139		0	0	0	0	0	0	0	0	0	0	
2017	Deformation and recrystallised texture evolution and the followed mechanical and electrical properties of drawn and annealed copper wires	Baira F., Zidani M., Farh H., Messaoudi S., Ziar T., Helbert A.L., Baudin T.	16633571	International Journal of Engineering Research in Africa	31		0	0	0	0	2	1	0	3	0	3	



2017	Effect of heat treatment on the properties of aluminum alloy AGS 6101 after wire drawing	Messaoudi S., Zidani M., Bessais L., Djimaoui T., Mathon M.H., Helbert A.-L., Brisset F., Baudin T.		METAL 2017 - 26th International Conference on Metallurgy and Materials, Conference Proceedings	2017-		0	0	0	0	0	0	0	0	0	0
2017	Microstructural evolution as well as mechanical and electrical properties of AA 6101 wire during recrystallization annealing treatment	Zidani M., Bessais L., Farh H., Messaoudi S., Hadid M.D., Djimaoui T., Miroud D., Mathon M.H., Helbert A.-L., Loudjani M.-K., Baudin T.		METAL 2017 - 26th International Conference on Metallurgy and Materials, Conference Proceedings	2017-		0	0	0	0	1	1	0	2	0	2
2016	Hidden Bifurcations in the Multispiral Chua Attractor	Menacer T., Lozi R., Chua L.O.	02181274	International Journal of Bifurcation and Chaos	26	14	0	0	0	5	2	4	1	12	0	12
2016	Hydrogen production horizon using solar energy in Biskra, Algeria	Saadi A., Becherif M., Ramadan H.S.	03603199	International Journal of Hydrogen Energy	41	47	0	0	0	5	7	8	2	22	1	23
2016	A novel binary image encryption algorithm based on diffuse representation	Houas A., Mokhtari Z., Melkemi K.E., Boussaad A.	22150986	Engineering Science and Technology, an International Journal	19	4	0	0	0	1	1	4	5	11	0	11

2016	Effect of solution flow on the properties of tin dioxide SnO <sub>2</sub> thin films deposited by spray pyrolysis technique	Khelifi C., Attaf A., Saidi H., Yahia A., Dahnoun M., Saadi A.	00304026	Optik	127	23	0	0	0	0	2	7	2	11	0	11
2016	Kernel estimation of the tail index of a right-truncated Pareto-type distribution	Benchaira S., Meraghni D., Necir A.	01677152	Statistics and Probability Letters	119		0	0	0	0	0	1	0	1	0	1
2016	Global Mittag–Leffler stability of complex valued fractional-order neural network with discrete and distributed delays	Tyagi S., Abbas S., Hafayed M.	0009725X	Rendiconti del Circolo Matematico di Palermo	65	3	0	0	0	2	3	5	9	19	0	19
2016	CFD analysis of solar air collector equipped with flexible ribs	Bouzafer M.T., Baissi M.T., abdelbasset C.	16785878	Journal of the Brazilian Society of Mechanical Sciences and Engineering	38	8	0	0	0	0	1	0	1	2	0	2
2016	Preparation by sol–gel method and characterization of Zn-doped LaCrO <sub>3</sub> perovskite	Chadli I., Omari M., Abu Dalo M., Albiss B.A.	09280707	Journal of Sol-Gel Science and Technology	80	3	0	0	0	3	5	2	3	13	0	13

2016	Effect of heat treatment on the microstructural evolution in weld region of 304L pipeline steel	Zakaria B., Soumia H., Vincent J.	21487847	Journal of Thermal Engineering	2	6	0	0	0	0	0	2	1	3	0	3
2016	Integrating quality requirements in engineering web service orchestrations	Zernadji T., Tibermacine C., Cherif F., Zouioueche A.	01641212	Journal of Systems and Software	122		0	0	0	1	2	1	0	4	0	4
2016	Opening web applications for third-party development: a service-oriented solution	Kerdoudi M.L., Tibermacine C., Sadou S.	18632386	Service Oriented Computing and Applications	10	4	0	0	0	0	2	2	2	6	0	6
2016	Fast soft shadow with Screen Space Ambient Occlusion for real time rendering	El Moumene Zerari A., Babahenini M.C., Bahi N., Khemliche S.		ACM International Conference Proceeding Series			0	0	0	0	0	0	0	0	0	0
2016	Study of texture, mechanical and electrical properties of cold drawn AGS alloy wire	Zidani M., Bessais L., Farh H., Hadid M.D., Messaoudi S., Miroud D., Loudjani M.K., Helbert A.L., Baudin T.	12299367	Steel and Composite Structures	22	4	0	0	0	0	2	1	0	3	0	3

2016	A new "data size" based algorithm for itinerary planning among mobile agents in wireless sensor networks	Aloui I., Kazar O., Kahloul L., Aissaoui A., Servigne S.		ACM International Conference Proceeding Series			0	0	0	1	1	0	1	3	0	3
2016	Dual loop controllers using PI, sliding mode and flatness controls applied to low voltage converters for fuel cell applications	Saadi R., Kraa O., Ayad M.Y., Becherif M., Ghodbane H., Bahri M., Aboubou A.	03603199	International Journal of Hydrogen Energy	41	42	0	0	0	5	6	8	4	23	0	23
2016	Puzzle based system for improving Arabic handwriting recognition	Zaiz F., Babahenini M.C., Djeflal A.	09521976	Engineering Applications of Artificial Intelligence	56		0	0	0	1	1	3	1	6	0	6
2016	New exact solutions for the nonlinear lattice problem via the auxiliary fractional shape	Djoudi W., Debowsky G., Zerarka A.	00304026	Optik	127	22	0	0	0	0	0	0	0	0	0	0
2016	Experimental validation of sliding mode-predictive direct power control of a grid connected photovoltaic system, feeding a nonlinear load	Ouchen S., Abdeddaim S., Betka A., Menadi A.	0038092X	Solar Energy	137		0	0	1	7	6	8	3	25	0	25

2016	Adsorption of Pb(II) from synthetic solutions using clays (kaolin and bentonites)	Dridi C., Youcef L., Ouakouak A.K.	1546198X	Sensor Letters	14	11	0	0	0	0	0	0	0	0	0	0
2016	Multispectral image denoising with optimized vector non-local mean filter	Ben Said A., Hadjidj R., Eddine Melkemi K., Fougou S.	10512004	Digital Signal Processing: A Review Journal	58		0	0	0	2	4	5	4	15	0	15
2016	Vibronic coupling to simulate the phosphorescence spectra of Ir(III)-based OLED systems: TD-DFT results meet experimental data	Belaidi H., Belaidi S., Katan C., Latouche C., Boucekkine A.	16102940	Journal of Molecular Modeling	22	11	0	0	0	4	2	0	3	9	0	9
2016	A numerical investigation into the behavior of geosynthetic-reinforced soil segmental retaining walls	Rahmouni O., Mabrouki A., Benmeddour D., Mellas M.	19386362	International Journal of Geotechnical Engineering	10	5	0	0	0	1	2	1	2	6	0	6
2016	Date palm spikelet in mortar: Testing and modelling to reveal the mechanical performance	Abdelaziz S., Guessasma S., Bouaziz A., Hamzaoui R., Beaugrand J., Souid A.A.	09500618	Construction and Building Materials	124		0	0	0	1	2	2	3	8	0	8

2016	Dissimilar friction stir welding of Al-6061 to steel	Helal Y., Boumerzoug Z.	0094243X	AIP Conference Proceedings	1772		0	0	0	0	1	1	0	2	0	2
2016	Finite difference analysis of an advance core pre-reinforcement system for Toulon's south tube	Kitchah F., Benmebarek S.	16747755	Journal of Rock Mechanics and Geotechnical Engineering	8	5	0	0	0	0	1	1	2	4	0	4
2016	Interaction analysis of back-to-back mechanically stabilized earth walls	Benmebarek S., Attallaoui S., Benmebarek N.	16747755	Journal of Rock Mechanics and Geotechnical Engineering	8	5	0	0	0	1	2	1	4	8	0	8
2016	Exact structures for the KdV–mKdV equation with variable coefficients via the functional variable method	Djoudi W., Zerarka A.	00304026	Optik	127	20	0	0	0	3	1	1	3	8	0	8
2016	Two-level data collection for an energy-efficient solution in wireless sensor networks: Multi-agent system approach	Benaziz B., Kazar O., Kahloul L., Kitouni I., Bourekkache S.	19473192	International Journal of Agricultural and Environmental Information Systems	7	4	0	0	0	0	1	0	0	1	0	1



2016	Adaptive differential search algorithm for optimal location of distributed generation in the presence of SVC for power loss reduction in distribution system	Mahdad B., Srairi K.	22150986	Engineering Science and Technology, an International Journal	19	3	0	0	0	3	3	9	4	19	0	19
2016	FEM Analysis of Back-to-Back Geosynthetic-Reinforced Soil Retaining Walls	Djabri M., Benmebarek S.	21999260	International Journal of Geosynthetics and Ground Engineering	2	3	0	0	0	2	1	1	4	8	0	8
2016	Prediction of the theoretical and semi-empirical model of ambient temperature	Chabane F., Moummi N., Brima A., Moummi A.	20951701	Frontiers in Energy	10	3	0	0	0	0	0	1	0	1	0	1
2016	Estimating the distortion parameter of the proportional hazards premium for heavy-tailed losses under Lévy-stable regime	Brahimi B., Abdelli J.	01676687	Insurance: Mathematics and Economics	70		0	0	0	0	0	0	0	0	0	0
2016	Synthesis and Electrochemical Properties of $\text{LaCr}_{1-x}\text{Co}_x\text{O}_3$ ( $0 \leq x \leq 0.5$ ) via Co-precipitation Method	Madoui N., Omari M.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	26	5	0	0	0	1	3	3	1	8	0	8



2016	Security constrained optimal power flow solution using new adaptive partitioning flower pollination algorithm	Mahdad B., Srairi K.	15684946	Applied Soft Computing Journal	46		0	0	0	1	16	9	6	32	0	32
2016	A combined simulation and experimental analysis the dynamic performance of a 2 kW photovoltaic plant installed in the desert environment	Zaghba L., Khennane M., Mahamed I.H., Oudjana H.S., Fezzani A., Bouchakour A., Terki N.	20089163	International Journal of Energy and Environmental Engineering	7	3	0	0	0	2	2	2	1	7	0	7
2016	Detection of broken rotor bar faults in induction motor at low load using neural network	Bessam B., Menacer A., Boumehras M., Cherif H.	00190578	ISA Transactions	64		0	0	0	9	12	14	15	50	0	50
2016	First-Principles Prediction of Structural, Magnetic, Electronic, and Elastic Properties of Full-Heusler Compounds $Co_{2-x}YIn$ ( $Y = Ti, V$ )	Kenchoul S., Guibadj A., Lagoun B., Chadli A., Maabed S.	15571939	Journal of Superconductivity and Novel Magnetism	29	9	0	0	0	1	2	3	1	7	0	7
2016	The use of a modified prony's method to detect the airgap-eccentricity occurrence in induction motors	Yahia K., Sahraoui M., Cardoso A.J.M., Ghoggal A.	00939994	IEEE Transactions on Industry Applications	52	5	0	0	0	0	4	6	3	13	0	13

2016	Structural, morphological, optical, and electrical properties of nanostructured thin films	Bouhdjer A., Saidi H., Attaf A., Aida M.S., Jlassi M., Bouhaf I., Benkhetta Y., Bendjedidi H.	00304026	Optik	127	18	0	0	0	3	2	1	3	9	0	9
2016	Robust direct power control based on the Lyapunov theory of a grid-connected brushless doubly fed induction generator	Mahboub M.A., Drid S., Sid M.A., Cheikh R.	20951701	Frontiers in Energy	10	3	0	0	0	0	0	2	2	4	0	4
2016	Thermodynamic properties of ZnTe in zinc-blende and wurtzite phases	Ferahtia S., Saib S., Bouarissa N.	02179792	International Journal of Modern Physics B	30	21	0	0	0	1	1	3	2	7	0	7
2016	Near-infrared dispersion and spin-orbit interaction of Co doped (80 - X)Sb <sub>2</sub> O <sub>3</sub> -20Na <sub>2</sub> O-xWO <sub>3</sub> glasses	Petkova P., Vasilev P., Mustafa M., Parushev I., Soltani M.T.	13861425	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	152		0	0	0	3	4	0	0	7	0	7
2016	Daylight as a Design Strategy in the Ottoman Mosques of Tunisia and Algeria	Belakehal A., Tabet Aoul K., Farhi A.	15583058	International Journal of Architectural Heritage	10	6	0	0	0	0	2	0	0	2	0	2

2016	Fuzzy-predictive direct power control implementation of a grid connected photovoltaic system, associated with an active power filter	Ouchen S., Betka A., Abdeddaim S., Menadi A.	01968904	Energy Conversion and Management	122		0	0	1	5	17	13	7	43	0	43
2016	Partial information optimal control of mean-field forward-backward stochastic system driven by Teugels martingales with applications	Hafayed M., Ghebouli M., Boukaf S., Shi Y.	09252312	Neurocomputing	200		0	0	0	2	1	1	2	6	0	6
2016	Designing reconfigurable manufacturing systems using reconfigurable object Petri nets	Kahloul L., Bourekkache S., Djouani K.	0951192X	International Journal of Computer Integrated Manufacturing	29	8	0	0	0	4	7	1	1	13	1	14
2016	Optical characterization of a-IGZO thin film for simulation of a-IGZO(n)/ $\mu$ -Si(p) heterojunction solar cell	Azri F., Labed M., Meftah A.F., Sengouga N., Meftah A.M.	03068919	Optical and Quantum Electronics	48	8	0	0	0	0	0	2	1	3	0	3
2016	Measurement and prediction of solid-liquid phase equilibria for systems containing biphenyl in binary solution with long-chain n-alkanes	Boudouh I., Hafsaoui S.L., Mahmoud R., Barkat D.	13886150	Journal of Thermal Analysis and Calorimetry	125	2	0	0	1	3	1	2	1	8	0	8

2016	Comparison of prediction performances between Box–Jenkins and Kalman filter models—Case of annual and monthly streamflows in Algeria	Boukharouba K., Kettab A.	19443994	Desalination and Water Treatment	57	36	0	0	0	0	0	0	0	0	0	0
2016	Three-Dimensional Back-Analysis of an Instrumented Shallow Tunnel Excavated by a Conventional Method	Houhou M.N., Emeriault F., Vanoudheusden E.	09603182	Geotechnical and Geological Engineering	34	4	0	0	0	0	1	2	2	5	0	5
2016	Anisotropy analysis of textures using wavelets transform and fractal dimension	Zehani S., Mimi M., Taleb-Ahmed A., Toumi A.		2nd International Conference on Advanced Technologies for Signal and Image Processing, ATSIP 2016			0	0	0	0	2	0	0	2	0	2
2016	Fuel cells, batteries and super-capacitors stand-alone power systems management using optimal/flatness based-control	Benaouadj M., Aboubou A., Ayad M.Y., Bahri M., Boucetta A.	0094243X	AIP Conference Proceedings	1758		0	0	0	0	0	1	0	1	0	1
2016	A review on the performance and modelling of proton exchange membrane fuel cells	Boucetta A., Ghodbane H., Ayad M.Y., Bahri M.	0094243X	AIP Conference Proceedings	1758		0	0	0	0	3	1	1	5	0	5



2016	High performance volumetric modelling from silhouette: GPU-image-based visual hull	Abdelhak S., Chaouki B.M.	21615322	Proceedings of IEEE/ACS International Conference on Computer Systems and Applications, AICCSA	0		0	0	0	0	0	0	0	0	0	0
2016	Fundamental frequency PWM control of IGBT clamped three phase nine levels inverter topology for photovoltaic system	Mechouma R., Azoui B., Ouchen S.		Proceedings - 2016 51st International Universities Power Engineering Conference, UPEC 2016	2017-		0	0	0	0	0	0	0	0	0	0
2016	Investigation on the non-ideal behaviour of Au/n-InP Schottky diodes by the simulation of I-V-T and C-V-T characteristics	Fritah A., Saadoune A., Dehimi L., Abay B.	14786435	Philosophical Magazine	96	19	0	0	0	1	1	3	1	6	0	6
2016	A new approach of PHM as a service in cloud computing	Terrissa L.S., Meraghni S., Bouzidi Z., Zerhouni N.	2327185X	Colloquium in Information Science and Technology, CIST	0		0	0	0	2	3	5	2	12	0	12
2016	Schrödinger equation for non-pure dipole potential in 2D systems	Moumni M., Falek M.	00222488	Journal of Mathematical Physics	57	7	0	0	0	0	1	1	0	2	0	2



2016	A stochastic maximum principle for mixed regular-singular control problems via Malliavin calculus	Mezerdi B., Yakhlef S.	10129405	Afrika Matematika	27	3-4	0	0	0	0	0	0	0	0	0	0
2016	Tail product-limit process for truncated data with application to extreme value index estimation	Benchaira S., Meraghni D., Necir A.	13861999	Extremes	19	2	0	0	1	0	0	1	1	3	0	3
2016	[Phenotypic diversity of date palm cultivars (Phoenix dactylifera L.) from Algeria, Diversidad fenotípica de cultivares de palmera datilera (Phoenix dactylifera L.) de Argelia]	Simozrag A., Chala A., Djerouni A., Bentchikou M.E.	00165301	Gayana - Botanica	73	1	0	0	0	1	2	1	2	6	0	6
2016	Phosphates removal by activated carbon	Ouakouak A.K., Youcef L.	1546198X	Sensor Letters	14	6	0	0	0	0	1	1	2	4	0	4
2016	Biocontrol of wheat Fusarium crown and root rot by Trichoderma spp. and evaluation of their cell wall degrading enzymes activities	Dendouga W., Bouregghda H., Belhamra M.	02381249	Acta Phytopathologica et Entomologica Hungarica	51	1	0	0	1	0	0	0	1	2	0	2



2016	A complete modeling and simulation of DFIG based wind turbine system using fuzzy logic control	Dida A., Benattous D.	20951701	Frontiers in Energy	10	2	0	0	0	2	4	4	5	15	0	15
2016	Modeling the effect of 1 MeV electron irradiation on the performance of n <sup>+</sup> -p-p <sup>+</sup> silicon space solar cells	Hamache A., Sengouga N., Meftah A., Henini M.	0969806X	Radiation Physics and Chemistry	123		0	0	0	1	2	3	1	7	0	7
2016	Bio-inspired cybersecurity for wireless sensor networks	Bitam S., Zeadally S., Mellouk A.	01636804	IEEE Communications Magazine	54	6	0	0	0	2	1	1	8	12	0	12
2016	A statistical approach to the experimental of the leaching of sulfide copper from the ores using lixiviant sulfuric acid	Bar D.E., Barkat D.	10627391	Journal of Mining Science	52	3	0	0	0	0	1	0	0	1	0	1
2016	A Simple Finite Element with Five Degrees of Freedom Based on Reddy's Third-Order Shear Deformation Theory	Belkaid K., Tati A., Boumaraf R.	01915665	Mechanics of Composite Materials	52	2	0	0	0	1	0	3	2	6	0	6



2016	Infrared spectroscopy of undoped and Cu-doped (80-x)Sb <sub>2</sub> O <sub>3</sub> -20Li <sub>2</sub> O-xMoO <sub>3</sub> glasses	Petkova P., Boubaker K., Vasilev P., Mustafa M., Yumak A., Touihri H., Soltani M.T.	0094243X	AIP Conference Proceedings	1727			0	0	0	2	0	0	1	3	0	3
2016	Smart sun tracking system	Chogueur D., Bentouba S., Merouane A.		Proceedings of 2015 IEEE International Renewable and Sustainable Energy Conference, IRSEC 2015				0	0	0	0	1	1	0	2	0	2
2016	Techno-economic evaluation of a hybrid PV/diesel water pumping system for different pumping heads	Ammar H., Melit A., Adouane M., Bouziane M.T.		Proceedings of 2015 IEEE International Renewable and Sustainable Energy Conference, IRSEC 2015				0	0	1	0	1	0	0	2	0	2
2016	Robust tracking with fuzzy sliding mod control strategy for grid connected photovoltaic system	Zaghba L., Khennane M., Borni A., Bouchakour A., Fezzani A., Mahamed I.H., Oudjana S.H., Terki N.		Proceedings of 2015 IEEE International Renewable and Sustainable Energy Conference, IRSEC 2015				0	0	0	1	0	0	1	2	0	2
2016	A new strain-based finite element for plane elasticity problems	Hamadi D., Ayoub A., Maalem T.	02644401	Engineering Computations (Swansea, Wales)	33	2		0	0	0	0	3	2	1	6	0	6



2016	Modulation of physical properties of sprayed ZnO thin films by substrate temperature for optical applications	Othmane M., Attaf A., Saidi H., Bouaichi F., Lehraki N., Nouadji M., Poulain M., Benramache S.	0219581X	International Journal of Nanoscience	15	1-2	0	0	0	0	0	0	0	0	0	0	0
2016	Parameter identification in liquid-liquid equilibrium modeling of food-related thermodynamic systems using flower pollination algorithms	Merzougui A., Labeled N., Hasseine A., Bonilla-Petriciolet A., Laiadi D., Bacha O.	18741231	Open Chemical Engineering Journal	10	8	0	0	0	0	2	1	2	5	0	5	
2016	Computational study of molecular electrostatic potential, drug likeness screening and structure-activity/property relationships of thiazolidine-2,4-dione derivatives	Medjahed S., Belaidi S., Djekhaba S., Tchouar N., Kerassa A.	15577910	Journal of Bionanoscience	10	2	0	0	0	2	6	0	2	10	0	10	
2016	Preparation and characterization of ZnO microfiltration membrane and its support using kaolin (DD3) and CaCO <sub>3</sub>	Boudaira B., Harabi A., Bouzerara F., Condom S., Zenikheri F., Guechi A., Foughali L., Karboua N.	03666913	Ceramica	62	362	0	0	0	1	1	1	1	4	0	4	
2016	Synthesis, characterization and catalytic properties of La(Ni,Fe)O <sub>3</sub> -NiO nanocomposites	Djani F., Omari M., Martinez-Arias A.	09280707	Journal of Sol-Gel Science and Technology	78	1	0	0	0	2	4	1	3	10	0	10	

2016	Influence of solution flow rate on the properties of SnS <sub>2</sub> films prepared by ultrasonic spray	Kherchachi I.B., Saidi H., Attaf A., Attaf N., Bouhdjar A., Bendjdidi H., Benkhetta Y., Azizi R., Jlassi M.	00304026	Optik	127	8	0	0	2	7	8	8	0	25	0	25
2016	Optical and electronic properties of B <sub>x</sub> Al <sub>1-x</sub> P alloys: A first principles study	Lakel S., Okbi F., Meradji H.	00304026	Optik	127	8	0	0	0	1	3	2	2	8	0	8
2016	Solid-liquid equilibria of biphenyl binary systems	Boudouh I., Djemai I., Gonzalez J.A., Barkat D.	01677322	Journal of Molecular Liquids	216		0	0	1	2	0	0	0	3	0	3
2016	Modeling of ZnSe/Zn <sub>1-x</sub> Mg <sub>x</sub> /Se quantum well laser properties	Lahoual M., Gueddim A., Bouarissa N., Attaf A.	00304026	Optik	127	7	0	0	0	0	1	1	0	2	0	2
2016	An agent-based approach for resource allocation in the cloud computing environment	Fareh M.E.-K., Kazar O., Femmam M., Bourekkache S.		Proceeding of the 2015 9th International Conference on Telecommunication Systems Services and Applications, TSSA 2015			0	0	0	1	1	0	0	2	0	2



2016	Thymoquinone strongly inhibits fMLF-induced neutrophil functions and exhibits anti-inflammatory properties in vivo	Boudiaf K., Hurtado-Nedelec M., Belambri S.A., Marie J.-C., Derradji Y., Benboubetra M., El-Benna J., Dang P.M.-C.	00062952	Biochemical Pharmacology	104		0	0	2	5	4	2	3	16	0	16
2016	Preparation and characterization of membrane supports for microfiltration and ultrafiltration using kaolin (DD2) and CaCO <sub>3</sub>	Boudaira B., Harabi A., Bouzerara F., Zenikheri F., Foughali L., Guechi A.	19443994	Desalination and Water Treatment	57	12	0	2	9	2	0	7	1	21	0	21
2016	Measurement and correlation of liquid-liquid equilibria for water + ethanol + mixed solvents (dichloromethane or chloroform + diethyl ether) at T = 293.15 K	Bacha O., Hasseine A., Attarakih M.	00319104	Physics and Chemistry of Liquids	54	2	0	0	0	1	0	1	0	2	0	2
2016	Structural, optical and electrical properties of Sn <sub>x</sub> S <sub>y</sub> thin films grown by spray ultrasonic	Kherchachi I.B., Attaf A., Saida H., Bouhdjer A., Bendjedidi H., Benkhetta Y., Azizi R.	16744926	Journal of Semiconductors	37	3	0	0	1	5	10	5	2	23	0	23
2016	A Numerical Study of the Active Earth Pressure on a Rigid Retaining Wall for Various Modes of Movements	Benmebarek N., Labdi H., Benmebarek S.	00380741	Soil Mechanics and Foundation Engineering	53	1	0	0	0	1	1	1	1	4	0	4



2016	Influence of the solution flow rate on the properties of zinc oxide (ZnO) nano-crystalline films synthesized by ultrasonic spray process	Benkhetta Y., Attaf A., Saidi H., Bouhdjar A., Benjdidi H., Kherchachi I.B., Nouadji M., Lehraki N.	00304026	Optik	127	5	0	0	1	1	1	1	3	7	0	7
2016	Effect of solution concentration on the structural, optical and electrical properties of SnO <sub>2</sub> thin films prepared by spray pyrolysis	Abdelkrim A., Rahmane S., Abdelouahab O., Abdelmalek N., Brahim G.	00304026	Optik	127	5	0	0	1	5	6	14	5	31	0	31
2016	Artificial neural network analysis of optical measurements of glasses based on Sb <sub>2</sub> O <sub>3</sub>	Bosak O., Minarik S., Labas V., Jancikova Z., Kostial P., Zimny O., Kubliha M., Poulain M., Soltani M.T.	14544164	Journal of Optoelectronics and Advanced Materials	18	3-4	0	0	0	0	1	1	0	2	0	2
2016	Implementation of a predictive DTC-SVM of an induction motor	Mohamed C., Golea A., Benchouia M.T.		2015 4th International Conference on Electrical Engineering, ICEE 2015			0	0	0	1	1	1	0	3	0	3
2016	Modified load angle Direct Torque Control for sensorless induction motor using sliding mode flux observer	Ammar A., Bourek A., Benakcha A.		2015 4th International Conference on Electrical Engineering, ICEE 2015			0	0	0	7	1	3	0	11	0	11



2016	The effect of ionic strength on the liquid-liquid extraction of copper(n) from aqueous solutions by capric acid in chloroform	Bara A., Barkat D.	00194522	Journal of the Indian Chemical Society	93	2	0	0	0	0	0	0	0	0	0	0
2016	The mechanical and physical properties of compressed earth block stabilized with lime and filled with untreated and alkali-treated date palm fibers	Taallah B., Guettala A.	09500618	Construction and Building Materials	104		0	0	1	4	4	7	14	30	0	30
2016	Extraction behavior of copper(II) with salicylidene aniline and salicylidene toluidine isomers in chloroform from sulfate medium	Almi S., Benakcha R., Barkat D.	15533174	Synthesis and Reactivity in Inorganic, Metal-Organic and Nano-Metal Chemistry	46	2	0	0	0	1	0	0	1	2	0	2
2016	Effects of material and geometrical parameters on the free vibration of sandwich beams	Bensahal D., Amrane M.N.	1728144X	International Journal of Engineering, Transactions B: Applications	29	2	0	0	0	0	0	0	0	0	0	0
2016	Structural, morphological, optical and electrical characterization of spray ultrasonic deposited SnS <sub>2</sub> thin film	Kherkhachi I.B., Attaf A., Saidi H., Bouhdjar A., Bendjidi H., Benkhetta Y., Azizi R., Aida M.S.	00304026	Optik	127	4	0	0	0	2	0	3	0	5	0	5

2016	On partial-information optimal singular control problem for mean-field stochastic differential equations driven by Teugels martingales measures	Hafayed M., Abba A., Abbas S.	00207179	International Journal of Control	89	2	0	0	1	2	4	2	3	12	0	12
2016	Pressure effect on the structural, electronic, optical and elastic properties of Zn <sub>0.75</sub> Be <sub>0.25</sub> O from first-principles calculations	Elhamra F., Lakel S., Meradji H.	00304026	Optik	127	4	0	0	0	0	0	3	1	4	0	4
2016	Genetic and morphological consequences of Quaternary glaciations: A relic barbel lineage ( <i>Luciobarbus pallaryi</i> , Cyprinidae) of Guir Basin (Algeria)	Brahimi A., Tarai N., Benhassane A., Henrard A., Libois R.	16310691	Comptes Rendus - Biologies	339	2	0	0	0	1	0	2	0	3	0	3
2016	Solar drying of henna ( <i>Lawsonia inermis</i> ) using different models of solar flat plate collectors: An experimental investigation in the region of Biskra (Algeria)	Labed A., Moumni N., Aoues K., Benchabane A.	09596526	Journal of Cleaner Production	112		0	0	1	9	6	8	6	30	0	30
2016	Towards a new cloud robotics approach	Terrissa L.S., Ayad S.		ISMA 2015 - 10th International Symposium on Mechatronics and its Applications			0	0	2	3	1	1	0	7	0	7

2016	Synthesis, structural and physicochemical characterization of $BaFe_{1-x}Al_xO_{3-\Delta}$ oxides	Fodil H., Omari M.	19964196	Chemistry and Chemical Technology	10	4	0	0	0	0	0	1	0	1	0	1
2016	Effects of the solvent and calcination temperature on $LaFeO_3$ catalysts for methanol oxidation	Lebid M., Omari M.	10219986	Iranian Journal of Chemistry and Chemical Engineering	35	3	0	0	0	0	2	1	0	3	0	3
2016	Network security: Distributed intrusion detection system using mobile agent technology	Boukhlof D., Kazar O., Kahloul L.	17543916	International Journal of Communication Networks and Distributed Systems	17	4	0	0	0	0	2	3	1	6	1	7
2016	Predictions of solar radiation distribution: Global, direct and diffuse light on horizontal surface	Chabane F., Moumni N., Brima A.	21905444	European Physical Journal Plus	131	4	0	0	0	0	0	1	1	2	0	2
2016	Experimental analysis of behaviour of light weight high performance concrete with crystallized slag	Messaoud S.B., Mezghiche B.	17085284	World Journal of Engineering	13	5	0	0	0	0	0	1	0	1	0	1

2016	Influence of talc incorporation on the thermal properties of polystyrene composites	Hachani S.E., Meghezzi A., Slimani M., Nebbache N.	0972768X	International Journal of Chemical Sciences	14	3	0	0	0	0	1	0	0	1	0	1
2016	Impact of magnesium oxide incorporation on tensile and hardness properties of polystyrene/magnesium oxide composites	Hachani S.E., Meghezzi A., Nebbache N., Slimani M.	09742115	Journal of Chemical and Pharmaceutical Sciences	9	4	0	0	0	0	0	1	0	1	0	1
2016	Bending analysis of composite sandwich plates with laminated face sheets: New finite element formulation	Belarbi M.O., Tati A.	20083505	Journal of Solid Mechanics	8	2	0	0	0	0	0	0	0	0	0	0
2016	Statistical model checking of CSMA/CA in WSNs	Hmidi Z., Kahloul L., Benhazrallah S., Othmane C.	16130073	CEUR Workshop Proceedings	1689		0	0	0	1	2	1	0	4	0	4
2016	Active vibration control for base-isolated structures using a PID controller against earthquakes	Djedoui N., Ounis A., Abdeddaim M.	16633571	International Journal of Engineering Research in Africa	26		0	0	0	1	2	2	0	5	0	5



2016	Reformulating XQuery queries using GLAV mapping and complex unification	Benharzallah S., Bennoui H., Kazar O.	13191578	Journal of King Saud University - Computer and Information Sciences	28	1	0	0	0	0	0	0	0	0	0	0	0
2016	Effect of heat treatments on structural, microstructural and mechanical properties of Al 2017 alloy	Lemmadi F.Z., Chala A., Belahssen O., Benramache S.	0031918X	Physics of Metals and Metallography	117	1	0	0	0	0	1	0	0	1	0	1	
2016	A cooperative multi-agent system for modeling of authoring system in E-learning	Belazoui A., Kazar O., Bourekache S.	18266223	Journal of E-Learning and Knowledge Society	12	1	0	0	0	2	0	0	0	2	0	2	
2016	Structural, Electrical and Electrochemical Characterizations of Perovskite Ni-Doped SrCo <sub>3-δ</sub>	Makhloufi S., Omari M.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	26	1	0	0	2	3	1	4	0	10	0	10	
2016	Structural, optical and electrical properties of NiO nanostructure thin film	Ghougali M., Belahssen O., Chala A.	20776772	Journal of Nano-and Electronic Physics	8	4	0	0	0	3	1	4	4	12	0	12	







2016	Approximate analysis of an GI/M/ $\infty$ queue using the strong stability method	Bareche A., Cherfaoui M., Aissani D.	24058963	IFAC-PapersOnLine	49	12	0	0	0	0	0	0	0	0	0	0
2016	[Domestic architecture in the ground between conservation and modernity: If an oasis city in Algeria "Aoulef", L'architecture domestique en terre entre préservation et modernité: Cas d'une ville oasienne d'Algérie "Aoulef"]	Boutabba H., Mili M., Boutabba S.D.	20282508	Journal of Materials and Environmental Science	7	10	0	0	0	0	0	2	1	3	0	3
2016	An agent based approach for modeling a groupware	Eddine M.M.C., Okba K.	15741702	Multiagent and Grid Systems	12	3	0	0	0	0	0	0	0	0	0	0
2016	Heat treatment effect on the creep of industrial copper wire	Gareh S., Boumerzoug Z.	13351532	Acta Metallurgica Slovaca	22	3	0	0	0	0	0	1	0	1	0	1
2016	Behavior of Hollow Thin Welded Tubes Filled with Sand Slag Concrete	Ferhoun N., Senani M., Guettala A.	16878434	Advances in Materials Science and Engineering	2016		0	0	0	0	0	0	1	1	0	1

2016	Influence of annealing temperature on In <sup>2+</sup> properties grown by an ultrasonic spray CVD process	Bouhdjer A., Attaf A., Saidi H., Benkhetta Y., Aida M.S., Bouhaf I., Rhil A.	00304026	Optik	127	16	0	0	1	3	1	5	3	13	0	13
2016	Numerical modelling of a Timoshenko FGM beam using the finite element method	Ziou H., Guenfoud H., Guenfoud M.	17587328	International Journal of Structural Engineering	7	3	0	0	0	1	0	2	0	3	0	3
2016	Density functional study of structural and electronic properties of free gold and silver clusters	Yamina B., Abdelouahab O.	09707077	Asian Journal of Chemistry	28	10	0	0	0	0	0	0	0	0	0	0
2016	Fast region-based active contour model driven by local signed pressure force	Azizi A., Elkourd K.	15775097	Electronic Letters on Computer Vision and Image Analysis	15	1	0	0	0	1	0	1	1	3	0	3
2016	Influence of Urbach energy with solution molarity on the electrical conductivity in undoped ZnO thin films	Benramache S., Benhaoua B.	20776772	Journal of Nano- and Electronic Physics	8	2	0	0	1	1	0	0	2	4	0	4

2016	Characteristics of Speed Sensorless Vector Controlled Induction Motor with High Efficiency Taking Core Loss into Account	Mederharhet Y., Bennis O., Benchabane F., Titaouine A., Guettaf A.	18770509	Procedia Computer Science	83		0	0	0	0	0	1	1	2	0	2
2016	[Status of the white-headed duck oxyura leucocephala in northeast Algeria, Répartition et abondance de l'érismature À tête blanche oxyura leucocephala dans les zones humides du nord-est Algérien]	Halassi I., Elafri A., Belhamra M., Houhamdi M.	00024619	Alauda	84	1	0	0	0	3	1	0	0	4	0	4
2016	Sufficient conditions of optimality for forward-backward doubly SDE with jumps	Al-Hussein A., Gherbal B.	21941009	Springer Proceedings in Mathematics and Statistics	158		0	0	0	0	0	0	0	0	0	0
2016	A comparative study the calculation of the optical gap energy and urbach energy in undoped and indium doped ZnO thin films	Benramache S., Benhaoua B., Belahssen O.	20776772	Journal of Nano- and Electronic Physics	8	1	0	0	2	0	0	0	0	2	0	2
2016	On Zhou's maximum principle for near-optimal control of mean-field forward-backward stochastic systems with jumps and its applications	Hafayed M., Abba A., Boukaf S.	17466172	International Journal of Modelling, Identification and Control	25	1	0	0	1	5	0	1	1	8	0	8

2016	DFT modeling of the enantiomeric excess in asymmetric transfer hydrogenation reaction of prochiral ketones in water promoted by chiral proline (amide/amine) ruthenium (II) complexes	Meftah Y., Boumedjane Y., Maou S., Nebbache N.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	7	1	0	0	0	0	0	0	0	0	0	0
2016	Experimental modeling of measure the carbonation depth of the concrete by the height of capillary imbibition	Rabehi M., Mezghiche B.	15630854	Asian Journal of Civil Engineering	17	5	0	0	0	0	0	0	0	0	0	0
2016	Geometric non-linear hexahedral elements with rotational DOFs	Meftah K., Zouari W., Sedira L., Ayad R.	01787675	Computational Mechanics	57	1	0	0	1	1	2	0	1	5	0	5
2016	Drinking water consumption and loss in Algeria the case of networks with low level counting	Masmoudi R., Kettab A., Bremond B.	19823932	Journal of Urban and Environmental Engineering	10	2	0	0	0	0	0	0	1	1	0	1
2016	Wind energy potential and economic analysis of WECS in four selected locations in Algeria	Charrouf O., Betka A., Taleb-Ahmed A., Amar G.		2016 IEEE International Conference on Renewable Energy Research and Applications, ICRERA 2016			0	0	0	1	2	1	0	4	0	4

2016	Enhanced adaptive sub-packet forward error correction mechanism for video streaming in VANET	Zaidi S., Bitam S., Mellouk A.		2016 IEEE Global Communications Conference, GLOBECOM 2016 - Proceedings			0	0	0	1	3	0	3	7	0	7
2016	Reliability evaluation based on a fuzzy expert system: Centrifugal pump application	Rachid B., Hafaifa A., Hadroug N., Boumehras M.	12201766	Studies in Informatics and Control	25	2	0	0	0	2	4	0	1	7	0	7
2016	FEM analysis for comparative investigation of the stator circuit connexion impact on the induction motor broken bar fault higher order signatures	Halem N., Zouzou S.E., Srairi K., Gyftakis K.N.	20856830	International Journal on Electrical Engineering and Informatics	8	4	0	0	0	0	0	0	0	0	0	0
2016	CFD Modelling of Bubbly Gas Flow using Coupled OOSPM-Two-Fluid Model	Attarakih M., Hasseine A., Bart H.-J.	15707946	Computer Aided Chemical Engineering	38		0	0	0	1	1	0	0	2	0	2
2016	Population Balance Modelling of Liquid Extraction Columns using the Sectional Quadrature Method of Moments (SQMOM)	Alzyod S., Attarakih M., Hasseine A., Bart H.-J.	15707946	Computer Aided Chemical Engineering	38		0	0	0	1	0	1	1	3	0	3

2016	Structural and elastic properties of BiOCu <sub>1-x</sub> S with Cu vacancies	Lakel S., Ibrir M., Guibadj A.	22147853	Materials Today: Proceedings	3	9	0	0	0	0	1	1	0	2	0	2
2016	[Optimized torque control via backstepping using genetic algorithm of induction motor, Optimizirano povratnokoračno upravljanje momentom indukcijskog motora korištenjem genetičkog algoritma]	Chaouch S., Drid S., Abdou L., Chrifi-Alaoui L.	00051144	Automatika	57	2	0	0	0	0	2	2	2	6	0	6
2016	Growth study of CdS thin films deposited by chemical bath	Beggas A., Benhaoua B., Attaf A., Aida M.S.	00304026	Optik	127	20	0	0	0	0	1	2	1	4	0	4
2016	Experimental and theoretical analysis on thermal performance of the flat plate solar air collector	Aissaoui F., Benmachiche A.H., Brima A., Bahloul D., Belloufi Y.	03928764	International Journal of Heat and Technology	34	2	0	0	0	4	3	0	4	11	0	11
2016	Robust speaker identification system over AWGN channel using improved features extraction and efficient SAD algorithm with prior SNR estimation	Ajgou R., Sbaa S., Ghendir S., Chems A., Taleb-Ahmed A.	19984464	International Journal of Circuits, Systems and Signal Processing	10		0	0	0	0	0	0	1	1	0	1





2016	Effect of granulometric correction of dune sand and pneumatic waste metal fibers on shrinkage of concrete in arid climates	Belferra A., Kriker A., Abboudi S., Bi S.T.	09596526	Journal of Cleaner Production	112		0	0	1	3	3	3	2	12	0	12
2016	Phytochemical screening and antioxidant activity of aqueous extract of Genista Saharae (Coss. & Dur.)	Guettaf S., Abidli N., Kariche S., Bellebcir L., Bouriche H.	09755071	Der Pharmacia Lettre	8	1	0	0	0	0	0	1	3	4	0	4
2016	Biodiversity and population dynamics of litter-dwelling cockroaches in belezma national park (Algeria)	Azoui I., Frah N., Habbachi W., Ouakid M.L., Nia B.	13000179	Turkish Journal of Zoology	40	2	0	0	0	0	0	0	0	0	0	0
2016	Electronic structure and physical-chemistry properties relationship for citral derived amides by quantum chemical calculations	Gharbi R., Almi Z., Belaidi S., Boughdiri S.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	7	1	0	0	0	0	0	0	0	0	0	0
2016	The effect of alkali treatment on the mechanical and water absorption characteristics of olive stone flour reinforced polystyrene composites	Boussehel H., Meghezzi A., Nebbache N., Maou S., Slimani M., Loucif A.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	7	1	0	0	0	0	0	0	1	1	0	1

2016	Towards preventive control for open MAS: An aspect-based approach	Chebout M.S., Mokhati F., Badri M., Babahenini M.C.		ICINCO 2016 - Proceedings of the 13th International Conference on Informatics in Control, Automation and Robotics	1		0	0	0	0	0	1	0	1	0	1
2016	Monitoring the evolution of the properties of aluminum AgS alloy wire during drawing	Messaoudi S., Zidani M., Chenafi M., Meghazi A., Mathon M.H., Baudin T.		METAL 2016 - 25th Anniversary International Conference on Metallurgy and Materials, Conference Proceedings			0	0	0	1	1	0	0	2	0	2
2016	An hybrid control based on fuzzy logic and a second order sliding mode for MPPT in wind energy conversion systems	Tria F.Z., Srairi K., Benchouia M.T., Mahdad B., Benbouzid M.E.H.	20856830	International Journal on Electrical Engineering and Informatics	8	4	0	0	0	1	1	1	1	4	0	4
2016	Towards a hybrid semantic similarity measure to set the conceptual relatedness in a hierarchy	Nessah D., Kazar O., Benharkat A.-N.	17442621	International Journal of Metadata, Semantics and Ontologies	11	3	0	0	0	1	0	0	0	1	0	1
2016	Effects of cellulosic and basic flux on the structure, composition and hardness of SMAW welds on steel X42	Khamouli F., Zidani M., Farh H., Saoudi A., Atoui L.	16633571	International Journal of Engineering Research in Africa	27		0	0	0	0	0	3	0	3	0	3

2016	Evaluation of histograms local features and dimensionality reduction for 3D face verification	Ammar C., Mebarka B., Abdelmalik O., Salah B.	1976913X	Journal of Information Processing Systems	12	3	0	0	1	0	2	3	1	7	0	7
2016	Robust multimodal 2D and 3D face authentication using local feature fusion	Ouamane A., Belahcene M., Benakcha A., Bourennane S., Taleb-Ahmed A.	18631703	Signal, Image and Video Processing	10	1	0	0	1	5	7	1	2	16	0	16
2016	[Biodiversity of the Black Flies (Diptera: Simuliidae) and physicochemical quality of watercourses of the oued El Hai basin (Aures - Algeria), Biodiversité des mouches noires (Diptera: Simuliidae) et qualité physicochimique des eaux du bassin versant de l'oued El Hai (Aurès - Algérie)]	Arigue S.F., Adler P.H., Belqat B., Bebbi N., Arab A.	20282508	Journal of Materials and Environmental Science	7	12	0	0	0	0	1	1	0	2	0	2
2016	Annealing effect at low temperature on the evolution of the microstructure, mechanical and electrical properties of a drawn aluminum wire	Zidani M., Hadid M.D., Djimaoui T., Farh H., Messaoudi S., Bessais L., Mathon M.H., Baudin T.		METAL 2016 - 25th Anniversary International Conference on Metallurgy and Materials, Conference Proceedings			0	0	0	1	0	0	0	1	0	1
2016	The sequel of modified fly ashes using high energy ball milling on mechanical performance of substituted past cement	Hamzaoui R., Bouchenafa O., Guessasma S., Leklou N., Bouaziz A.	02641275	Materials and Design	90		0	0	1	8	9	8	6	32	0	32

2016	The influence of aging on industrially cold drawn aluminum alloy (6101) used in the electric transmission lines	Zidani M., Hadid M.D., Djimaoui T., Messaoudi S., Bessais L., Miroud D., Farh H., Mathon M.H., Baudin T.	16633571	International Journal of Engineering Research in Africa	24		0	0	0	2	3	0	0	5	0	5
2015	Block design multichannel MAC protocol for WSNs	Hannachi A., Bachir A.		NTIC 2015 - 2015 1st International Conference on New Technologies of Information and Communication, Proceeding			0	0	0	1	0	0	0	1	0	1
2015	Security study of m-business: Review and important solutions	Aloui A., Kazar O., Bourekkache S., Zoubeidi M.		SIIE 2015 - 6th International Conference on "Information Systems and Economic Intelligence"			0	0	0	0	0	0	0	0	0	0
2015	Study with RK4 & ANOVA the location of the tumor at the smallest time for multi-images	Kourd Kaouther E., Eddine Khelil S., Hammoum S.		Proceedings - International Conference on Computer Vision and Image Analysis Applications, ICCVIA 2015			0	0	0	0	1	0	0	1	0	1
2015	Effect of Geosynthetic on the Performance of Road Embankment over Sabkha Soils in Algeria: Case Study	Benmebarek S., Berrabah F., Benmebarek N., Belounar L.	21999260	International Journal of Geosynthetics and Ground Engineering	1	4	0	0	0	0	1	1	4	6	0	6









2015	Experimental evaluation of workability and compressive strength of concrete with several local sand and mineral additions	Khouadjia M.L.K., Mezghiche B., Drissi M.	09500618	Construction and Building Materials	98		0	0	1	1	0	2	3	7	0	7
2015	A new flat shell finite element for the linear analysis of thin shell structures	Hamadi D., Ayoub A., Abdelhafid O.	17797179	European Journal of Computational Mechanics	24	6	0	0	0	1	2	3	2	8	0	8
2015	Qualitative QSAR studies, electronic structure, drug likeness of 1,2-dithiole-3-one derivatives	Rouahna Y., Belaidi S., Harkati D., Kerassa A.	15461955	Journal of Computational and Theoretical Nanoscience	12	11	0	0	0	0	0	0	0	0	0	0
2015	In silico approach for conformational analysis, drug-likeness properties and structure activity relationships of 12-membered macrolides	Belaidi S., Youcef O., Salah T., Lanez T.	15461955	Journal of Computational and Theoretical Nanoscience	12	11	0	0	1	0	1	1	1	4	0	4
2015	Modeling and Control of DFIG Through Back-to-Back Five Levels Converters Based on Neuro-Fuzzy Controller	Dida A., Benattous D.	21953880	Journal of Control, Automation and Electrical Systems	26	5	0	0	2	1	0	1	2	6	0	6

2015	Structural, optical and electrical properties studies of ultrasonically deposited tin oxide (SnO <sub>2</sub> ) thin films with different substrate temperatures	Rahal A., Benhaoua A., Jlassi M., Benhaoua B.	07496036	Superlattices and Microstructures	86		0	1	2	5	10	5	2	25	0	25
2015	The air solar collectors: Introduction of chicanes to favour the heat transfer and temperature in the air stream dynamics	Mahfoud O., Moummi A., Moummi N.	2261236X	MATEC Web of Conferences	28		0	0	0	0	0	0	0	0	0	0
2015	Mechanical Properties and Durability of Lime and Natural Pozzolana Stabilized Steam-Cured Compressed Earth Block Bricks	Izemmouren O., Guettala A., Guettala S.	09603182	Geotechnical and Geological Engineering	33	5	0	0	0	2	1	6	2	11	0	11
2015	Diagnosis of rotor faults in three-phase induction motors under time-varying loads	Mabrouk A.E., Zouzou S.E.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	0	2	1	1	1	5	0	5
2015	Calculation of induction machines inductances under outer raceway defect	Bessous N., Zouzou S.E., Halem N.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	0	3	0	2	0	5	0	5

2015	A novel method for induction motors stator inter-turn short circuit fault diagnosis based on wavelet energy and neural network	Bessam B., Menacer A., Boumehraz M., Cherif H.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	1	3	3	1	2	10	0	10
2015	Stator inter turns fault detection using discrete wavelet transform	Cherif H., Menacer A., Bessam B., Kechida R.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	0	4	1	1	4	10	0	10
2015	The use of the modified Prony's method for rotor speed estimation in squirrel cage induction motors	Sahraoui M., Cardoso A.J.M., Yahia K., Ghoggal A.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	0	0	0	1	0	1	0	1
2015	The use of a modified Prony's method to detect the airgap-eccentricity occurrence in induction motors	Yahia K., Sahraoui M., Cardoso A.J.M., Ghoggal A.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	1	0	0	0	0	1	0	1
2015	Discrete wavelet transform for stator fault detection in induction motors	Kechida R., Menacer A., Talhaoui H., Cherif H.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	0	1	2	3	1	7	0	7

2015	Mixed eccentricity fault diagnosis in the sensorless field oriented control induction motor using DWT technique	Talhaoui H., Menacer A., Kechida R.		Proceedings - SDEMPED 2015: IEEE 10th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			0	0	1	3	2	1	1	8	0	8
2015	A multilayered 3D hexahedral finite element with rotational DOFs	Meftah K., Sedira L., Zouari W., Ayad R., Hecini M.	17797179	European Journal of Computational Mechanics	24	3	0	0	0	0	0	0	2	2	0	2
2015	A decentralized framework for semantic web services discovery using mobile agent	Seghir N.B., Kazar O., Rezeg K.	15541045	International Journal of Information Technology and Web Engineering	10	4	0	0	0	1	6	1	2	10	0	10
2015	Gaussian approximation to the extreme value index estimator of a heavy-tailed distribution under random censoring	Brahimi B., Meraghni D., Necir A.	10665307	Mathematical Methods of Statistics	24	4	0	0	1	0	1	5	0	7	0	7
2015	Qualitative Structure-activity relationships and 2D-QSAR modeling of TNF- $\alpha$ inhibition by thalidomide derivatives	Dermeche K., Tchouar N., Belaidi S., Salah T.	15577910	Journal of Bionanoscience	9	5	0	0	1	2	5	1	1	10	0	10

2015	Quantitative structure activity relationship study for development of plasmin inhibitors controlled by the spacer hydantoin	Bouchlaleg L., Belaidi S., Salah T., Alafeefy A.M.	15461955	Journal of Computational and Theoretical Nanoscience	12	10	0	0	1	0	1	1	1	4	0	4
2015	Multimodal depth and intensity face verification approach using LBP, SLF, BSIF, and LPQ local features fusion	Ouamane A., Benakcha A., Belahcene M., Taleb-Ahmed A.	10546618	Pattern Recognition and Image Analysis	25	4	0	0	0	3	1	0	1	5	0	5
2015	Numerical simulation of bias and photo stress on indium-gallium-zinc-oxide thin film transistors	Adaika M., Meftah A., Sengouga N., Henini M.	0042207X	Vacuum	120		0	0	3	0	2	5	1	11	0	11
2015	Modeling the effect of defects on the performance of an n-CdO/p-Si solar cell	Chala S., Sengouga N., Yakuphanoglu F.	0042207X	Vacuum	120		0	0	0	0	3	1	2	6	0	6
2015	Ab initio study of electronic structure and magnetic properties in ferromagnetic $Sr_{1-x}(Mn, Cr)_xO$ alloys	Berri S., Kouriche A., Maouche D., Zerarga F., Attallah M.	13698001	Materials Science in Semiconductor Processing	38		0	0	0	1	1	2	7	11	0	11

2015	The effect of the starting powders particle size on the electrical properties of sintered Co doped ZnO varistors	Hamdelou S., Guergouri K., Arab L.	21905509	Applied Nanoscience (Switzerland)	5	7	0	0	2	1	2	2	1	8	0	8
2015	Semantic representation of virtual humans	Messaoud M., Cherif F., Sanza C., Gaildrat V.	19366612	Advanced Science Letters	21	10	0	0	0	0	0	0	0	0	0	0
2015	Doubly-fed induction generator drive based WECS using fuzzy logic controller	Dida A., Ben Attous D.	20951701	Frontiers in Energy	9	3	0	0	1	1	5	4	3	14	0	14
2015	Monte-Carlo simulation of nano-collected current from a silicon sample containing a linear arrangement of uncapped nanocrystals	Ledra M., El Hdiy A.	00218979	Journal of Applied Physics	118	11	0	0	1	2	1	0	0	4	0	4
2015	Surface morphology and electrochemical characterization of electrodeposited Ni-Mo nanocomposites as cathodes for hydrogen evolution	Guettaf Temam E., Ben Temam H., Benramache S.	16741056	Chinese Physics B	24	10	0	0	1	1	3	1	0	6	0	6

2015	Theoretical investigation of elastic and phononic properties of Zn <sub>1-x</sub> Be <sub>x</sub> Alloys	Elhamra F., Lakel S., Ibrir M., Almi K., Meradji H.	02179849	Modern Physics Letters B	29	24	0	0	0	0	1	0	2	3	0	3
2015	Temperature MAC plug-in for large scale WSN	Bechkit W., Challal Y., Bachir A., Bouabdallah A.	15503607	IEEE International Conference on Communications	2015-		0	0	0	0	0	0	0	0	0	0
2015	An improved splat-based ray tracing for point-based objects	Beddiaf A., Babahenini M.C.		12th International Symposium on Programming and Systems, ISPS 2015			0	0	0	0	0	0	0	0	0	0
2015	Implementation of fuzzy-sliding mode based control of a grid connected photovoltaic system	Menadi A., Abdeddaim S., Ghamri A., Betka A.	00190578	ISA Transactions	58		0	0	3	8	7	12	6	36	0	36
2015	Cryptic biodiversity in the cytogenome of bird-biting blackflies in North Africa	Adler P.H., Cherairia M., Arigue S.F., Samraoui B., Belqat B.	0269283X	Medical and Veterinary Entomology	29	3	0	1	5	0	3	1	3	13	0	13

2015	Fuzzy logic based sensorless MPPT algorithm for wind turbine system driven DFIG	Dida A., Benattous D.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	0	1	1	2	1	5	0	5
2015	Modeling and control of DFIG via back-to-back multilevel converters using fuzzy logic controller	Dida A., Benattous D.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	0	0	0	0	0	0	0	0
2015	Flatness and sliding mode based controller of fuel cell and supercapacitors hybrid source	Kraa O., Saadi R., Aboubou A., Bahri M., Becherif M., Ayad M.Y.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	0	2	0	1	0	3	0	3
2015	Predator-prey coevolution in a physically simulated environment	Ouannes N., Djedi N., Duthen Y., Luga H.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	0	0	0	0	0	0	0	0
2015	Design and realization of a real-time control platform for quadrotor unmanned aerial vehicles	Kafi M.R., Chaoui H., Hamane B., Debilou A.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	0	0	1	0	0	1	0	1



2015	Facial age estimation and gender classification using multi level local phase quantization	Bekhouche S.E., Ouafi A., Benlamoudi A., Taleb-Ahmed A., Hadid A.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	2	8	3	8	1	22	0	22
2015	Face spoofing detection using local binary patterns and Fisher Score	Benlamoudi A., Samai D., Ouafi A., Bekhouche S.E., Taleb-Ahmed A., Hadid A.		3rd International Conference on Control, Engineering and Information Technology, CEIT 2015			0	0	0	1	3	3	1	8	0	8
2015	Synthesis and physicochemical characterization of $\text{LaCr}_{1-x}\text{Cu}_x\text{O}_3$	Adaika K., Omari M.	09280707	Journal of Sol-Gel Science and Technology	75	2	0	0	2	1	3	2	1	9	0	9
2015	Electrical, dielectric, and optical properties of $\text{Sb}_2\text{O}_3$ - $\text{Li}_2\text{O}$ - $\text{MoO}_3$ glasses	Kubliha M., Soltani M.T., Trnovcova V., Legouera M., Labas V., Kostka P., Le Coq D., Hamzaoui M.	00223093	Journal of Non-Crystalline Solids	428		0	0	1	4	2	3	1	11	0	11
2015	Regression-Based Bootstrapping of Web Service Reputation Measurement	Tibermacine O., Tibermacine C., Cherif F.		Proceedings - 2015 IEEE International Conference on Web Services, ICWS 2015			0	0	1	0	2	1	1	5	0	5

2015	First-principles investigation of electronic and optical properties and thermodynamic stability of $Zn_{1-x}Be_xO$ semiconductor alloy	Lakel S., Elhamra F., Almi K., Meradji H.	13698001	Materials Science in Semiconductor Processing	40		0	0	0	2	1	1	2	6	0	6
2015	Computational methods applied in physical-chemistry property relationships of thiophene derivatives	Belaidi S., Belaidi H., Bouzidi D.	15461955	Journal of Computational and Theoretical Nanoscience	12	8	0	1	2	1	3	0	2	9	0	9
2015	Modeling the effect of deep traps on the capacitance-voltage characteristics of p-type Si-doped GaAs Schottky diodes grown on high index GaAs substrates	Sengouga N., Boumaraf R., Mari R.H., Meftah A., Jameel D., Al Saqri N., Azziz M., Taylor D., Henini M.	13698001	Materials Science in Semiconductor Processing	36		0	0	0	0	0	3	0	3	0	3
2015	New $Er^{3+}$ doped antimony oxide based glasses: Thermal analysis, structural and spectral properties	Ouannes K., Lebbou K., Walsh B.-M., Poulain M., Alombert-Goget G., Guyot Y.	09258388	Journal of Alloys and Compounds	649		0	0	1	3	2	1	2	9	0	9
2015	Synthesis and Characterization of Perovskite Oxides $LaAl_{1-x}Ni_xO_{3-\delta}$ ( $0 \leq x \leq 0.6$ ) via Co-precipitation Method	Djoudi L., Omari M.	15741443	Journal of Inorganic and Organometallic Polymers and Materials	25	4	0	0	2	1	2	1	1	7	0	7

2015	Security optimal power flow considering loading margin stability using hybrid FFA-PS assisted with brainstorming rules	Mahdad B., Srairi K.	15684946	Applied Soft Computing Journal	35		0	0	0	4	4	5	1	14	0	14
2015	Density functional perturbation theory calculations of vibrational and thermodynamic properties of Zn <sub>1-x</sub> Be <sub>x</sub> O alloys.	Lakel S., Elhamra F., Almi K., Meradji H.	13698001	Materials Science in Semiconductor Processing	40		0	0	0	1	2	0	1	4	0	4
2015	A bio problem-solver for supporting the design, towards the optimization of the energy efficiency	Sara K., Nouredine Z.		6th International Conference on Modeling, Simulation, and Applied Optimization, ICMSAO 2015 - Dedicated to the Memory of Late Ibrahim El-Sadek			0	0	0	1	0	0	0	1	0	1
2015	The garden foggara of timimoun (Algeria): The decline of hydraulic heritage	Boualem R., Jean A., Bachir A.	09729860	Asian Journal of Water, Environment and Pollution	12	3	0	0	0	0	1	0	0	1	0	1
2015	Blackout risk prevention in a smart grid based flexible optimal strategy using Grey Wolf-pattern search algorithms	Mahdad B., Srairi K.	01968904	Energy Conversion and Management	98		0	2	8	13	8	17	7	55	0	55

2015	Numerical simulation of the effect of the free carrier motilities on light-soaked a-Si:H p-i-n solar cell	Ayat L., Bouhdjar A.F., Meftah A.F., Sengouga N.	16744926	Journal of Semiconductors	36	7	0	0	0	0	0	0	0	0	0	0	0
2015	Factors affecting growth parameters of White Stork nestlings in eastern Algeria	Benharzallah N., Si Bachir A., Taleb F., Barbraud C.	21937192	Journal of Ornithology	156	3	0	1	1	1	0	2	0	5	0	5	
2015	Joint Connectivity-Coverage Temperature-Aware Algorithms for Wireless Sensor Networks	Bachir A., Bechkit W., Challal Y., Bouabdallah A.	10459219	IEEE Transactions on Parallel and Distributed Systems	26	7	0	0	2	1	1	2	2	8	0	8	
2015	Presence of aflatoxin M <sub>1</sub> in raw, reconstituted, and powdered milk samples collected in Algeria	Redouane-Salah S., Morgavi D.P., Arhab R., Messai A., Boudra H.	01676369	Environmental Monitoring and Assessment	187	6	0	0	0	0	1	1	2	4	0	4	
2015	Free vibration analysis of homogeneous piezoelectric structures using specific hexahedral elements with rotational DOFs	Zouari W., Assarar M., Meftah K., Ayad R.	00015970	Acta Mechanica	226	6	0	0	0	0	2	0	2	4	0	4	

2015	Necessary condition for optimality of forward-backward doubly system	Adel C.	10129405	Afrika Matematika	26	3-4	0	0	0	0	0	0	0	0	0	0
2015	Mean-Field Maximum Principle for Optimal Control of Forward-Backward Stochastic Systems with Jumps and its Application to Mean-Variance Portfolio Problem	Hafayed M., Tabet M., Boukaf S.	21946701	Communications in Mathematics and Statistics	3	2	0	0	2	1	0	3	0	6	0	6
2015	Klein Paradox for the Bosonic Equation in the Presence of Minimal Length	Falek M., Merad M., Moumni M.	00159018	Foundations of Physics	45	5	0	0	1	1	0	1	2	5	0	5
2015	The use of a modified prony method to track the broken rotor bar characteristic frequencies and amplitudes in three-phase induction motors	Sahraoui M., Cardoso A.J.M., Ghoggal A.	00939994	IEEE Transactions on Industry Applications	51	3	0	3	9	14	6	2	2	36	0	36
2015	Effect of geosynthetic reinforced embankment on locally weak zones by numerical approach	Benmebarek S., Berrabah F., Benmebarek N.	0266352X	Computers and Geotechnics	65		0	1	2	2	5	4	6	20	0	20

2015	Bio-inspired routing algorithms survey for vehicular ad hoc networks	Bitam S., Mellouk A., Zeadally S.	1553877X	IEEE Communications Surveys and Tutorials	17	2	0	2	5	7	18	22	20	74	0	74
2015	The effect of the solution flow rate on the properties of zinc oxide (ZnO) thin films deposited by ultrasonic spray	Attaf A., Benkhetta Y., Saidi H., Bouhdjar A., Bendjedidi H., Nouadji M., Lehraki N.	0094243X	AIP Conference Proceedings	1653		0	0	0	0	0	0	0	0	0	0
2015	Influence of growth time on crystalline structure, morphologic and optical properties of In <sub>2</sub> O <sub>3</sub> thin films	Attaf A., Bouhdjar A., Saidi H., Benkhetta Y., Bendjedidi H., Nouadji M., Lehraki N.	0094243X	AIP Conference Proceedings	1653		0	0	0	0	1	0	4	5	0	5
2015	Ab initio study of structural, electronic, magnetic alloys: XTiSb (X = Co, Ni and Fe)	Ibrir M., Lakel S., Berri S., Alleg S., Bensalem R.	0094243X	AIP Conference Proceedings	1653		0	0	0	0	0	0	0	0	0	0
2015	Pressure effects on the elastic and lattice dynamics properties of AIP from first-principles calculations	Lakel S., Okbi F., Ibrir M., Almi K.	0094243X	AIP Conference Proceedings	1653		0	0	0	1	0	1	2	4	0	4









2015	Stress concentration and deflection in isotropic and orthotropic plates with opening. Finite element study: Stress concentration and deflection in composite plates with circular cutout	Bouzgou A.A., Khechai A., Tati A.	11697954	Revue des Composites et des Materiaux Avances	25	3-4	0	0	0	0	3	2	0	5	0	5
2015	[Experimental study of the mode I delamination on the pipe manufactured by filament winding, Étude expérimentale du délaminage en mode I des tubes fabriqués par enroulement filamentaire]	Rekbi F.M.L., Hecini M.	11697954	Revue des Composites et des Materiaux Avances	25	3-4	0	0	0	0	1	0	0	1	0	1
2015	[Analytical and numerical study of the stress concentration in composite plates with a circular hole, Étude analytique et numérique de la concentration des contraintes dans les plaques composites avec trou circulaire]	Boubeker R., Hecini M.	11697954	Revue des Composites et des Materiaux Avances	25	3-4	0	0	0	1	0	0	0	1	0	1
2015	[Analysis of stress concentrations in orthotropic plates with a circular hole, Analyse de la concentration des contraintes dans les plaques orthotropes munies d'un trou circulaire]	Boubeker R., Hecini M.	11697954	Revue des Composites et des Materiaux Avances	25	1	0	1	1	1	0	0	0	3	0	3
2015	Analysis of laminated composite plates bending using a new simple finite element based on Reddy's third order theory	Belkaid K., Tati A.	11697954	Revue des Composites et des Materiaux Avances	25	1	0	0	0	0	0	2	0	2	0	2

2015	Control of a fractional jerk equation using the fractional Routh-Hurwitz criteria	Menacer T.		2015 4th International Conference on Systems and Control, ICSC 2015			0	0	0	0	1	1	0	2	0	2
2015	Web applications development by formal refinement approach	Eddine M.M.C., Okba K.	17389984	International Journal of Software Engineering and its Applications	9	12	0	0	0	0	0	0	0	0	0	0
2015	Effect of talc addition on the properties of polystyrene / talc composites	Eddine H.S., Ahmed M.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	6	6	0	0	1	0	0	0	0	1	0	1
2015	Finite element analysis of stress concentrations in isotropic and composite plates with elliptical holes	Khechai A., Tati A., Belarbi M.O., Guettala A.	21954356	Lecture Notes in Mechanical Engineering	789		0	0	0	1	0	0	0	1	0	1
2015	Efficient layerwise finite element model for multilayer sandwich plates analysis	Belarbi M.O., Tati A., Khechai A.	21954356	Lecture Notes in Mechanical Engineering	789		0	1	0	1	0	0	0	2	0	2

2015	Study of the extraction liquid-liquid of copper (II) in the aqueous media: Sulphate and nitrate with Di-2-ethyl hexylphosphoric acid	Djebabra S., Barkat D.	20282508	Journal of Materials and Environmental Science	6	11	0	0	0	0	0	0	0	0	0	0
2015	Simulation and optimization of silicon solar cell back surface field	Tobbeche S., Kateb M.N.	13921320	Medziagotyra	21	4	0	0	0	0	0	0	2	2	0	2
2015	Multi-objective Economic Emission Dispatch Solution Using Dance Bee Colony with Dynamic Step Size	Hadji B., Mahdad B., Srairi K., Mancner N.	18766102	Energy Procedia	74		0	0	0	2	7	1	4	14	0	14
2015	Numerical Simulation of CGS/CIGS Single and Tandem Thin-film Solar Cells using the Silvaco-Atlas Software	Elbar M., Tobbeche S.	18766102	Energy Procedia	74		0	0	2	3	7	1	5	18	0	18
2015	An Assessment of Thermal Comfort and Users' "perceptions" in Office Buildings - Case of Arid Areas with Hot and Dry Climate - Case o	Houda M., Djamel A., Faycal L.	18766102	Energy Procedia	74		0	0	1	0	0	1	2	4	0	4

2015	Comparative Study between Different Controllers used in Three-phase Four-wire Shunt Active Filter	Ghamri A., Mahni T., Benhouia M.T., Srairi K., Golea A.	18766102	Energy Procedia	74		0	0	0	1	3	0	0	4	0	4
2015	Optimal Coordination of Directional Overcurrent Relays Using PSO-TVAC	Mancer N., Mahdad B., Srairi K., Hamed M., Hadji B.	18766102	Energy Procedia	74		0	0	1	1	2	3	0	7	0	7
2015	Multi-objective PSO-TVAC for Environmental/Economic Dispatch Problem	Hadji B., Mahdad B., Srairi K., Mancer N.	18766102	Energy Procedia	74		0	0	1	1	5	4	2	13	0	13
2015	Experimental analysis of heat transfer in the flow channel duct of solar air heaters (SAHs)	Labed A., Moumni N., Benchabane A., Zellouf M.	03928764	International Journal of Heat and Technology	33	3	0	0	2	3	0	1	0	6	0	6
2015	Interactive gravitational search algorithm and pattern search algorithms for practical dynamic economic dispatch	Mahdad B., Srairi K.	20507038	International Transactions on Electrical Energy Systems	25	10	0	0	1	1	4	5	3	14	0	14

2015	Tribological behavior of 42CrMo4 steel nitrided by plasma	Saied C., Chala A., Belahssen O., Benramache S.	13351532	Acta Metallurgica Slovaca	21	3	0	0	0	3	1	0	0	4	0	4
2015	Effect of Ni doping on some properties of electrodeposited zinc alloy coatings	Diafi M., Belhamra N., Temam H.B., Gasmı B., Benramache S.	13351532	Acta Metallurgica Slovaca	21	3	0	0	1	0	1	2	2	6	0	6
2015	Sintering and dielectrics properties of PZT-PMI ferroelectric ceramics doped with $La_{2-x}O_{3-x}$	Abba M., Boutarfaia A., Zelikha N., Noura A., Abdelhek M., Karima B.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	6	5	0	0	0	0	0	0	0	0	0	0
2015	Characterization of optimality for controlled Markovian jump diffusion processes	Chighoub F.	13598678	Nonlinear Studies	22	3	0	0	0	0	0	0	0	0	0	0
2015	Active control of the vertical axis wind turbine by the association of flapping wings to their blades	Bouzaher M.T., Hadid M.	18770509	Procedia Computer Science	52	1	0	0	1	1	0	1	0	3	0	3

2015	Wireless sensor networks for the surveillance of wide date palm forests: (Specification and verification levels)	Kahloul L.	18770509	Procedia Computer Science	56	1	0	0	0	0	0	0	0	0	0	0
2015	Common fixed point theorems for weakly subsequentially continuous generalized contractions with applications	Beloul S.	16072510	Applied Mathematics E - Notes	15		0	0	1	0	2	1	1	5	0	5
2015	A new $C^0$ finite element model for the analysis of sandwich plates using combined theories	Belarbi M.O., Tati A.	17587328	International Journal of Structural Engineering	6	3	0	0	0	2	0	0	0	2	0	2
2015	Multi-agents approach for data Mining based K-Means for improving the decision process in the ERP systems	Mesbahi N., Kazar O., Benharzallah S., Zoubeidi M., Bourekkache S.	19416296	International Journal of Decision Support System Technology	7	2	0	0	2	0	1	2	1	6	0	6
2015	Optimal coordination of directional overcurrent relays using PSO-TVAC considering series compensation	Mancer N., Mahdad B., Srairi K.	13361376	Advances in Electrical and Electronic Engineering	13	2	0	0	2	0	0	2	0	4	0	4





2015	Chezy's resistance coefficient in a circular conduit	Achour B.	18741495	Open Civil Engineering Journal	9	1	0	0	0	0	2	0	1	3	0	3
2015	Performance of concrete containing crushed brick aggregate exposed to different fire temperatures	Hachemi S., Ounis A.	19648189	European Journal of Environmental and Civil Engineering	19	7	0	0	0	0	3	5	1	9	0	9
2015	A study the calculation of the optical gap energy and urbach energy in the semiconductor doping	Belahssen O., Temam H.B., Benramache S.	13090127	International Journal of Renewable Energy Research	5	1	0	1	1	0	0	0	0	2	0	2
2015	Real time implementation of a fuzzy logic based Mppt controller for grid connected photovoltaic system	Menadi A., Abdeddaim S., Betka A., Benchouia M.T.	13090127	International Journal of Renewable Energy Research	5	1	0	0	1	3	2	0	0	6	0	6
2015	3D numerical study of tunnel advance core reinforcement: Application on tunnel T4 from the Algerian east-west highway	Fethi K.	19930461	Jordan Journal of Civil Engineering	9	2	0	0	1	0	0	0	0	1	0	1

2015	Conceptual framework of on-the-fly web map generalization process	Lejdel B., Okba K.	17905079	WSEAS Transactions on Environment and Development	11		0	0	0	0	0	0	0	0	0	0
2015	Efficient layerwise finite element model for multilayer sandwich plates analysis	Belarbi M.O., Tati A., Khechai A.	01708643	Lecture Notes in Control and Information Sciences	789		0	0	0	0	1	1	0	2	0	2
2015	Finite element analysis of stress concentrations in isotropic and composite plates with elliptical holes	Khechai A., Tati A., Belarbi M.O., Guettala A.	01708643	Lecture Notes in Control and Information Sciences	789		0	1	0	0	2	0	0	3	0	3
2015	In silico evaluation of molecular structure, vibrational spectra and substitution effect of hydantoin	Belaidi S., Bouchaleg L., Harkati D., Salah T.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	6	2	0	2	1	1	0	0	0	4	0	4
2015	The influence of knowledge management on the excellence of research center: The case of Scientific Research Centers in Algeria	Souleh S.		2014 4th International Symposium ISKO-Maghreb: Concepts and Tools for Knowledge Management, ISKO-Maghreb 2014			0	0	0	0	1	0	0	1	0	1

2015	Higher-Order Sliding Mode Control Scheme with an Adaptation Low for Uncertain Power DC–DC Converters	Hadri-Hamida A.	21953880	Journal of Control, Automation and Electrical Systems	26	2	0	0	0	3	3	1	1	8	0	8
2015	Rotor fault detection algorithm based on a new fault indicator for induction motors fed from an industrial frequency inverter	Sahraoui M., Ghoggal A., Zouzou S.E., Guedidi S.	13835416	International Journal of Applied Electromagnetics and Mechanics	47	2	0	0	3	1	0	0	0	4	0	4
2015	The calculation of band gap energy in zinc oxide films	Arif A., Belahssen O., Gareh S., Benramache S.	16744926	Journal of Semiconductors	36	1	0	1	1	1	5	3	2	13	0	13
2015	AC flashover: An analysis with influence of the pollution, potential and electric field distribution on high voltage insulator	Benguesmia H., M'Ziou N., Boubakeur A.	23636998	Applied Condition Monitoring	2		0	0	0	0	2	0	0	2	0	2
2015	Effect of the viscosity modifying agent and the different mineral additions on rheology and compressive strength of self-compacting concrete	Necira B., Guettala A., Guettala S.	15630854	Asian Journal of Civil Engineering	16	1	0	1	1	1	0	0	0	3	0	3

2015	Insecticidal activity of three plants extracts against <i>Myzus persicae</i> (Sulzer, 1776) and their phytochemical screening	Nia B., Frah N., Azoui I.	15819175	Acta Agriculturae Slovenica	105	2	0	0	0	0	1	1	1	3	0	3
2015	Robust maximum power point tracking technique and PI current controller design for grid connected PV system using MATLAB/SIMULINK	Zaghba L., Terki N., Borni A., Bouchakour A.	15824594	Journal of Electrical Engineering	15	2	0	0	2	0	0	2	0	4	0	4
2015	Adaptive intelligent MPPT controller comparison of photovoltaic system under different weather conditions of Ghardaia site (South of Algeria)	Zaghba L., Terki N., Borni A., Bouchakour A., Messaouda B.N.K.	15824594	Journal of Electrical Engineering	15	3	0	0	2	0	0	1	0	3	0	3
2015	Identification of faces by multimodal information fusion of depth and color	Abdelmalik O., Mebarka B., Abdelhamid B., Mohamed B., Abdelmalik T.A.	15824594	Journal of Electrical Engineering	15	3	0	0	0	0	0	0	0	0	0	0
2015	Near-optimality conditions in mean-field control models involving continuous and impulse controls	Chighoub F., Sohail A., Alia I.	13598678	Nonlinear Studies	22	4	0	1	0	0	0	0	1	2	0	2

2015	The synthesis and characterization of sprayed ZnO thin films: As a function of solution molarity	Bouaichi F., Saidi H., Attaf A., Othmane M., Lehraki N., Nouadji M., Poulain M., Benramache S.	10241221	Main Group Chemistry	15	1	0	0	1	0	1	1	1	4	0	4
2015	SPUCAL-mrt as a New Model for Estimating the Mean Radiant Temperature in Arid Lands	Atef A., Noureddine Z., Soufiane F.	18766102	Energy Procedia	74		0	0	0	1	0	0	0	1	0	1
2015	Application of Modeling in the Optimization of Sidi Okba Wellfield (W. Biskra)	Bougherira N., Djedri T., Messameh A., Hani A., Nechem D., Chaffai H.	18766102	Energy Procedia	74		0	0	1	0	0	0	0	1	0	1
2015	DWT and Hilbert Transform for Broken Rotor Bar Fault Diagnosis in Induction Machine at Low Load	Bessam B., Menacer A., Boumehraz M., Cherif H.	18766102	Energy Procedia	74		0	0	1	2	4	2	3	12	0	12
2015	Microstructural, Dielectric, and Piezoelectric Properties of SFN-modified PZT Ceramics	Kahoul F., Hamzioui L., Boutarfaia A.	18766102	Energy Procedia	74		0	0	0	1	0	0	0	1	0	1

2015	The Effect of Nb <sub>2</sub> O <sub>5</sub> Addition on the Structural, Dielectric and Piezoelectric Properties of Pb <sub>0,98</sub> Ba <sub>0,02</sub> [(Zr <sub>0.52</sub> Ti <sub>0.48</sub> ) <sub>0,98</sub> (Cr <sup>3+</sup> ) <sub>0.5</sub> , Ta <sup>5+</sup> ) <sub>0.5</sub> ] Ceramics	Hamzioui L., Kahoul F., Boutarfaia A.	18766102	Energy Procedia	74		0	0	0	1	0	0	0	1	0	1
2015	Hydraulic Jump in a Sloped Trapezoidal Channel	Kateb S., Debabeche M., Riguet F.	18766102	Energy Procedia	74		0	0	0	1	0	0	0	1	0	1
2015	Effect of annealing temperature on structural, optical and electrical properties of zinc oxide (ZnO) thin films deposited by spray pyrolysis technique	Aoun Y., Benhaoua B., Benramache S., Gasmil B.	00304026	Optik	126	24	0	1	2	5	3	5	0	16	1	17
2015	A study the aluminum doped zinc oxide thin films	Aoun Y., Benhaoua B., Benramache S.	20776772	Journal of Nano-and Electronic Physics	7	3	0	0	1	0	0	0	1	2	0	2
2015	Enhancement of counter-ion transport through ion-exchange membranes in electro-dialytic processes	Zerdoumi R., Oulmi K., Benslimane S.	19443994	Desalination and Water Treatment	56	10	0	1	0	1	0	0	0	2	0	2

2015	3-d numerical study and comparison of eccentric and concentric annular-finned tube heat exchangers	Tahrour F., Benmachiche A.H., Aksas M., Bougriou C.	18234690	Journal of Engineering Science and Technology	10	11	0	0	0	1	0	1	3	5	0	5
2015	Structure activity relationship and quantitative structure-activity relationships modeling of antitrypanosomal activities of alkyldiamine cryptolepine derivatives	Belaidi S., Salah T., Melkemi N., Sinha L., Prasad O.	15461955	Journal of Computational and Theoretical Nanoscience	12	9	0	1	2	3	1	1	1	9	0	9
2015	Electronic structure of the rare-earth dihydride $GdH_2$	Ayat Z., Daoudi B., Ouahab A., Boukraa A.	10241809	Metallofizika i Noveishie Tekhnologii	37	5	0	0	1	1	0	0	1	3	0	3
2015	Cloud computing-based message dissemination protocol for vehicular ad hoc networks	Bitam S., Mellouk A.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9071		0	0	0	0	3	0	1	4	0	4
2015	SaaS-DCS: Software-as-a-service discovery and composition system-based existence degree	Saouli H., Kazar O., Benharkat A.N.	17543916	International Journal of Communication Networks and Distributed Systems	14	4	0	0	0	0	1	3	1	5	0	5

2015	Extraction of the defect density of states in microcrystalline silicon from experimental results and simulation studies	Tibermacine T., Merazga A., Ledra M., Ouhabab N.	16744926	Journal of Semiconductors	36	9	0	0	0	0	0	0	1	0	1	0	1
2015	Effect of deposition rate on the structural, optical and electrical properties of Zinc oxide (ZnO) thin films prepared by spray pyrolysis technique	Aoun Y., Benhaoua B., Benramache S., Gamsi B.	00304026	Optik	126	20	0	1	2	4	7	2	2	18	0	18	
2015	The influence of altitude and landforms on some biochemical and hematological parameters in Ouled Djellal ewes from arid area of South East Algeria	Titaouine M., Meziane T.	09728988	Veterinary World	8	1	0	0	0	0	0	0	2	2	0	2	
2015	Effect of the elaboration conditions on the structural, morphological and luminescence properties of ZnO nanopowders	Arab L., Guergouri K.	05874246	Acta Physica Polonica A	127	4	0	0	0	0	0	0	0	0	0	0	
2015	Structure activity/property relationships of pyrazole derivatives by MPO and QSAR methods for drug design	Hanachi R., Belaidi S., Kerassa A., Boughdiri S.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	6	4	0	0	0	0	0	2	0	2	0	2	



2015	Synthesis and characterization of Sr-doped $\text{LaFe}_{0.7}\text{Ni}_{0.3}\text{O}_3$ perovskite	Mya O.B., Omari M.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	6	4	0	0	1	0	0	0	0	1	0	1
2015	Potential utilization of date palm wood as composite reinforcement	Almi K., Benchabane A., Lakel S., Kriker A.	07316844	Journal of Reinforced Plastics and Composites	34	15	0	0	0	1	2	5	3	11	0	11
2015	Modeling and parametric studies for thermal performance of an earth to air heat exchanger in South East Algeria	Saifi N., Settou N., Dokkar A.		2015 6th International Renewable Energy Congress, IREC 2015			0	0	0	0	1	0	0	1	0	1
2015	Spatial contextual Gaussian process learning for remote-sensing image classification	Hassouna H., Melgani F., Mokhtari Z.	2150704X	Remote Sensing Letters	6	7	0	0	1	1	1	0	0	3	0	3
2015	Differential flatness using the predictive neural network control law for hybrid power system	Tegani I., Aboubou A., Saadi R., Ayad M.Y., Becherif M.	13090127	International Journal of Renewable Energy Research	5	2	0	0	0	2	0	0	0	2	0	2



2015	Computer modelling and analysis of the photodegradation effect in a-Si:H p-i-n solar cell	Bouhdjar A.F., Ayat L., Meftah A.M., Sengouga N., Meftah A.F.	16744926	Journal of Semiconductors	36	1	0	0	1	0	0	3	1	5	0	5
2015	Structural, optical and electrical properties of zinc oxide thin films deposited by a spray pyrolysis technique	Aoun Y., Benhaoua B., Gasmil B., Benramache S.	16744926	Journal of Semiconductors	36	1	0	2	1	3	3	1	0	10	0	10
2015	Numerical simulation of the effect of gold doping on the resistance to neutron irradiation of silicon diodes	Bekhouche K., Sengouga N., Jones B.K.	16744926	Journal of Semiconductors	36	1	0	0	0	0	0	0	0	0	0	0
2015	Study the structural, optical and electrical properties of sprayed Zinc oxide (ZnO) thin films before and after annealing temperature	Aoun Y., Benhaoua B., Gasmil B., Benramache S.	10241221	Main Group Chemistry	14	1	0	1	3	0	1	0	0	5	0	5
2015	3D and 2D face recognition using integral projection curves based depth and intensity images	Chouchane A., Belahcene M., Bourennane S.	17408865	International Journal of Intelligent Systems Technologies and Applications	14	1	0	0	0	0	5	0	1	6	0	6

2015	Threshold optimization in distributed OS-CFAR system by using simulated annealing technique	Abdou L., Taibaoui O., Moumen A., Taleb Ahmed A.		2015 4th International Conference on Systems and Control, ICSC 2015			0	0	1	0	2	0	0	3	0	3
2015	Fuzzy logic and passivity based control applied to hybrid DC power source using fuel cell and battery	Mohammedi M., Becherif M., Aboubou A., Kraa O., Ayad M.Y., Bahri M.		2015 4th International Conference on Systems and Control, ICSC 2015			0	0	1	0	2	2	2	7	0	7
2015	Theoretical investigation on a building-integrated pv/t (bipvt) system for electrical and thermal energy saving case study: Integrated solar village of bou saada	Sotehi O., Chaker A., Benamra M.L., Ramoul E.		Progress in Clean Energy, Volume 2: Novel Systems and Applications			0	0	0	1	0	0	0	1	0	1
2015	The impact of titles expansion based on ontology in document retrieval	Abdelli B., Kazar O., Pinon J.-M.	17442621	International Journal of Metadata, Semantics and Ontologies	10	3	0	0	0	1	0	0	0	1	0	1
2015	Energy Management of Fuel Cell/ Supercapacitor Hybrid Source Based on Linear and Sliding Mode Control	Kraa O., Ghodbane H., Saadi R., Ayad M.Y., Becherif M., Aboubou A., Bahri M.	18766102	Energy Procedia	74		0	0	2	5	5	11	6	29	0	29



2015	Docking, dynamic simulation and quantum mechanics studies of pyrazinamide derivatives as novel inhibitors of Acetylcholinesterase and Butyrylcholinesterase	Daoud I., Bouarab S., Ghalem S.	0975413X	Der Pharma Chemica	7	9	0	0	0	0	0	0	0	0	0	0
2015	Resolver based vector control implementation of permanent magnet synchronous machine using a dspase	Mesloub H., Benchouia M.T., Golea A., El Hachemi Benbouzid M.		2015 10th International Conference on Ecological Vehicles and Renewable Energies, EVER 2015			0	0	0	0	0	0	0	0	0	0
2015	Content-based indexing of visual information in the web pages	Benafia A., Maamri R., Sahnoun Z., Benafia S.	17550556	International Journal of Reasoning-based Intelligent Systems	7	1-2	0	0	0	0	0	0	0	0	0	0
2015	Influence of substrate temperature on the optical properties of ZnO thin films	Benramache S., Lakel S., Belahssen O., Benhaoua B.	00304026	Optik	126	21	0	0	0	1	1	0	2	4	0	4
2015	A Meshfree Maximum Entropy Method for the Solution of the Population Balance Equation	Attarakih M., Hasseine A., Bart H.-J.	15707946	Computer Aided Chemical Engineering	37		0	0	0	2	1	1	0	4	0	4

2015	Effect of optical gap energy on the Urbach energy in the undoped ZnO thin films	Belahssen O., Ben Temam H., Lakel S., Benhaoua B., Benramache S., Gareh S.	00304026	Optik	126	15-16	0	0	4	2	1	3	1	11	0	11
2015	Two Analytical Approaches for Solution of Population Balance Equations: Particle Breakage Process	Hasseine A., Senouci S., Attarakih M., Bart H.-J.	09307516	Chemical Engineering and Technology	38	9	0	0	1	2	2	2	1	8	0	8
2015	Theoretical studies of structure/activity relationships applied to flavone derivatives for drug discovery	Smida K.B., Belaidi S., Benbrahim I., Boughdiri S.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	6	4	0	0	0	1	1	0	0	2	0	2
2015	Discovering the role of morphology on the understanding of biomedical terminology by paramedical students	Rais M., Grabar N.	09269630	Studies in Health Technology and Informatics	210		0	0	0	0	1	0	0	1	0	1
2015	Automatic generation of SPL structurally valid products: An approach based on progressive composition of partial configurations	Khalifaoui K., Kerkouche E., Chaoui A., Foudil C.		2015 6th International Conference on Information and Communication Systems, ICICS 2015			0	0	0	0	0	1	0	1	0	1

2015	MQBV: Multicast quality of service swarm bee routing for vehicular ad hoc networks	Bitam S., Mellouk A., Fowler S.	15308669	Wireless Communications and Mobile Computing	15	9	0	0	2	1	2	2	2	9	0	9
2015	Copula representation of bivariate L-moments: a new estimation method for multiparameter two-dimensional copula models	Brahimi B., Chebana F., Necir A.	02331888	Statistics	49	3	0	0	1	3	1	2	4	11	0	11
2015	Analysis of different forward current-voltage behaviours of Al implanted 4H-SiC vertical p-i-n diodes	Megherbi M.L., Pezzimenti F., Dehimi L., Rao S., Della Corte F.G.	00381101	Solid-State Electronics	109		0	1	3	5	6	3	3	21	0	21
2015	Phenology and diurnal behaviour of the Northern Shoveler <i>Anas clypeata</i> in the Guerbes-Sanhadja wetland complex (north-eastern Algeria)	Abda W.A., Merzoug S., Belhamra M., Houhamdi M.	21658005	Zoology and Ecology	25	1	0	1	2	4	0	0	0	7	0	7
2015	Analytical solutions of the particle breakage equation by the Adomian decomposition and the variational iteration methods	Hasseine A., Barhoum Z., Attarakih M., Bart H.-J.	09218831	Advanced Powder Technology	26	1	0	1	0	3	1	0	1	6	0	6



2015	Implementation of adaptive fuzzy logic and PI controllers to regulate the DC bus voltage of shunt active power filter	Benchouia M.T., Ghabbane I., Golea A., Srairi K., Benbouzid M.E.H.	15684946	Applied Soft Computing Journal	28		0	3	2	9	9	10	1	34	0	34
2015	Dynamic and thermal study of air flow control by chicanes with inclined upper parts in solar air collectors	Mahfoud O., Moumni A., Kadja M., Moumni N., Mebrouk R.	14786451	International Journal of Sustainable Energy	34	2	0	0	1	0	1	0	1	3	0	3
2015	New state observer based on Takai-Sugeno fuzzy controller of induction motor	Hammoudi M.Y., Benbouzid M.E.H., Rizoug N., Allag A.		2015 4th International Conference on Systems and Control, ICSC 2015			0	0	1	0	1	2	0	4	0	4
2015	Chemical composition and antibacterial activity of essential oil of <i>Launaea lanifera</i> Pau grown in Algerian arid steppes	Benmeddour T., Laouer H., Akkal S., Flamini G.	22211691	Asian Pacific Journal of Tropical Biomedicine	5	11	0	0	3	0	1	1	1	6	0	6
2015	Optimization of Optical Gain in $\text{In}_{1-x}\text{Ga}_x\text{Sb}/\text{GaSb}$ Unstrained Quantum Well Structures	Dehimi S., Abdelkader A., Haddad D., Dehimi L.	18766102	Energy Procedia	74		0	0	0	2	0	0	1	3	0	3

2015	A Combined Experimental and Simulation Study on the Effects of Irradiance and Temperature on Photovoltaic Modules	Zaoui F., Titaouine A., Becherif M., Emziane M., Aboubou A.	18766102	Energy Procedia	75		0	0	5	3	3	3	3	17	0	17
2015	A new itinerary planning approach among multiple mobile agents in wireless sensor networks (WSN) to reduce energy consumption	Aloui I., Kazar O., Kahloul L., Servigne S.	20760930	International Journal of Communication Networks and Information Security	7	2	0	0	5	5	5	4	2	21	0	21
2015	Weaknesses in two RFID authentication protocols	Chikouche N., Cherif F., Cayrel P.-L., Benmohammed M.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9084		0	0	1	0	1	0	0	2	0	2
2015	Date palm status and perspective in Algeria	Bougedoura N., Bennaceur M., Babahani S., Benziouche S.E.		Date Palm Genetic Resources and Utilization: Volume 1: Africa and the Americas			0	0	0	3	2	9	6	20	0	20
2015	Design and characterization of a portable heat storage facility	Mahfoudi N., Khachkouch A., Moumami A., Benhaoua B., El Ganaoui M.	22577777	Mechanics and Industry	16	4	0	0	0	1	0	0	1	2	0	2

2015	A process to identify relevant substitutes for healing failed WS* orchestrations	Tibermacine O., Tibermacine C., Cherif F.	01641212	Journal of Systems and Software	104		0	0	1	0	4	0	1	6	0	6
2015	Effect of film thickness on the structural, optical and electrical properties of SnO <sub>2</sub> thin films prepared by spray ultrasonic for solar cells applications	Benhaoua B., Abbas S., Rahal A., Benhaoua A., Aida M.S.	07496036	Superlattices and Microstructures	83		0	1	6	0	6	17	7	37	0	37
2015	Effects of thickness variation on properties of ZnO:Al thin films grown by RF magnetron sputtering deposition	Rahmane S., Aida M.S., Djouadi M.A., Barreau N.	07496036	Superlattices and Microstructures	79		0	0	12	7	10	4	5	38	0	38
2015	Backward doubly stochastic differential equations with a superlinear growth generator	Bahlali K., Gatt R., Mansouri B.	1631073X	Comptes Rendus Mathematique	353	1	0	0	0	0	0	0	0	0	0	0
2015	Modelling and analysis of mobile computing systems: An extended Petri Nets formalism	Kahloul L., Chaoui A., Djouani K.	18419836	International Journal of Computers, Communications and Control	10	2	0	0	0	0	1	1	0	2	0	2

2015	[Mesological and biotypological study of mayflies populating in abdi wadi (Algeria), Etude mésologique et biotypologique du peuplement des éphéméroptères de l'oued abdi (Algerie)]	Bebba N., El Alami M., Arigue S.F., Arab A.	20282508	Journal of Materials and Environmental Science	6	4	0	0	1	3	0	1	1	6	0	6
2015	An Adaptive Linear Quadratic Regulator for Three-phase UPS System Powering Nonlinear Loads	Benaissa A., Rabhi B., Benkhoris M.F., Zellouma L.	18766102	Energy Procedia	74		0	0	0	1	0	1	0	2	0	2
2015	Improved RFID authentication protocol based on randomized McEliece cryptosystem	Chikouche N., Cherif F., Cayrel P.-L., Benmohammed M.	1816353X	International Journal of Network Security	17	4	0	0	3	4	3	2	0	12	0	12
2015	Porous ceramic supports for membranes prepared from kaolin (DD3) and calcite mixtures	Harabi A., Boudaira B., Bouzerara F., Foughali L., Zenikheri F., Guechi A., Ghoul B., Condom S.	05874246	Acta Physica Polonica A	127	4	0	1	7	3	0	3	2	16	0	16
2015	Fuzzy Logic Controller of Five Levels Active Power Filter	Zellouma L., Rabhi B., Saad S., Benaissa A., Benkhoris M.F.	18766102	Energy Procedia	74		0	0	1	2	4	3	0	10	0	10

2015	Computational POM and DFT evaluation of experimental in-vitro cancer inhibition of staurosporine-ruthenium(II) complexes: The power force of organometallics in drug design	Hadda T.B., Genc Z.K., Masand V.H., Nebbache N., Warad I., Jodeh S., Genc M., Mabkhot Y.N., Barakat A., Salgado-Zamora H.	13180207	Acta Chimica Slovenica	62	3	0	0	2	1	2	3	1	9	0	9
2014	Modeling a bacterial ecosystem through chemotaxis simulation of a single cell	Ouannes N., Djedi N.E., Luga H., Duthen Y.	14335298	Artificial Life and Robotics	19	4	1	1	0	0	1	1	0	3	0	4
2014	Characterization of new $Sb^{2+}$ -based multicomponent heavy metal oxide glasses	Ersundu A.E., Celikbilek M., Baazouzi M., Soltani M.T., Troles J., Aydin S.	09258388	Journal of Alloys and Compounds	615		0	3	8	5	1	7	4	28	0	28
2014	Singular mean-field optimal control for forward-backward stochastic systems and applications to finance	Hafayed M.	2195268X	International Journal of Dynamics and Control	2	4	0	2	6	2	2	0	0	12	0	12
2014	Selection of male date palms (Phoenix dactylifera L.) at "Daouia" station (Oued Souf, Algeria)	Benamor B., Boughediri L., Chala A.	19950756	Advances in Environmental Biology	8	24	0	0	0	0	0	0	2	2	0	2

2014	Molecular structure, vibrational and electronic properties of 4-Phenyl-3H-1,3-thiazol-2-ol using density functional theory and comparison of drug efficacy of keto and enol forms by QSAR analysis	Sachan A.K., Pathak S.K., Chand S., Srivastava R., Prasad O., Belaidi S., Sinha L.	13861425	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	132		0	4	1	0	0	1	1	7	0	7
2014	DFIG sliding mode control fed by back-to-back PWM converter with DC-link voltage control for variable speed wind turbine	Bekakr Y., Ben Attous D.	20951701	Frontiers in Energy	8	3	0	1	5	3	2	7	3	21	0	21
2014	Photoluminescence study of Er-doped zinc-sodium-antimonite glasses	Zavadil J., Ivanova Z.G., Kostka P., Hamzaoui M., Soltani M.T.	09258388	Journal of Alloys and Compounds	611		1	5	0	4	2	1	5	17	0	18
2014	Asymptotic almost automorphic solutions of impulsive neural network with almost automorphic coefficients	Abbas S., Mahto L., Hafayed M., Alimi A.M.	09252312	Neurocomputing	142		0	2	5	2	3	8	3	23	0	23
2014	Non centered minor hysteresis loops evaluation based on exponential parameters transforms of the modified inverse Jiles-Atherton model	Hamimid M., Mimoune S.M., Feliachi M., Atallah K.	09214526	Physica B: Condensed Matter	451		0	1	0	1	1	2	1	6	0	6

2014	Implementation of an improved parallel metaheuristic on GPU applied to humanoid robot simulation	Benalia N.E.-H., Ouannes N., Djedi N.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	0	0	0	0	0	0	0
2014	NEAT neural networks to control and simulate virtual creature's locomotion	Tibermacine A., Djedi N.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	0	0	0	0	0	0	0
2014	Efficient accelerated ray tracing of point-based objects	Beddiaf A., Babahenini M.C.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	0	0	0	0	0	0	0
2014	Modeling bacterial chemotaxis inside a cell	Ouannes N., Djedi N., Luga H., Duthen Y.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	0	0	0	0	0	0	0
2014	Cooperative co-evolution of configuration and control for modular robots	Guetas C., Cherif F., Breton T., Duthen Y.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	1	0	1	1	3	0	3

2014	Performance of PI controller for control of active and reactive power in DFIG operating in a grid-connected variable speed wind energy conversion system	Tamaarat A., Benakcha A.	20951701	Frontiers in Energy	8	3	0	0	3	3	5	11	4	26	1	27
2014	On mean-field stochastic maximum principle for near-optimal controls for Poisson jump diffusion with applications	Hafayed M., Abba A., Abbas S.	2195268X	International Journal of Dynamics and Control	2	3	1	3	4	4	1	1	2	15	0	16
2014	Three-phase three-level (NPC) shunt active power filter performances based on PWM and ANN's controllers for harmonic current compensation	Salim C., Toufik B.M.	20856830	International Journal on Electrical Engineering and Informatics	6	3	0	0	0	0	1	0	0	1	0	1
2014	Fast Fourier and discrete wavelet transforms applied to sensorless vector control induction motor for rotor bar faults diagnosis	Talhaoui H., Menacer A., Kessal A., Kechida R.	00190578	ISA Transactions	53	5	0	5	5	17	11	6	1	45	0	45
2014	Electromagnetic modeling and control of switched reluctance motor using finite elements	Arif A., Guettaf A., Megherbi A.C., Benramache S., Benchabane F.	20951701	Frontiers in Energy	8	3	0	1	0	1	0	0	0	2	0	2





2014	Gum Arabic as an eco-friendly inhibitor for API 5L X42 pipeline steel in HCl medium	Bentrah H., Rahali Y., Chala A.	0010938X	Corrosion Science	82		6	10	7	17	24	22	23	103	0	109
2014	Electrochemical characterization of the CMX cation exchange membrane in buffered solutions: Effect on concentration polarization and counterions transport properties	Zerdoumi R., Oulmi K., Benslimane S.	00119164	Desalination	340	1	0	0	2	1	4	1	1	9	1	10
2014	Substrate temperature effect on optical property of ZnO thin films	Rahal A., Benramache S., Benhaoua B.	01258281	Engineering Journal	18	2	0	6	3	2	2	2	1	16	0	16
2014	Non linear backstepping control using genetic algorithm of induction motor without speed encoder	Chaouch S., Abdou L., Alaoui L.C.		STA 2014 - 15th International Conference on Sciences and Techniques of Automatic Control and Computer Engineering			0	0	0	0	0	0	0	0	0	0
2014	Correlation between the structural and optical properties of Co doped ZnO thin films prepared at different film thickness	Benramache S., Temam H.B., Arif A., Guettaf A., Belahssen O.	00304026	Optik	125	7	3	10	6	2	0	1	1	20	0	23

2014	An intelligent approach based on fuzzy logic for improving and optimizing the performance of a photovoltaic system	Layachi Z., Borni A., Bouchakeur A., Terki N.		2014 International Conference on Electrical Sciences and Technologies in Maghreb, CISTEM 2014			0	0	0	0	0	0	0	0	0	0
2014	The Structural, optical and electrical properties of nanocrystalline ZnO:Al thin films	Benhaoua B., Rahal A., Benramache S.	07496036	Superlattices and Microstructures	68		2	8	13	5	5	2	5	38	0	40
2014	Mechanical properties and hygroscopicity behavior of compressed earth block filled by date palm fibers	Taallah B., Guettala A., Guettala S., Kriker A.	09500618	Construction and Building Materials	59		0	7	7	7	14	8	11	54	0	54
2014	Stepanov type weighted pseudo almost automorphic sequences and their applications to difference equation	Abbas S., Chang Y.-K., Hafayed M.	13598678	Nonlinear Studies	21	1	0	2	2	0	0	3	0	7	0	7
2014	Corrosion behavior of TiN-coated cutting carbide tools	Belhamra N., Chala A.	10241221	Main Group Chemistry	13	1	0	1	0	0	0	0	0	1	0	1

2014	Intelligent control MPPT technique for PV module at varying atmospheric conditions using MATLAB/SIMULINK	Zaghba L., Terki N., Borni A., Bouchakour A.		Proceedings of 2014 International Renewable and Sustainable Energy Conference, IRSEC 2014			0	0	1	2	0	4	1	8	0	8
2014	Resolution of Economic Dispatch problem considering wind power penetration planning	Salhi A., Naimi D., Bouktir T.		Proceedings of 2014 International Renewable and Sustainable Energy Conference, IRSEC 2014			0	0	0	0	1	0	0	1	0	1
2014	Implementation and dual loop control of two phases interleaved boost converter for fuel cell applications	Saadi R., Bahri M., Ayad M.Y., Becherif M., Kraa O., Aboubou A.		3rd International Symposium on Environment Friendly Energies and Applications, EFEA 2014			0	0	2	1	1	0	0	4	0	4
2014	Power flow management in WT/FC/SC hybrid system using flatness based control	Tegani I., Aboubou A., Ayad M.Y., Becherif M., Bahri M.		3rd International Symposium on Environment Friendly Energies and Applications, EFEA 2014			0	0	2	1	0	0	1	4	0	4
2014	Control algorithm of fuel cell hybrid source based on the flatness propriety	Benaouadj M., Aboubou A., Ayad M.Y., Becherif M., Bahri M.		3rd International Symposium on Environment Friendly Energies and Applications, EFEA 2014			0	0	1	1	0	0	0	2	0	2

2014	Effect of heat treatments on microstructure and mechanical properties of low carbon steel pipes welded by induction process	Boumerzoug Z., Lakhdari L.	10226680	Advanced Materials Research	887-888		0	0	0	0	0	0	0	0	0	0
2014	Experimental study of heat transfer and thermal performance with longitudinal fins of solar air heater	Chabane F., Moumni N., Benramache S.	20901232	Journal of Advanced Research	5	2	5	3	8	10	21	20	22	84	1	90
2014	Stochastic controls of relaxed-singular problems	Chala A., Bahlali S.	09266364	Random Operators and Stochastic Equations	22	1	0	0	0	0	0	0	0	0	0	0
2014	Structure-property relationships and quantitative structure-activity relationship modeling of detoxication properties of some 1,2-dithiole-3-thione derivatives	Melkemi N., Belaidi S.	15461955	Journal of Computational and Theoretical Nanoscience	11	3	1	9	3	3	4	1	1	21	0	22
2014	Interacting behavioral Petri nets analysis for distributed causal model-based diagnosis	Bennoui H.	13872532	Autonomous Agents and Multi-Agent Systems	28	2	0	0	1	1	0	1	0	3	0	3

2014	A linear quadratic regulator control of a stand-alone PEM fuel cell power plant	Benaissa A., Rabhi B., Moussi A., Aissa D.	20951701	Frontiers in Energy	8	1	0	1	0	0	1	0	0	2	0	2
2014	Implementation of MRAC controller of a DFIG based variable speed grid connected wind turbine	Abdeddaim S., Betka A., Drid S., Becherif M.	01968904	Energy Conversion and Management	79		1	8	7	8	6	7	4	40	0	41
2014	The relationship between the stochastic maximum principle and the dynamic programming in singular control of jump diffusions	Chighoub F., Mezerdi B.	20903332	International Journal of Stochastic Analysis	2014		0	2	0	0	0	0	0	2	0	2
2014	A correlation for crystallite size of undoped ZnO thin film with the band gap energy - Precursor molarity - Substrate temperature	Benramache S., Belahssen O., Arif A., Guettaf A.	00304026	Optik	125	3	6	5	8	2	3	5	3	26	0	32
2014	A cooperative multi-agent approach for the annotation of adaptive content for E-learning	Bourekache S., Kazar O., Benharkat N., Kahloul L.	18266223	Journal of E-Learning and Knowledge Society	10	1	0	0	0	0	0	1	0	1	0	1

2014	Description of <i>Dociostaurus biskrensis</i> sp. nov. and male allotypes of four species: <i>Pamphagulus bodenheimeri dumonti</i> , <i>P. uvarovi</i> , <i>Sphingonotus ebneri</i> and <i>Notopleura pygmaea</i> (Orthoptera: Acridoidea) in the region of Biskra, Algeria	Moussi A., Abderrahmane A., Harrat A., Petit D.	11755326	Zootaxa	3755	4	0	0	1	0	2	0	0	3	0	3
2014	3D and 2D face recognition based on image segmentation	Belahcene M., Chouchane A., Amin Benatia M., Halitim M.		2014 International Workshop on Computational Intelligence for Multimedia Understanding, IWCIM 2014			0	0	0	0	0	0	0	0	0	0
2014	Investigation on the structural properties of a new prepared 0.2PZS-0.8PLZT ceramics	Sakri A., Boutarfaia A.	10226680	Advanced Materials Research	856		0	0	0	0	1	0	0	1	0	1
2014	The stress field in a flexed beam with an elastoviscoplastic behavior	Mohamed H., Younes S., Mebarak B.	10226680	Advanced Materials Research	856		0	0	0	0	0	0	0	0	0	0
2014	Residual stress and microstructures characterization in welded Al-Si-12Cu alloy	Boumerzoug Z., Bouremel C., Ji V.	10226680	Advanced Materials Research	856		0	0	0	0	1	0	0	1	0	1

2014	Correlation in calculations of electrical conductivity with and without undoped in Al, Co and in doped ZnO thin film	Benramache S., Arif A., Belahssen O., Guettaf A.	00304026	Optik	125	19	0	0	0	0	2	0	0	2	0	2
2014	The effects of high temperature on the mechanical and physical properties of ordinary, high strength and high performance concrete	Hachemi S., Ounis A.		Proceedings of the 10th fib International PhD Symposium in Civil Engineering			0	0	0	0	0	0	0	0	0	0
2014	2D and 3D face recognition based on IPC detection and patch of interest regions	Belahcene M., Chouchane A., Mokhtari N.		2014 International Conference on Connected Vehicles and Expo, ICCVE 2014 - Proceedings			0	0	0	0	0	0	0	0	0	0
2014	Defluoridation of algerian drinking water by precipitation and adsorption methods	Achour S., Youcef L.	16609336	Applied Mechanics and Materials	641-642		0	0	0	0	0	0	0	0	0	0
2014	Control method with distribution of phases windings for switched reluctance motor	Labiod C., Srairi K., Mahdad B.	15824594	Journal of Electrical Engineering	14	2	0	1	0	0	0	0	0	1	0	1



2014	Optimal location and control of combined SVC-TCSC controller to enhance power system loadability	Mahdad B., Srairi K.	09756809	International Journal of Systems Assurance Engineering and Management	5	3	0	0	0	0	3	3	0	6	0	6
2014	Induction motor broken rotor bars detection using fuzzy logic: Experimental research	Laala W., Zouzou S.-E., Guedidi S.	09756809	International Journal of Systems Assurance Engineering and Management	5	3	0	2	1	4	3	2	2	14	0	14
2014	Solving practical economic dispatch using hybrid GA-DE-PS method	Mahdad B., Srairi K.	09756809	International Journal of Systems Assurance Engineering and Management	5	3	0	0	2	2	4	4	3	15	0	15
2014	Critical Hydraulic Head Loss Inducing Failure of a Cofferdam Embedded in Horizontal Sandy Ground	Benmebarek N., Bensmaine A., Benmebarek S., Belounar L.	00380741	Soil Mechanics and Foundation Engineering	51	4	0	0	0	1	0	1	0	2	0	2
2014	Design of a pressurized rectangular conduit with triangular bottom using the rough model method	Achour B.	18741495	Open Civil Engineering Journal	8	1	0	1	0	0	0	0	0	1	0	1

2014	Computation of normal depth in parabolic cross sections using the rough model method	Achour B.	18741495	Open Civil Engineering Journal	8	1	0	1	0	0	1	0	0	2	0	2
2014	A study the calculation of the urbach energy of ZnO thin films using different precursor molarities	Benramache S., Belahssen O., Temam H.B.	13090127	International Journal of Renewable Energy Research	4	4	0	1	0	0	0	0	0	1	0	1
2014	A cooperative multi-agent approach for knowledge discovery from the enterprise resource planning	Mesbahi N., Kazar O., Benharzallah S., Zoubeidi M.		Proceedings - 2014 International Workshop on Advanced Information Systems for Enterprises, IWAISE 2014			0	0	0	0	0	0	0	0	0	0
2014	Toward an architecture for the semantic integration in enterprise resource planning	Zoubeidi M., Kazar O., Mesbahi N., Benharzallah S.		Proceedings - 2014 International Workshop on Advanced Information Systems for Enterprises, IWAISE 2014			0	0	0	0	0	0	0	0	0	0
2014	An agent-based modeling for an enterprise resource planning (ERP)	Mesbahi N., Kazar O., Zoubeidi M., Benharzallah S.	1860949X	Studies in Computational Intelligence	551		2	1	0	0	0	0	0	1	0	3

2014	Effect of HTS shielding pellet on the performance of superconducting synchronous motor based on flux concentration	Boumaraf R., Titaouine A., Benchabane F., Mimoune S.M.		16th International Power Electronics and Motion Control Conference and Exposition, PEMC 2014			0	0	0	0	0	0	0	0	0	0
2014	The creep of an elastoviscoplastic beam under a bending loading	Hadid M., Saadallah Y., Debilou A., Guerira B., Guerrah A.	13852000	Mechanics of Time-Dependent Materials	18	3	0	0	0	0	1	0	1	2	0	2
2014	Increasing flux density by HTS shielding pellet in superconducting synchronous machine based on flux concentration	Boumaraf R., Mimoune S.M., Alloui L., Khene M.L.	09756809	International Journal of Systems Assurance Engineering and Management	5	4	0	0	0	0	0	0	0	0	0	0
2014	Effect of the ageing temperature, ageing time and quenching temperature on precipitation kinetics in al-mg-si alloy	Lemmadi F.Z., Chala A., Belahssen O., Benramache S.	13351532	Acta Metallurgica Slovaca	20	4	0	1	0	1	0	0	0	2	0	2
2014	Constitutive modelling for creep of drawn copper wire	Boumerzoug Z., Gareh S.	13351532	Acta Metallurgica Slovaca	20	4	0	0	1	0	0	0	0	1	0	1



2014	Finite element analysis of stress concentrations and failure criteria in composite plates with circular holes	Khechai A., Tati A., Guettala A.	20950233	Frontiers of Mechanical Engineering	9	3	0	3	1	2	5	6	0	17	1	18
2014	A numerical approach for solution of hammerstein integral equations in $L^{2\sup}$ spaces	Nadir M., Chemcham M.	16072510	Applied Mathematics E - Notes	14		0	0	0	0	0	0	0	0	0	0
2014	Corrosion and wear resistance of 32CrMoV13 steel nitrided by plasma	Belahssen O., Chala A., Ben Temam H., Benramache S.	20462069	RSC Advances	4	95	0	2	1	3	0	1	0	7	0	7
2014	Optimal control problems for linear backward doubly stochastic differential equations	Gherbal B.	09266364	Random Operators and Stochastic Equations	22	3	0	0	0	0	0	0	0	0	0	0
2014	DSC study of recrystallization in wiredrawn industrial copper	Fellah L., Boumerzoug Z.	10226680	Advanced Materials Research	997		0	0	0	0	1	0	0	1	0	1

2014	Computation of normal depth in horseshoe shaped tunnel using the rough model method	Achour B.	10226680	Advanced Materials Research	1006-1007		0	1	0	0	0	0	0	0	1	0	1
2014	Three-phase for-wire shunt active filter with unbalanced loads	Mahni T., Benchouia M.T., Srairi K., Ghamri A., Golea A.	18766102	Energy Procedia	50		0	1	1	1	2	1	0	6	0	6	
2014	Numerical simulation of the type inversion in n+-p-p+ Si solar cells, used for space applications, under 1 MeV electron irradiation	Hamache A., Sengouga N., Meftah Af.	18766102	Energy Procedia	50		0	0	3	1	1	0	0	5	0	5	
2014	The energy balance behavior in Open Street. Case study city of Biskra, Algeria	Boukhabla M., Alkama D., Moummi N., Bouzaher S.	18766102	Energy Procedia	50		0	0	0	0	0	0	0	0	0	0	
2014	Multi objective large power system planning under sever loading condition using learning DE-APSO-PS strategy	Mahdad B., Srairi K.	01968904	Energy Conversion and Management	87		0	2	3	0	2	3	1	11	0	11	

2014	Design of a pressurized trapezoidal shaped conduit using the rough model method (Part 2)	Achour B., Bedjaoui A.	16609336	Applied Mechanics and Materials	580-583		3	1	0	0	0	0	0	0	1	0	4
2014	Approach to the integration of takaful insurance in the algerian market	Bouzaher N., Necira O., Kerdoudi S.	15693759	Contemporary Studies in Economic and Financial Analysis	95		0	0	0	0	0	0	0	0	0	0	0
2014	Computation of normal depth in trapezoidal open channel using the rough model method	Achour B.	10226680	Advanced Materials Research	955-959		2	1	0	0	0	0	0	0	1	0	3
2014	Effect of band gap energy on the electrical conductivity in doped ZnO thin film	Benramache S., Belahssen O., Temam H.B.	16744926	Journal of Semiconductors	35	7	0	0	3	5	2	1	1	12	0	12	
2014	[Improved durability of compressed earth bricks based on a soil of the region of Biskra, Amélioration de la durabilité des briques de terre comprimée à base d'un sol de la région de Biskra]	Izemmourena O., Guettala A.	2261236X	MATEC Web of Conferences	11		0	0	0	0	2	0	0	2	0	2	

2014	[Study of physico-mechanical properties of sand concrete based on silica fume, Références Etude des caractéristiques physico-mécaniques des bétons de sable à base de fumée de silice]	Gadri K., Guettala A.	2261236X	MATEC Web of Conferences	11		0	0	0	0	0	0	0	0	0	0
2014	The rough model method (RMM) application to the computation of normal depth in circular conduit	Achour B., Sehtal S.	18741495	Open Civil Engineering Journal	8	1	2	1	0	0	1	0	0	2	0	4
2014	Formal specification and verification of mobile agent systems	Kahloul L., Grira M.	18419836	International Journal of Computers, Communications and Control	9	3	0	0	0	0	1	0	0	1	0	1
2014	Experimental study of heat transfer coefficient with rectangular baffle fin of solar air heater	Chabane F., Hatraf N., Moumami N.	20951701	Frontiers in Energy	8	2	0	0	1	3	5	6	2	17	0	17
2014	Electronic structure and effect of methyl substitution in oxazole and thiazole by quantum chemical calculations	Belaidi S., Mazri R., Mellaoui M., Kerassa A., Belaidi H.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	5	3	0	2	2	0	0	0	0	4	0	4



2014	Heat transfer coefficient and thermal losses of solar collector and Nusselt number correlation for rectangular solar air heater duct with longitudinal fins hold under the absorber plate	Chabane F., Moummi N., Bensahal D., Brima A.	0003701X	Applied Solar Energy (English translation of Geliotekhnika)	50	1	0	0	0	0	4	6	1	11	0	11
2014	Effect of gas mixture $H_2-N_2$ on microstructure and microhardness of steel 32CDV13 nitrated by plasma	Belahssen O., Chala A., Benramache S., Djamel B., Foued C.	17281431	International Journal of Engineering, Transactions A: Basics	27	4	1	1	0	0	0	0	0	1	0	2
2014	Backgating effect in GaAs FETs with a channel - Semi-insulating substrate boundary	Megherbi A.C., Benramache S., Guettaf A.	16744926	Journal of Semiconductors	35	3	0	1	1	0	0	0	0	2	0	2
2014	Thermal buckling behavior of laminated composite plates: A finite-element study	Ounis H., Tati A., Benchabane A.	20950233	Frontiers of Mechanical Engineering	9	1	1	2	5	4	5	5	2	23	0	24
2014	Heat transfer and energy analysis of a solar air collector with smooth plate	Chabane F., Moummi N.	12860042	EPJ Applied Physics	66	1	0	0	1	0	1	5	2	9	0	9

2014	Stator current signature analysis of healthy induction motor using time stepping finite element method	Halem N., Srairi K., Zouzou S.E.	20856830	International Journal on Electrical Engineering and Informatics	6	1	0	0	1	0	0	0	0	1	0	1
2014	Effect of the long natural aging on the precipitation sequence in Al-Mg-Si alloy	Boumerzoug Z., Hamdi I.	10226680	Advanced Materials Research	893		0	0	0	2	0	0	0	2	0	2
2014	The relaxed optimal control problem for Mean-Field SDEs systems and application	Chala A.	00051098	Automatica	50	3	0	1	0	1	2	1	2	7	0	7
2014	A new strain based brick element for plate bending	Belounar L., Guerraike K.	11100168	Alexandria Engineering Journal	53	1	0	0	0	0	2	6	3	11	0	11
2014	Synthesis and Electrochemical Properties of $\text{LaFeO}_3$ Oxides Prepared Via Sol-Gel Method	Lebid M., Omari M.	2193567X	Arabian Journal for Science and Engineering	39	1	2	2	4	3	3	6	7	25	0	27





2014	Modeling of InGaN/GaAs Photovoltaic Tandem with GaAs/AlAs Bragg Mirror rear surface reflector	Bouزيد F., Benaziez N.	13090127	International Journal of Renewable Energy Research	4	3	0	0	0	0	0	0	1	0	1	0	1
2014	Solving practical power system problems using hierarchical interactive PSO strategy considering SVC controllers	Mahdad B., Srairi K., Benbouزيد M.	10641246	Journal of Intelligent and Fuzzy Systems	27	1	0	0	1	0	0	0	0	0	1	0	1
2014	Explicit quantum green's functions on a piecewise continuous symmetrical spherical potential	Benali B., Meftah M.T.	00344877	Reports on Mathematical Physics	74	1	0	0	0	0	0	0	0	0	0	0	0
2014	Reduction of periodic speed ripples in switched reluctance motor using fuzzy logic control	Guettaf A., Benchabane F., Bahri M., Bennis O.		16th International Power Electronics and Motion Control Conference and Exposition, PEMC 2014			0	0	0	1	0	0	0	0	1	0	1
2014	Torque ripple minimization in switched reluctance motor using the fuzzy logic control technique	Guettaf A., Benchabane F., Bahri M., Bennis O.	09756809	International Journal of Systems Assurance Engineering and Management	5	4	0	2	0	2	0	1	0	5	0	5	





2014	Electronic structure and physical-chemistry properties relationship for phenothiazine derivatives by quantum chemical calculations	Belaidi S., Almi Z., Bouzidi D.	15461955	Journal of Computational and Theoretical Nanoscience	11	12	0	5	3	2	2	0	0	12	0	12
2014	The deformability of a high performance Concrete (HPC)	Benamara D., Mezghiche B., Zohra M.F.	18753884	Physics Procedia	55		0	0	0	0	0	1	0	1	0	1
2014	The influence of Zr/Ti content on the morphotropic phase boundary and on the properties of PZT-SFN piezoelectric ceramics	Kahoul F., Hamzioui L., Boutarfaia A.	18766102	Energy Procedia	50		0	0	1	0	1	0	1	3	0	3
2014	Sintering and properties of $Pb_{0.98}Ca_{0.02}[(Zr_{0.52}Ti_{0.48})_{0.98}/(Cr^{3+})_{0.5}, Ta^{5+}/(Zr_{0.5}Ti_{0.5})_{0.02}O_3]$ ferroelectric ceramics doped with $P_2O_5$	Hamzioui L., Kahoul F., Boutarfaia A.	18766102	Energy Procedia	50		0	0	0	0	0	0	0	0	0	0
2014	Full body adjustment using iterative inverse kinematic and body parts correlation	Bentrah A., Djefal A., Babahenini M., Gillet C., Pudlo P., Taleb-Ahmed A.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	8584	6	0	0	1	0	0	1	0	2	0	2



2014	Fuzzy logic controller for three-level shunt active filter to mitigate current harmonics with neutral point voltage unbalances control	Chennai S., Benchouia M.T.	15824594	Journal of Electrical Engineering	14	1	0	0	1	0	0	0	0	0	1	0	1
2014	Design of a pressurized circular pipe with benches using the rough model method (RMM)	Riabi M., Achour B.	10226680	Advanced Materials Research	960-961		3	1	0	0	0	0	0	0	1	0	4
2014	Three-level (NPC) shunt active power filter performances based on fuzzy controller for harmonic currents compensation under non-ideal voltage conditions	Salim C., Toufik B.M.	20856830	International Journal on Electrical Engineering and Informatics	6	2	0	0	3	7	1	0	0	0	11	0	11
2014	Design of a pressurized trapezoidal shaped conduit using the rough model method (part 1)	Achour B., Riabi M.	10226680	Advanced Materials Research	945-949		3	1	0	0	0	0	0	0	1	0	4
2014	Model reference adaptive control for twin rotor multiple-input and multiple-output system via minimal controller synthesis	Chelihi A., Chemachema M.	09596518	Proceedings of the Institution of Mechanical Engineers. Part I: Journal of Systems and Control Engineering	228	6	1	0	1	1	4	1	1	1	8	0	9



2014	On Near-Optimal Mean-Field Stochastic Singular Controls: Necessary and Sufficient Conditions for Near-Optimality	Hafayed M., Abbas S.	00223239	Journal of Optimization Theory and Applications	160	3	3	4	8	4	6	2	2	26	0	29
2014	Can pit conductance be blocked under low ionic strength? Effect of deionized water on intervesel connectivity in a halophytic desert shrub (Tamarix gallica L.)	Halis Y., Benhaddya M.L., Bachi O.E., Lahcini A., Belhamra M.	01375881	Acta Physiologiae Plantarum	36	4	0	0	0	0	0	0	0	0	0	0
2014	An effective quadrilateral membrane finite element based on the strain approach	Rebiai C., Belounar L.	02632241	Measurement: Journal of the International Measurement Confederation	50	1	1	1	0	1	0	6	6	14	0	15
2014	Assessment of the stepped isostress method in the prediction of long term creep of thermoplastics	Hadid M., Guerira B., Bahri M., Zouani A.	01429418	Polymer Testing	34		1	1	2	2	5	6	2	18	0	19
2014	Contribution of spray droplet pinning fragmentation to canopy retention	Boukhalifa H.H., Massinon M., Belhamra M., Lebeau F.	02612194	Crop Protection	56		2	1	2	2	5	1	2	13	0	15

2014	Infinite horizon optimal control of forward-backward stochastic differential equations with delay	Agram N., Oksendal B.	03770427	Journal of Computational and Applied Mathematics	259		1	3	3	2	3	8	3	22	0	23
2014	The effects of solvent nature on spray-deposited ZnO thin film prepared from Zn(CH <sub>3</sub> COO) <sub>2</sub> , 2H <sub>2</sub> O	Benramache S., Rahal A., Benhaoua B.	00304026	Optik	125	2	9	7	5	4	5	3	3	27	0	36
2014	Parameters influencing response of a base isolated building	Mohamed O.H., Abdelhafid O.	15630854	Asian Journal of Civil Engineering	15	2	0	1	0	0	0	1	0	2	0	2
2014	Splittable metamorphic carrier robots	Ababsa T., Duthen Y.		Artificial Life 14 - Proceedings of the 14th International Conference on the Synthesis and Simulation of Living Systems, ALIFE 2014			0	0	0	0	1	0	0	1	0	1
2014	The crystalline structure, conductivity and optical properties of Co-doped ZnO thin films	Benramache S., Benhaoua B., Belahssen O.	00304026	Optik	125	19	1	6	9	7	1	1	3	27	0	28

2014	Modeling and implementation of MTPA control strategy for SynRM variable speed drives	Matos D.M.B., Estima J.O., Yahia K., Cardoso A.J.M.	18276660	International Review of Electrical Engineering	9	6	0	1	2	1	1	1	0	6	0	6
2014	Eco-ethology of the wintering ferruginous duck Aythya nyroca (Anatidae) in Garaet Hadj Tahar (Guerbes-Sanhadja, Northeast of Algeria)	Merzoug S.E., Abda W.A., Belhamra M., Houhamdi M.	21658005	Zoology and Ecology	24	4	0	1	2	2	1	0	0	6	0	6
2014	Bifurcation analysis of a Buck DC-DC converter applied to distributed power systems	Hadri-Hamida A., Ghoggal A., Zerouali S.	09756809	International Journal of Systems Assurance Engineering and Management	5	3	0	1	0	0	1	0	0	2	0	2
2014	Type-2 fuzzy logic control of a 2-DOF helicopter (TRMS system)	Zeghlache S., Kara K., Saigaa D.	18961541	Central European Journal of Engineering	4	3	0	0	0	5	0	5	0	10	0	10
2014	Design and robustness enhancement of sectorial fuzzy controller via evolutionary algorithm	Megherbi H., Megherbi A.C., Megherbi N., Benmahammed K.	10641246	Journal of Intelligent and Fuzzy Systems	27	6	0	0	0	0	0	1	0	1	0	1

2014	Robust remote speaker recognition system based on AR-MFCC features and efficient speech activity detection algorithm	Ajgou R., Sbaa S., Ghendir S., Chamsa A., Taleb-Ahmed A.		2014 11th International Symposium on Wireless Communications Systems, ISWCS 2014 - Proceedings			0	0	0	3	0	1	2	6	0	6
2014	Numerical analysis with RK4 to detect the tumor for MRI image	El Kourd K., Azizi A., El Kourd A.		2014 World Symposium on Computer Applications and Research, WSCAR 2014			0	0	0	0	0	0	0	0	0	0
2014	Using high level nets for the design of reconfigurable manufacturing systems	Kahloul L., Chaoui A., Djouani K., Bourekkache S., Kazar O.	16130073	CEUR Workshop Proceedings	1161		0	0	0	0	1	1	0	2	0	2
2014	Sand as a heat storage media for a solar application: Simulation results	Mahfoudi N., Moumni A., Ganaoui M.E.	16609336	Applied Mechanics and Materials	621		0	1	1	1	0	2	0	5	0	5
2014	Isolation and identification of dominant osmophilic Leuconostoc strains from traditional date product "Btana"	Abekhti A., Daube G., Kihal M.	19854668	International Food Research Journal	21	4	0	0	0	0	0	1	1	2	0	2

2014	Modeling synchronous reluctance motors including saturation, iron losses and mechanical losses	Yahia K., Matos D., Estima J.O., Cardoso A.J.M.		2014 International Symposium on Power Electronics, Electrical Drives, Automation and Motion, SPEEDAM 2014			0	2	3	3	4	0	1	13	0	13
2014	The use of a modified Prony's method to track the broken rotor bars characteristic frequencies and amplitudes, in three-phase induction motors	Sahraoui M., Cardoso A.J.M., Ghoggal A.		2014 International Symposium on Power Electronics, Electrical Drives, Automation and Motion, SPEEDAM 2014			0	0	0	0	0	0	0	0	0	0
2014	Optimal sizing design and energy management of stand-alone photovoltaic/wind generator systems	Tegani I., Aboubou A., Ayad M.Y., Becherif M., Saadi R., Kraa O.	18766102	Energy Procedia	50		1	4	2	3	7	4	5	25	0	26
2014	Dual loop control of fuel cell source using non-isolated IBC-IDDB converter for hybrid vehicle applications	Saadi R., Bahri M., Ayad M.Y., Becherif M., Kraa O., Aboubou A.	18766102	Energy Procedia	50		0	4	1	3	0	1	1	10	0	10
2014	States feedback control applied to the electric vehicle	Kraa O., Becherif M., Ayad M.Y., Saadi R., Bahri M., Aboubou A., Ghodbane H.	18766102	Energy Procedia	50		0	0	0	0	0	0	1	1	0	1

2014	Fuzzy logic maximum structure and state feedback control strategies of the electrical car	Kraa O., Aboubou A., Becherif M., Ayad M.Y., Saadi R., Bahri M., Ghodbane H.	18766102	Energy Procedia	50		0	0	0	1	0	0	1	2	0	2
2014	Nonlinear flatness control applied to supercapacitors contribution in hybrid power systems using photovoltaic source and batteries	Benaouadj M., Aboubou A., Ayad M.Y., Becherif M.	18766102	Energy Procedia	50		1	1	2	4	3	2	1	13	0	14
2014	Fuzzy logic and passivity-based controller applied to electric vehicle using fuel cell and supercapacitors hybrid source	Mohammedi M., Kraa O., Becherif M., Aboubou A., Ayad M.Y., Bahri M.	18766102	Energy Procedia	50		0	7	5	2	6	9	4	33	0	33
2014	A novel adaptive operation mode based on fuzzy logic control of electrical vehicle	Kraa O., Becherif M., Ayad M.Y., Saadi R., Bahri M., Aboubou A., Tegani I.	18766102	Energy Procedia	50		0	3	1	0	2	2	3	11	0	11
2014	Design and implementation of sliding mode and PI controllers based control for three phase shunt active power filter	Benchouia M.T., Ghadbane I., Golea A., Srairi K., Benbouzid M.H.	18766102	Energy Procedia	50		0	1	3	3	5	0	1	13	0	13





2014	Texture in welded industrial aluminum	Boumerzoug Z., Cherifi N., Baudin T.	16609336	Applied Mechanics and Materials	563		0	0	0	0	0	0	0	0	0	0
2014	A comparative study on structural and optical properties of ZnO and Al-doped ZnO thin films obtained by ultrasonic spray method using different solvents	Gahtar A., Rahal A., Benhaoua B., Benramache S.	00304026	Optik	125	14	0	5	12	6	5	5	5	38	0	38
2014	Deep traps and temperature effects on the capacitance of p-type Si-doped GaAs Schottky diodes on (2 1 1) and (3 1 1) oriented GaAs substrates	Boumaraf R., Sengouga N., Mari R.H., Meftah A., Aziz M., Jameel D., Al Saqri N., Taylor D., Henini M.	07496036	Superlattices and Microstructures	65		0	4	0	2	0	0	0	6	0	6
2014	Neural networks and fault probability evaluation for diagnosis issues	Kourd Y., Lefebvre D., Guersi N.	16875265	Computational Intelligence and Neuroscience	2014		0	0	1	0	0	0	0	1	0	1
2014	Quality-driven design of web service business processes	Zernadji T., Tibermacine C., Cherif F.	15244547	Proceedings of the Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, WETICE			0	0	1	0	0	0	0	1	0	1



2014	Blind restoration of radiological images using hybrid swarm optimized model implemented on FPGA	Saadi S., Guessoum A., Bettayeb M., Abdelhafidi K.	16833198	International Arab Journal of Information Technology	11	5	0	2	0	1	1	0	0	4	0	4
2014	Processing the evolution of quality requirements of web service orchestrations: A pattern-based approach	Zernadji T., Tibermacine C., Cherif F.		Proceedings - Working IEEE/IFIP Conference on Software Architecture 2014, WICSA 2014			1	0	2	0	0	1	0	3	0	4
2014	Numerical modeling of an instrumented shallow gallery excavated in Toulouse's molasses by a conventional method	Houhou M.N., Emeriault F.		Numerical Methods in Geotechnical Engineering - Proceedings of the 8th European Conference on Numerical Methods in Geotechnical Engineering, NUMGE 2014	2		0	0	0	0	0	0	0	0	0	0
2014	Effect of fluorine doping on the structural, optical and electrical properties of SnO <sub>2</sub> thin films prepared by spray ultrasonic	Benhaoua A., Rahal A., Benhaoua B., Jalaci M.	07496036	Superlattices and Microstructures	70		2	8	3	5	3	8	3	30	0	32
2014	Fuzzy logic controller for three-phase four-leg five-level shunt active power filter under unbalanced non-linear load and distorted voltage conditions	Benaissa A., Rabhi B., Moussi A., Benkhoris M.F.	09756809	International Journal of Systems Assurance Engineering and Management	5	3	0	0	2	2	1	1	0	6	0	6





2013	Active-reactive power signature analyses for discriminating mechanical load unbalances from rotor cage fault	Mabrouk A.E., Zouzou S.E., Sahraoui M.	17439310	Mediterranean Journal of Measurement and Control	9	4	0	1	0	1	0	0	0	0	2	0	2
2013	Markov-history based modeling for realistic mobility of vehicles in VANETs	Bitam S., Mellouk A.	15502252	IEEE Vehicular Technology Conference			1	2	3	1	0	0	0	0	6	0	7
2013	An efficient optimisation method based on genetic algorithm applied to reduce greenhouse gases in power system	Naimi D., Ahmed S., Bouktir T.		2013 International Conference on Control, Decision and Information Technologies, CoDIT 2013			0	0	0	0	0	0	0	0	0	0	0
2013	Design of multi-agent system for quality control and machine maintenance	Nafissa R., Hayet M.L., Okba K.		2013 International Conference on Control, Decision and Information Technologies, CoDIT 2013			0	0	0	1	1	0	0	0	2	0	2
2013	Economic dispatch resolution using adaptive acceleration coefficients based PSO considering generator constraints	Ahmed S., Tarek B., Djemai N.		2013 International Conference on Control, Decision and Information Technologies, CoDIT 2013			1	3	3	2	2	3	0	13	0	14	

2013	Rotor resistance estimation using an ekf for fault detection in direct torque control induction motor	Kechida R., Menacer A.	17439310	Mediterranean Journal of Measurement and Control	9	2	0	0	0	0	0	0	0	0	0	0
2013	Fuzzy logic and reinforcement learning based approaches for mobile robot navigation in unknown environment	Cherroun L., Boumehras M.	17439310	Mediterranean Journal of Measurement and Control	9	3	0	0	0	0	0	2	0	2	0	2
2013	Optical absorption and emission of Ni-doped (80-x)Sb <sub>2</sub> O <sub>3</sub> -20K <sub>2</sub> O-xMoO <sub>3</sub> glasses	Petkova P., Houhou S., Soltani M.T.	02811847	Physica Scripta	T157		1	0	1	1	0	0	0	2	0	3
2013	Investigation of Urbach's rule region in undoped and Cu doped (80 - X)Sb <sub>2</sub> O <sub>3</sub> -20Li <sub>2</sub> O-xMoO <sub>3</sub> glasses	Petkova P., Touiri H., Soltani M.T.	02811847	Physica Scripta	T157		1	1	0	1	0	0	0	2	0	3
2013	Optimal number of DFIG wind turbines in farm using Pareto genetic algorithm to minimize cost and turbines fault effect	Khattara A., Becherif M., Ayad M.Y., Bahri M., Aboubou A.		IECON Proceedings (Industrial Electronics Conference)			0	0	0	1	0	0	0	1	0	1



2013	Neuro-genetic optimization of magnetic hysteresis integrates in electromagnetic systems	Azzaoui S., Srairi K., Benbouzid M.E.H.	17439310	Mediterranean Journal of Measurement and Control	9	3	1	0	0	0	0	0	0	0	0	0	1
2013	Automatic generation of SPL structurally valid products using graph transformations approach	Khalifaoui K., Chaoui A., Foudil C., Kerkouche E.	1860949X	Studies in Computational Intelligence	488		0	1	0	0	0	0	0	0	1	0	1
2013	Thermal and elastic characterization of $Sb_{2-x}O_{3-x}Na_{2-x}ZnO$ glasses	Hamzaoui M., Azri S., Soltani M.T., Lebullenger R., Poulain M.	02811847	Physica Scripta	T157		1	0	0	1	0	2	1	4	0	5	
2013	Adaptive control with tuning function control design applied to class-E/F inverter	Zerouali S., Hadri Hamida A., Mimoune S.M., Allag A., Bensalem A.		2013 3rd International Conference on Electric Power and Energy Conversion Systems, EPECS 2013			0	0	0	0	0	0	0	0	0	0	
2013	WSSim: A tool for the measurement of web service interface similarity	Tibermacine O., Tibermacine C., Cherif F.		CAL 2013 - 7eme Edition de la Conference Francophone sur les Architectures Logicielles			2	1	4	0	3	0	1	9	0	11	

2013	Synthesis of nanocrystalline NiAl by mechanically activated self-propagating high-temperature synthesis and mechanically activated annealing process	Arroussi S., Ali-Rachedi M., Chemam A., Benaldjia A., Amara A., Gasmi B., Andasmas M., Guerioune M.	12860042	EPJ Applied Physics	64	3	0	0	0	1	1	0	0	2	0	2
2013	A new strain based triangular element with drilling rotation	Bourezane M.	20780958	Lecture Notes in Engineering and Computer Science	1		0	0	0	0	0	0	0	0	0	0
2013	Modeling and fuzzy logic control of electrical vehicle with an adaptive operation mode	Kraa O., Becherif M., Aboubou A., Ayad M.Y., Tegani I., Haddi A.	21555516	International Conference on Power Engineering, Energy and Electrical Drives			1	0	0	0	1	0	1	2	0	3
2013	Energy management of fuel cell/ supercapacitor hybrid power sources based on the flatness control	Saadi R., Benaouadj M., Kraa O., Becherif M., Ayad M.Y., Aboubou A., Bahri M., Haddi A.	21555516	International Conference on Power Engineering, Energy and Electrical Drives			6	2	2	2	2	0	0	8	0	14
2013	Line-fault ride-through (LFRT) capabilities of wind DFIG turbine	Khattara A., Aboubou A., Bahri M., Becherif M., Ayad M.Y., Akhrif O.	21555516	International Conference on Power Engineering, Energy and Electrical Drives			1	0	0	0	1	0	0	1	0	2

2013	Flatness control of batteries/supercapacitors hybrid sources for electric traction	Benaouadj M., Aboubou A., Saadi R., Ayad M.Y., Becherif M., Bahri M., Akhrif O.	21555516	International Conference on Power Engineering, Energy and Electrical Drives			1	0	1	1	0	1	0	3	0	4
2013	Influence of wind turbine location in the optimization of the economic dispatch using genetic algorithm method	Khattara A., Aboubou A., Bahri M., Becherif M., Ayad M.Y., Akhrif O.	21555516	International Conference on Power Engineering, Energy and Electrical Drives			0	0	0	0	0	0	0	0	0	0
2013	Optimal sizing study of hybrid wind/PV/diesel power generation unit using genetic algorithm	Tegani I., Aboubou A., Becherif M., Ayad M.Y., Kraa O., Bahri M., Akhrif O.	21555516	International Conference on Power Engineering, Energy and Electrical Drives			2	2	0	0	2	2	2	8	1	11
2013	Effects of noncommutativity on light hydrogen-like atoms and proton radius	Moumni M., Benslama A.	0217751X	International Journal of Modern Physics A	28	28	1	1	0	1	1	0	0	3	0	4
2013	Electronic structure and physico-chemical property relationship for thiazole derivatives	Belaidi S., Mazri R., Belaidi H., Lanez T., Bouzidi D.	09707077	Asian Journal of Chemistry	25	16	0	1	1	2	1	0	1	6	0	6



2013	Application of a combined superconducting fault current limiter and STATCOM to enhancement of power system transient stability	Mahdad B., Srairi K.	09214534	Physica C: Superconductivity and its Applications	495		1	1	2	0	2	1	1	7	0	8
2013	Tunneling recombination mechanism in n-type a-Si:H steady state regime	Tobbeche S., Merazga A.	10226680	Advanced Materials Research	774-776		0	0	0	0	0	0	0	0	0	0
2013	Formal study of reconfigurable manufacturing systems: A high level Petri nets based approach	Kahloul L., Djouani K., Chaoui A.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	8062		1	0	4	2	1	1	1	9	0	10
2013	Influence of atmospheric steam curing by solar energy on the compressive and flexural strength of concretes	Benammar B., Mezghiche B., Guettala S.	09500618	Construction and Building Materials	49		1	1	2	5	1	6	4	19	0	20
2013	Structural damage detection by using finite element method as function of length	Bensahal D., Amrane M.N., Chabane F., Belahssen O., Benramache S.	01258281	Engineering Journal	17	4	0	0	1	1	0	0	0	2	0	2

2013	Stochastic near-optimal singular controls for jump diffusions: Necessary and sufficient conditions	Hafayed M., Abbas S.	10792724	Journal of Dynamical and Control Systems	19	4	2	1	3	3	3	0	0	10	0	12
2013	Simulation of wind conversion chain model with PI voltage regulation	Bourourou F., Louar F., Ayeche A.M., Ouari A.		4th International Conference on Clean Electrical Power: Renewable Energy Resources Impact, ICCEP 2013			1	0	0	0	0	0	0	0	0	1
2013	Green function on a quantum disk for the helmholtz problem	Benali B., Boudjedaa B., Meftah M.T.	05874246	Acta Physica Polonica A	124	4	1	0	0	0	0	0	0	0	0	1
2013	Evaluation of minor hysteresis loops using Langevin transforms in modified inverse Jiles-Atherton model	Hamimid M., Mimoune S.M., Feliachi M.	09214526	Physica B: Condensed Matter	429		2	4	1	0	1	1	0	7	0	9
2013	Influence of Sn content on properties of ZnO:SnO <sub>2</sub> thin films deposited by ultrasonic spray pyrolysis	Ynineb F., Hafdallah A., Aida M.S., Attaf N., Bougdira J., Rinnert H., Rahmane S.	13698001	Materials Science in Semiconductor Processing	16	6	3	4	4	4	2	4	2	20	0	23

2013	Assessment of the effect of modern transformation on the traditional settlement 'Ksar' of Ouargla in southern Algeria	Sebti M., Alkama D., Bouchair A.	20952635	Frontiers of Architectural Research	2	3	1	1	2	1	1	1	2	8	0	9
2013	Investigating Entrepreneurship Among Algerian Youth: Is It A Knowledge-Intensive Factory?	Izzrech K., Del Giudice M., Della Peruta M.R.	18687873	Journal of the Knowledge Economy	4	3	0	3	0	4	0	4	0	11	0	11
2013	Structural and optical properties of a NaCl single crystal doped with CuO nanocrystals	Addala S., Bouhdjer L., Chala A., Bouhdjar A., Halimi O., Boudine B., Sebais M.	16741056	Chinese Physics B	22	9	0	1	1	5	3	2	4	16	0	16
2013	[Changes in enzyme activity and mineral metabolism in Ouled Djellal ewes according to the season and reproductive stage, Variations de l'activité enzymatique et du métabolisme minéral chez la brebis Ouled Djellal des zones steppiques de l'Algérie en fonction de la saison et du stade reproductif]	Deghnouche K., Tlidi M., Meziane T.	01213784	Livestock Research for Rural Development	25	9	0	1	0	1	0	0	1	3	0	3
2013	A comparative study on the nanocrystalline ZnO thin films prepared by ultrasonic spray and sol-gel method	Benramache S., Benhaoua B., Chabane F., Guettaf A.	00304026	Optik	124	18	14	6	6	3	2	1	2	20	0	34

2013	The effect of the film thickness and doping content of SnO <sub>2</sub> :F thin films prepared by the ultrasonic spray method	Rahal A., Benramache S., Benhaoua B.	16744926	Journal of Semiconductors	34	9	1	5	3	6	1	3	1	19	0	20
2013	Water stress correlated with senescence in durum wheat (Triticum durum Desf)	Yamina B.	19950756	Advances in Environmental Biology	7	7	0	0	0	0	0	0	0	0	0	0
2013	Effect of drying and freezing on antioxidant capacity and polyphenolic contents of two south Algerian eggplants cultivars	Boubekri C., Lanez T., Djouadi A., Rebiai A.	09751491	International Journal of Pharmacy and Pharmaceutical Sciences	5	3	2	1	1	0	0	0	0	2	0	4
2013	Modular structural analysis of Petri nets for distributed causal model-based diagnosis	Bennoui H., Barkaoui K.		2013 5th International Conference on Modeling, Simulation and Applied Optimization, ICMSAO 2013			0	0	0	0	0	0	0	0	0	0
2013	TVAC based PSO for solving Economic and Environmental Dispatch considering security constraint	Salhi A., Naimi D., Bouktir T.		Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013			2	0	1	0	1	0	0	2	0	4



2013	Improvement of transient stability of Algerian power system network with wind farm	Naimi D., Bouktir T., Salhi A.		Proceedings of 2013 International Renewable and Sustainable Energy Conference, IRSEC 2013			3	2	1	0	0	0	1	4	0	7
2013	Interactive DE for solving combined security environmental economic dispatch considering FACTS technology	Mahdad B., Srairi K., Bouktir T.	20951701	Frontiers in Energy	7	4	0	1	0	0	0	1	0	2	0	2
2013	Preparation of n-type semiconductor SnO <sub>2</sub> thin films	Rahal A., Benramache S., Benhaoua B.	16744926	Journal of Semiconductors	34	8	3	1	0	0	0	3	1	5	0	8
2013	Fast motion estimation algorithm based on complex wavelet transform	Terki N., Saigaa D., Cheriet L., Doghmane N.	19398018	Journal of Signal Processing Systems	72	2	1	0	0	0	0	2	0	2	0	3
2013	Comparison of proton exchange membrane fuel cell static models	Saadi A., Becherif M., Aboubou A., Ayad M.Y.	09601481	Renewable Energy	56		5	5	5	8	7	5	9	39	0	44

2013	A fast inductance computation devoted to the modeling of healthy, eccentric, and saturated induction motors	Ghoggal A., Sahraoui M., Zouzou S.E., Razik H.	15325008	Electric Power Components and Systems	41	10	2	0	0	0	0	1	1	2	0	4
2013	Fault diagnosis based on neural networks and decision trees: Application to DAMADICS	Kourd Y., Lefebvre D., Guersi N.	13494198	International Journal of Innovative Computing, Information and Control	9	8	7	6	2	1	5	1	1	16	0	23
2013	The detection of disease by statistic test of 'analyze of variance'	El Kourd K., El Kourd A.		International Conference on Computer Applications Technology, ICCAT 2013			0	1	0	0	0	0	0	1	0	1
2013	Agent-based approach for building ontology from text	Abdelbasset B.T., Okba P.K., Sofiane M.		International Conference on Computer Applications Technology, ICCAT 2013			1	1	0	0	0	0	0	1	0	2
2013	Enrichment of linear hexahedral finite elements using rotations of a virtual space fiber	Ayad R., Zouari W., Meftah K., Zineb T.B., Benjeddou A.	00295981	International Journal for Numerical Methods in Engineering	95	1	1	2	2	0	3	1	2	10	0	11

2013	Infrared Thermography study of the temperature effect on the performance of photovoltaic cells and panels	Fares Z., Becherif M., Emziane M., Aboubou A., Azzem S.M.	21903018	Smart Innovation, Systems and Technologies	22		0	1	0	0	0	2	3	6	0	6
2013	A stochastic maximum principle in mean-field optimal control problems for jump diffusions	Chighoub F., Mezerdi B.	13195166	Arab Journal of Mathematical Sciences	19	2	1	3	0	0	1	1	0	5	0	6
2013	Collector efficiency by single pass of solar air heaters with and without using fins	Chabane F., Moumni N., Benramache S., Bensahal D., Belahssen O.	01258281	Engineering Journal	17	3	0	0	1	1	7	8	2	19	0	19
2013	Preparation of transparent conducting ZnO:Al films on glass substrates by ultrasonic spray technique	Gahtar A., Benramache S., Benhaoua B., Chabane F.	16744926	Journal of Semiconductors	34	7	9	8	3	1	1	0	3	16	0	25
2013	Theoretical studies of molecular structure, vibrational spectra and substitution effect on the electronic structure of indole	Belaidi S., Harkati D., Boughdiri S., Belkhiri L.	09758585	Research Journal of Pharmaceutical, Biological and Chemical Sciences	4	3	0	4	1	1	0	1	0	7	0	7

2013	A new 3D 6-node solid finite element based upon the "space Fibre Rotation" concept	Meftah K., Ayad R., Hecini M.	17797179	European Journal of Computational Mechanics	22	1	0	1	1	0	1	0	2	5	0	5
2013	Entomofauna of Ziban Oasis, Biskra, Algeria	Deghiche-Diab N., Porcelli F., Belhamra M.	15362442	Journal of Insect Science	15	41	0	0	0	1	1	0	0	2	0	2
2013	[Experimental study of the effect of positive work on the projection hydraulic operating in a trapezoidal channel, Étude expérimentale de l'effet de la marche positive sur le ressaut hydraulique évoluant dans un canal trapézoïdal]	Kateb S., Debabeche M., Benmalek A.	03151468	Canadian Journal of Civil Engineering	40	10	0	1	0	1	0	0	0	2	0	2
2013	Induction motors broken rotor bars detection using MCSA and neural network: Experimental research	Guedidi S., Zouzou S.E., Laala W., Yahia K., Sahraoui M.	09756809	International Journal of Systems Assurance Engineering and Management	4	2	1	0	1	4	4	1	0	10	0	11
2013	A bias-reduced estimator for the mean of a heavy-tailed distribution with an infinite second moment	Brahimi B., Meraghni D., Necir A., Yahia D.	03783758	Journal of Statistical Planning and Inference	143	6	0	1	1	1	0	0	1	4	0	4

2013	The effect of urban morphology on urban heat island in the city of Biskra in Algeria	Boukhabla M., Alkama D., Bouchair A.	01430750	International Journal of Ambient Energy	34	2	2	0	0	3	2	3	2	10	0	12
2013	Static eccentricity fault diagnosis using the signatures analysis of stator current and air gap magnetic flux by finite element method in saturated induction motors	Halem N., Zouzou S.E., Srairi K., Guedidi S., Abbood F.A.	09756809	International Journal of Systems Assurance Engineering and Management	4	2	1	3	1	1	1	1	1	8	0	9
2013	Robust control based on the Lyapunov theory of a grid-connected doubly fed induction generator	Cheikh R., Menacer A., Drid S.	20951701	Frontiers in Energy	7	2	0	0	1	1	0	0	1	3	0	3
2013	Toward a nonlinear control of an AC-DC-PWM converter dedicated to induction heating	Hadri-Hamida A., Zerouali S., Allag A.	20951701	Frontiers in Energy	7	2	2	1	0	1	1	0	0	3	0	5
2013	On necessary and sufficient conditions for near-optimal singular stochastic controls	Hafayed M., Abbas S., Veverka P.	18624472	Optimization Letters	7	5	7	3	3	3	1	0	0	10	0	17



2013	LARKS: An ontology-based algorithm for geographic web service discovery	Rezeg K., Servigne S., Laskri M.T.		Urban and Regional Data Management, UDMS Annual 2013 - Proceedings of the Urban Data Management Society Symposium 2013			0	0	0	0	0	0	0	0	0	0
2013	Correlation between initial absorption of the cover concrete, the compressive strength and carbonation depth	Rabehi M., Mezghiche B., Guettala S.	09500618	Construction and Building Materials	45		8	5	4	3	6	4	3	25	0	33
2013	The qanat of the Greatest Western Erg	Remini B., Achour B.	0003150X	Journal - American Water Works Association	105	5	0	0	0	0	1	0	0	1	0	1
2013	Bee life-based multi constraints multicast routing optimization for vehicular ad hoc networks	Bitam S., Mellouk A.	10848045	Journal of Network and Computer Applications	36	3	8	8	5	6	5	7	3	34	0	42
2013	Simplified control scheme of unified power quality conditioner based on three-phase three-level (NPC) inverter to mitigate current source harmonics and compensate all voltage disturbances	Salim C., Mohamed Toufik B.	19750102	Journal of Electrical Engineering and Technology	8	3	5	1	4	1	0	3	0	9	0	14

2013	Study of the toxicity of azadirachtin on larval mortality and fertility of carob moth's female Ectomyeloisceratoniae (Lepidoptera, pyralidae) under controlled conditions	Mehaoua M.S., Hadjeb A., Lagha M., Bensalah M.K., Ouakid M.L.	19950748	American-Eurasian Journal of Sustainable Agriculture	7	1	0	0	0	1	0	0	0	1	0	1
2013	Irradiation effect on the electrical characteristics of an AlGaAs/GaAs based solar cell: Comparison between electron and proton irradiation by numerical simulation	Laiadi W., Meftah A., Sengouga N., Meftah A.	07496036	Superlattices and Microstructures	58		1	1	1	1	0	3	1	7	0	8
2013	Numerical study of the relation between the thermal effect and the stability of the levitation system excited by an external source	Alloui L., Ben Alia K., Bouillault F., Mimoune S.M., Bernard L., Leveque J.	09214534	Physica C: Superconductivity and its Applications	487		0	0	1	2	2	2	4	11	0	11
2013	Theoretical analysis of the structure and bonding in electron-rich edge-bridged octahedral tungsten chloride clusters	Nebbache N., Fontaine B., Meyer H.-J., Gautier R., Halet J.-F.	12932558	Solid State Sciences	19		2	0	0	0	0	0	0	0	0	2
2013	Elaboration and characterization of a KCl single crystal doped with nanocrystals of a $Sb_{2-x}O_3$ semiconductor	Bouhdjer L., Addala S., Chala A., Halimi O., Boudine B., Sebais M.	16744926	Journal of Semiconductors	34	4	0	0	0	2	1	3	0	6	0	6



2013	The influence of excitation frequency on magnetic levitation systems with a High-T <sub>c</sub> superconductor	Ben Alia K., Alloui L., Bouillault F., Mimoune S.M.	15571939	Journal of Superconductivity and Novel Magnetism	26	4	0	0	0	0	0	0	0	0	0	0
2013	Modeling of semiconductor detectors made of defect-engineered silicon: The effective space charge density	Saadoune A., Moloi S.J., Bekhouche K., Dehimi L., McPherson M., Sengouga N., Jones B.K.	15304388	IEEE Transactions on Device and Materials Reliability	13	1	0	1	0	0	1	2	0	4	0	4
2013	The effect of temperature on the rheological behavior of polyethylene oxide (PEO) solutions	Bahlouli M.I., Bekkour K., Benchabane A., Hemar Y., Nemdili A.	14306395	Applied Rheology	23	1	3	0	1	1	7	1	2	12	0	15
2013	First ampelometric study of autochthonous grapevines in Algeria: Germplasm collection of Mascara	Laiadi Z., Bencharif S., Lakhraf Z., Bentchikou M.M., Mohand-Larbi R.	00427500	Vitis - Journal of Grapevine Research	52	1	1	1	0	0	0	2	0	3	0	4
2013	Optimal tracking and robust power control of the DFIG wind turbine	Abdeddaim S., Betka A.	01420615	International Journal of Electrical Power and Energy Systems	49	1	16	20	26	16	20	10	6	98	0	114

2013	Integration of the hyperbolic telegraph equation in (1+1) dimensions via the generalized differential quadrature method	Zerarka A., Guergueb S.	22113797	Results in Physics	3		0	0	0	0	0	0	0	0	0	0
2013	A new strain based rectangular finite element with drilling rotation for linear and nonlinear analysis	Rebiai C., Belounar L.	16449665	Archives of Civil and Mechanical Engineering	13	1	3	1	1	1	1	7	7	18	0	21
2013	Glass formation, physicochemical characterization and photoluminescence properties of new $Sb_{2-x}O_{3-x}PbO-ZnO$ and $Sb_{2-x}O_{3-x}PbO-ZnS$ systems	Nouadji M., Ivanova Z.G., Poulain M., Zavadil J., Attaf A.	09258388	Journal of Alloys and Compounds	549		5	4	1	3	2	2	0	12	0	17
2013	Influence of growth time on crystalline structure, conductivity and optical properties of ZnO thin films	Benramache S., Chabane F., Benhaoua B., Lemmadi F.Z.	16744926	Journal of Semiconductors	34	2	21	6	7	3	2	2	2	22	0	43
2013	Spectroscopic properties of cu doped $(80-x)Sb_{2O_3}-20Li_2O-xMnO_3$ glasses	Petkova P., Touiri H., Soltani M.T.	05874246	Acta Physica Polonica A	123	2	1	0	0	1	1	0	0	2	0	3

2013	Physical characterization of Sb <sub>2</sub> O <sub>3</sub> -M <sub>2</sub> O <sub>3</sub> (M = Li, K) new glasses	Soltani M.T., Hamzaoui M., Houhou S., Touiri H., Bediar L., Ghemri A.M., Petkova P.	05874246	Acta Physica Polonica A	123	2	1	1	1	2	0	1	1	6	0	7
2013	Study of the relation between microstructure and properties (mechanical/electrical) of copper wire drawing and annealed	Zidani M., Messaoudi S., Dendouga F., Baudin T., Derfouf C., Boulagroun A., Mathon M.H.	05874246	Acta Physica Polonica A	123	2	2	3	2	1	0	2	1	9	0	11
2013	Two-dimensional modelling and simulation of crystalline silicon n <sup>+</sup> /p <sup>+</sup> solar cell	Tobbeche S., Kateb M.N.	16609336	Applied Mechanics and Materials	261-262		0	0	0	0	0	0	0	0	0	0
2013	Creep behavior of an industrial aluminum drawn wire	Abdallah D., Zakaria B.	10226680	Advanced Materials Research	629		2	0	0	0	0	1	0	1	0	3
2013	Transient axisymmetric FVM analysis of electrodynamic levitation devices	Mabrouk A.E., Cheriet A., Feliachi M., Lakhdari A.-E.	12860042	EPJ Applied Physics	61	1	0	0	0	0	1	0	0	1	0	1





2013	Radical copolymerization in homogenous medium and emulsion system monomers acrylonitrile/styrene	Boussehel H.	2261236X	MATEC Web of Conferences	5		0	0	0	0	0	0	0	0	0	0
2013	Numerical analysis of active earth pressure in cohesionless soils	Benmeddour D., Mabrouki A., Mellas M.		23rd International Mining Congress and Exhibition of Turkey, IMCET 2013	2		0	0	0	0	0	0	0	0	0	0
2013	Depth factors of limit loads on strip footing in clay	Yahia-Cherif H., Mabrouki A., Benmeddour D., Mellas M.		23rd International Mining Congress and Exhibition of Turkey, IMCET 2013	3		0	0	0	0	0	0	0	0	0	0
2013	Determination of acid dissociation constants of some hydroxy schiff bases by pH-metric titration. Application of the Hammett equation	Hadjeb R., Bara A., Barkat D.	2261236X	MATEC Web of Conferences	3		0	0	1	0	0	0	0	1	0	1
2013	Corrosion behaviour of the 42CrMo4 steel nitrided by plasma	Belahssen O., Chala A., Benramache S.	0970020X	Oriental Journal of Chemistry	29	4	0	1	0	0	0	1	0	2	0	2

2013	Energy planning strategy based on metaheuristic optimization techniques considering facts technology	Mahdad B.		Fuzzy Logic: Applications, Systems and Technologies			0	0	0	0	0	0	0	0	0	0
2013	A mapping ontology for geographic information retrieval	Khaled R., Horia S.		2013 3rd International Symposium ISKO-Maghreb			0	0	0	0	0	0	0	0	0	0
2013	Discriminating time-varying loads and rotor cage fault in induction motors	Mabrouk A.E., Zouzou S.E., Sahraoui M., Khelif S.		Proceedings - 2013 9th IEEE International Symposium on Diagnostics for Electric Machines, Power Electronics and Drives, SDEMPED 2013			2	1	1	0	1	1	1	5	0	7
2013	Ultrasound-assisted removal of methylene blue from aqueous solution by milk thistle seed	Djelloul C., Hasseine A.	19443994	Desalination and Water Treatment	51	28-30	1	3	0	0	4	2	0	9	0	10
2013	The sector of dates in Algeria, role in national economy and position on the international market	Benziouche S.E.	05677572	Acta Horticulturae	994		0	0	1	0	0	1	0	2	0	2

2013	Conformational analysis and physical-chemistry property relationship for 22-membered macrolides	Belaidi S., Melkemi N.	09707077	Asian Journal of Chemistry	25	8	0	1	1	0	0	0	0	2	0	2
2013	A study on multi-objective optimal power flow under contingency using differential evolution	Mahdad B., Srairi K.	19750102	Journal of Electrical Engineering and Technology	8	1	7	2	2	0	1	1	0	6	0	13
2013	Heat treatment effect on the mechanical properties of industrial drawn copper wires	Beribeche A., Boumerzoug Z., Ji V.	0094243X	AIP Conference Proceedings	1569		0	0	0	0	0	0	0	0	0	0
2013	Kinetic modelling of sphalerite in sulfuric acid solution	Begar A., Djeghlal M.A., Ould Hamou M.	18651348	Lecture Notes in Business Information Processing	145		0	0	0	0	0	0	0	0	0	0
2013	Fuzzy behavior based navigation approach for mobile robot in unknown environment	Cherroun L., Boumehras M.	15824594	Journal of Electrical Engineering	13	4	0	1	2	1	0	3	1	8	0	8



2013	Identification of causal relations of an edge's sliding of an open pit mine	Hamdane H., Mellas M.		23rd International Mining Congress and Exhibition of Turkey, IMCET 2013	1		0	0	0	0	0	0	0	0	0	0
2013	Effects of phosphorus addition on Piezoelectric and mechanical Properties of $Pb_{0.98}Ca_{0.02}[(Zr_{>0.52}Ti_{>0.48})_{0.98}(Cr_{>0.5})_{<sup>3+</sup>Ta_{>0.5}<sup>5+</sup>]O_{<sub>3</sub>}$	Hamzioui L., Kahoul F., Zoleikha N., Abdessalem N., Boutarfaia A.	18766102	Energy Procedia	36		0	0	0	0	0	0	0	0	0	0
2013	Control of the hot spot temperature in an industrial $SO_2$ converter	Bendjaouahdou C., Bendjaouahdou M.H.	18766102	Energy Procedia	36		0	0	1	0	0	0	0	1	0	1
2013	Effect of sintering temperature on the electromechanical properties of $(1-x)Pb(Zr_yTi_{1-y})O_3-xSm(Fe_{<sub>0.5</sub>}<sup>3+</sup>, Nb_{<sub>0.5</sub>}<sup>5+</sup>)O_3$ ceramics	Kahoul F., Hamzioui L., Necira Z., Boutarfaia A.	18766102	Energy Procedia	36		1	1	0	0	1	0	0	2	0	3
2013	The effects of organoclay on the morphology and balance properties of an immiscible polypropylene/natural rubber blend	Bendjaouahdou C., Bensaad S.	18766102	Energy Procedia	36		0	3	1	1	4	2	2	13	0	13

2013	Robustness evaluation of vector control of induction motor fed by SVM matrix converter	Dendouga A., Abdessemed R., Essounbouli N., Megherbi A.C.		2013 3rd International Conference on Systems and Control, ICSC 2013			0	1	0	0	0	1	1	3	0	3
2013	Effect of the surface recombination and the depletion region on the electron beam induced current at a Schottky nanocontact	Ounissi N., Ledra M., Tabet N.	17532507	International Journal of Nanoparticles	6	2-3	0	1	1	0	0	0	0	2	0	2
2013	Fuzzy multi-objective optimal power flow using genetic algorithms applied to algerian electrical network	Salhi A., Naimi D., Bouktir T.	13361376	Advances in Electrical and Electronic Engineering	11	6	0	0	1	0	1	1	0	3	0	3
2013	An improved semantic information searching scheme based multi-agent system and an innovative similarity measure	Nessah D., Kazar O.	17442621	International Journal of Metadata, Semantics and Ontologies	8	4	0	0	1	0	0	0	0	1	0	1
2013	Study of fecundity of <i>Parlatoria blanchardi</i> of the date palm and essay of chemical control in a palmeraie in Biskra	Belkhiri D., Mehaoua M.S., Biche M.	05677572	Acta Horticulturae	994		0	1	0	0	0	0	0	1	0	1



2013	Study of methods for drying dates; review the traditional drying methods in the region of TOUAT wilaya of Adrar - Algeria	Manaa S., Younsi M., Moumami N.	18766102	Energy Procedia	36			0	0	0	1	1	1	1	4	0	4
2013	Solar drying of tomato in the arid area of TOUAT (Adrar, Algeria)	Manaa S., Younsi M., Moumami N.	18766102	Energy Procedia	36			0	0	0	0	0	1	0	1	0	1
2013	Fuzzy logic control algorithm of grid connected doubly fed induction generator driven by vertical axis wind turbine in variable speed	Cheikh R., Belmili H., Drid S., Menacer A., Tiar M.		2013 3rd International Conference on Systems and Control, ICSC 2013				0	0	0	1	0	0	0	1	0	1
2013	Rotor resistance estimation using EKF for the rotor fault diagnosis in sliding mode control induction motor	Talhaoui H., Menacer A., Kechida R.		2013 3rd International Conference on Systems and Control, ICSC 2013				1	1	0	2	0	0	0	3	0	4
2013	Passivity Based Control and Fuzzy Logic Estimation applied to DC hybrid power source using Fuel Cell and supercapacitor	Mohammed M., Becherif M., Ayad M.Y., Kraa O., Aboubou A., Bahri M.		2013 3rd International Conference on Systems and Control, ICSC 2013				1	2	2	0	1	0	0	5	0	6

2013	Optical properties of alkali-antimonite glasses and purified processes for fiber drawing	Baazouzi M., Soltani M.T., Hamzaoui M., Poulain M., Troles J.	09253467	Optical Materials	36	2	3	2	0	3	0	1	1	7	0	10
2013	Optimization of turning operations by using a hybrid genetic algorithm with sequential quadratic programming	Belloufi A., Assas M., Rezgui I.	16656423	Journal of Applied Research and Technology	11	1	1	3	0	1	0	1	0	5	0	6
2013	Comparative study of PI and fuzzy DC voltage control for a wind energy conversion system	Barara M., Abbou A., Akherraz M., Bennaser A., Taibi D.	19749821	International Review on Modelling and Simulations	6	2	1	0	1	4	1	1	0	7	0	8
2013	Characteristics of copper wire drawn distended for electrical cabling by electron back scattering diffraction	Zidani M., Dendouga F., Messaoudi S., Bessais L., Hadid M.D., Derfouf C., Helbert A.L., Baudin T.		METAL 2013 - 22nd International Conference on Metallurgy and Materials, Conference Proceedings			0	0	0	0	0	0	0	0	0	0
2013	Algebraic Replay Attacks on Authentication in RFID Protocols	Chikouche N., Cherif F., Benmohammed M.	18650929	Communications in Computer and Information Science	381		0	0	0	1	0	0	0	1	0	1

2013	Comparison between two methods of reinforcement of face tunnel - Study of a real case	Mokhbi H., Messast S., Mellas M., Mabrouki, Benmeddour D., Hammoud F.		23rd International Mining Congress and Exhibition of Turkey, IMCET 2013	2		0	0	0	0	0	0	0	0	0	0
2013	Simulation of a combination of a solar air collector and a stock for a solar drying in Algeria	Manaa S., Younsi M., Pabiou H., Moumami N., Amara M.	18766102	Energy Procedia	36		0	0	0	0	0	0	0	0	0	0
2013	HyBR: A Hybrid Bio-inspired Bee swarm Routing protocol for safety applications in Vehicular Ad hoc NETWORKS (VANETs)	Bitam S., Mellouk A., Zeadally S.	13837621	Journal of Systems Architecture	59	10	6	12	3	7	10	10	7	49	0	55
2013	Thermal and optical properties of ternary $\text{NaPO}_3\text{-KHSO}_4\text{-MCl}_2$ (M = Pb, Zn and Cd) glasses	Chaguetmi S., Boutarfaia A., Poulain M.	14544164	Journal of Optoelectronics and Advanced Materials	15	7-8	0	0	0	0	0	0	0	0	0	0
2013	An evaluation of ANN methods for estimating the lengths of hydraulic jumps in U-shaped channel	Houichi L., Dechemi N., Heddami S., Achour B.	14647141	Journal of Hydroinformatics	15	1	0	1	0	3	2	4	4	14	0	14

2013	Nonlinear flatness control applied for energy management of PV/batteries/supercapacitors hybrid power sources for stand-alone applications	Benaouadj M., Ayad M.Y., Becherif M., Aboubou A., Bahri M., Akhrif O.		2013 3rd International Conference on Systems and Control, ICSC 2013			2	0	1	1	0	0	0	2	0	4
2013	Thermomechanical, plastic deformation and quenching effects on precipitation in Pb-17.4 wt. % Sn alloy	Fatmi M., Boumerzoug Z., Ghebouli B., Chihi T., Ghebouli M.A., Heiba Z.K.	14544164	Journal of Optoelectronics and Advanced Materials	15	11-12	1	0	0	0	0	0	0	0	0	1
2013	Electrical, dielectric and optical properties of $Sb_2O_3$ - $PbCl_2$ - $MoO_3$ glasses	Labas V., Poulain M., Kubliha M., Trnovcova V., Goumeidane F.	00223093	Journal of Non-Crystalline Solids	377		2	1	1	2	1	3	1	9	0	11
2013	A linear quadratic regulator for a pem fuel cell based power supply system for residential use	Rabhi B., Benaissa A., Dahmani A., Benkhoris M.F.	17439310	Mediterranean Journal of Measurement and Control	9	1	0	0	0	0	0	1	0	1	0	1
2013	Evolution of texture and mechanical and electrical properties in the copper wires : Drawn and annealed	Messaoudi S., Zidani M., Derfouf C.E., Mathon M.H., Baudin T.		METAL 2013 - 22nd International Conference on Metallurgy and Materials, Conference Proceedings			0	0	0	1	0	0	0	1	0	1

2013	Energy flow control of Wind/PV/Batteries/Supercapacitors autonomous hybrid power sources using the flatness concept	Benaouadj M., Ayad M.Y., Becherif M., Aboubou A., Bahri M., Akhrif O.		2013 3rd International Conference on Systems and Control, ICSC 2013			2	0	1	2	0	0	0	3	0	5
2013	Multi-scale analysis by SEM, EBSD and X-ray diffraction of deformation textures of a copper wire drawn industrially	Zidani M., Messaoudi S., Dendouga F., Baudin T., Derfouf C., Boulagroun A., Mathon M.-H.	2261236X	MATEC Web of Conferences	5		0	0	0	0	1	0	0	1	0	1
2012	Elaboration and characterisation of ZnO thin films	Benramache S., Benhaoua B., Khechai N., Chabane F.	00326895	Materiaux et Techniques	100	6-7	13	9	6	1	1	1	2	20	0	33
2012	A winding function-based model of air-gap eccentricity in saturated induction motors	Ghoggal A., Zouzou S.E., Sahraoui M., Derghal H., Hadri-Hamida A.		Proceedings - 2012 20th International Conference on Electrical Machines, ICEM 2012			4	1	1	2	3	1	0	8	0	12
2012	An improved algorithm for detection of rotor faults in squirrel cage induction motors based on a new fault indicator	Sahraoui M., Zouzou S.E., Ghoggal A., Guedidi S., Derghal H.		Proceedings - 2012 20th International Conference on Electrical Machines, ICEM 2012			1	1	1	1	0	0	0	3	0	4



2012	Small-signal time-domain physical/electrical fet modeling approach	Abdeslam N.A., Asadi S., Sengouga N., Yagoub M.C.E.		2012 25th IEEE Canadian Conference on Electrical and Computer Engineering: Vision for a Greener Future, CCECE 2012			0	0	0	0	0	0	0	0	0	0
2012	Contribution to the study of the coexistence of phases tetragonal-rhombohedral in ceramic type PZT and general form: $Pb [Zr_{x}Ti_{1-0,95-x}](Mo_{1/3}In_{2/3})O_{3}$	Abba M., Necira Z., Abdessalem N., Boutarfaia A.	21016275	EPJ Web of Conferences	29		0	0	0	0	0	0	0	0	0	0
2012	Synthesis and characterization of lanthanum monoaluminate by co-precipitation method	Djoudi L., Omari M., Madoui N.	21016275	EPJ Web of Conferences	29		2	2	1	3	0	3	1	10	0	12
2012	Synthesis of PZT powder by conventional method at various conditions	Necira Z., Boutarfaia A., Abba M., Abdessalem N.	21016275	EPJ Web of Conferences	29		0	0	0	3	1	0	0	4	0	4
2012	Differential evolution for optimal power flow considering shunt FACTS under contingency situation	Mahdad B., Srairi K.		2012 6th International Conference on Sciences of Electronics, Technologies of Information and Telecommunications, SETIT 2012			0	1	0	2	0	0	0	3	0	3





2012	A Cloud computing approach based on mobile agents for Web services discovery	Hamza S., Aicha-Nabila B., Okba K., Youssef A.		2nd International Conference on Innovative Computing Technology, INTECH 2012			2	2	3	1	1	2	1	10	0	12
2012	Agent-based approach for mobile learning using Jade-LEAP	Chouchane K., Kazar O., Aloui A.	16130073	CEUR Workshop Proceedings	867		1	0	0	0	0	0	0	0	0	1
2012	[Structure and constraints of date industry in Algeria, Structure et contraintes de la filière dattes en Algérie]	Benziouche S.E., Cheriet F.	15945685	New Medit	11	4	0	2	3	1	1	3	1	11	0	11
2012	The classification of scores from multi-classifiers for face verification	Ouamane A., Belahcene M., Benakcha A., Boumehrez M., Taleb Ahmed A.	17265479	Sensors and Transducers	145	10	2	1	1	0	2	1	0	5	0	7
2012	Duffin-Kemmer-Petiau equation in curved space-time	Falek M., Merad M.	0094243X	AIP Conference Proceedings	1444		0	1	0	0	0	0	1	2	0	2

2012	MQBM: An autonomic QoS multicast routing protocol for mobile ad hoc networks	Bitam S., Mellouk A.	15503607	IEEE International Conference on Communications			2	1	1	0	0	0	0	2	0	4
2012	Modified PSO algorithm for multi-objective optimization of the cutting parameters	Ameur T., Assas M.	09446524	Production Engineering	6	6	1	4	0	3	0	2	1	10	1	12
2012	Influence of annealing temperature on structural and optical properties of ZnO: In thin films prepared by ultrasonic spray technique	Benramache S., Benhaoua B.	07496036	Superlattices and Microstructures	52	6	25	16	14	6	7	10	0	53	0	78
2012	A bees life algorithm for cloud computing services selection	Bitam S., Batouche M., Talbi E.-G.		Multidisciplinary Computational Intelligence Techniques: Applications in Business, Engineering, and Medicine			2	0	1	0	1	0	0	2	0	4
2012	A multilevel thresholding method based on multiobjective optimization for non-supervised image segmentation	Djerou L., Khelil N., Dehimi N.E.H., Batouche M.		Multidisciplinary Computational Intelligence Techniques: Applications in Business, Engineering, and Medicine			0	0	0	0	0	1	0	1	0	1



2012	Fuzzy PI control through optimization: A new method for PI control of switched reluctance motor	Tahour A., Aissaoui A.G., Megherbi A.C.		Proceedings of 2012 International Conference on Complex Systems, ICCS 2012			0	0	1	2	1	0	0	4	0	4
2012	Relativistic spectrum of hydrogen atom in the space-time non-commutativity	Moumni M., Benslama A., Zaim S.	0094243X	AIP Conference Proceedings	1444		1	0	0	0	0	0	0	0	0	1
2012	Fuzzy logic controller for five-level shunt active power filter under distorted voltage conditions	Benaissa A., Rabhi B., Benkhoris M.F., Moussi A., Le Claire J.-C.		IECON Proceedings (Industrial Electronics Conference)			3	2	5	1	0	0	0	8	0	11
2012	Multi-layered framework for crowd microscopic simulation	Rabaa C., Foudil C.		Proceedings of 2012 International Conference on Multimedia Computing and Systems, ICMCS 2012			0	0	0	0	1	0	0	1	0	1
2012	Bandwidth impact on bee swarm routing for vehicular ad hoc networks	Bitam S.		Proceedings of 2012 International Conference on Multimedia Computing and Systems, ICMCS 2012			0	0	0	0	0	0	1	1	0	1





2012	Regularized signal deconvolution based on hybrid swarm intelligence: Application to neutron imaging	Saadi S., Bettayeb M., Guessoum A., Abdelhafidi M.K.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	7666	4	0	0	0	0	0	0	0	0	0	0
2012	Optimality conditions for partial information stochastic control problems driven by Lévy processes	Bahlali K., Khelfallah N., Mezerdi B.	01676911	Systems and Control Letters	61	11	0	0	0	1	1	0	1	3	0	3
2012	On structural analysis of interacting behavioral petri nets for distributed causal model-based diagnosis	Bennoui H., Chaoui A., Barkaoui K.	01290541	International Journal of Foundations of Computer Science	23	7	1	1	0	0	0	0	0	1	0	2
2012	Formal specification of software product lines: A graph transformation based approach	Khalifaoui K., Chaoui A., Foudil C., Kerkouch E.	1796217X	Journal of Software	7	11	2	0	0	0	0	0	0	0	0	2
2012	The rate sensitivity of the aerodynamic paramaters of the wind tubine blades to the flow losses for NACA profiles	Hadid M., Debbache M., Benchouia M.T., Brima A., Guerira B.		2nd International Symposium on Environment Friendly Energies and Applications, EFEA 2012			1	1	0	0	0	0	0	1	0	2

2012	Design of parabolic trough collector solar field for future solar thermal power plants in Algeria	Zeroual B., Moummi A.		2nd International Symposium on Environment Friendly Energies and Applications, EFEA 2012			0	0	1	1	1	1	1	5	0	5
2012	Induction motors variable speed drives diagnosis through rotor resistance monitoring	Yahia K., Zouzou S., Benchabane F.	20951701	Frontiers in Energy	6	4	0	1	1	1	0	0	0	3	0	3
2012	Experimental study of solar air flat plate collector used obstacles	Aoues K., Benchabane A., Zellouf M., Labed A., Moummi N.		6th International Conference on Thermal Engineering Theory and Applications			0	0	0	0	0	0	0	0	0	0
2012	Experimental investigation of various designs of solar dryer: Application for the drying of hot chili	Labed A., Moummi N., Benchabane A.		6th International Conference on Thermal Engineering Theory and Applications			0	1	1	0	0	0	0	2	0	2
2012	New technique for online faults diagnosis based on faulty models design: Application to DAMADICS actuator	Kourid Y., Lefebvre D., Guersi N.		2012 20th Mediterranean Conference on Control and Automation, MED 2012 - Conference Proceedings			0	0	0	0	1	0	0	1	0	1

2012	Exchange rate prediction using neural - Genetic model	Mechgoug R., Titaouine N.	18446035	Journal of Electrical and Electronics Engineering	5	2	0	0	0	0	0	0	0	0	0	0
2012	Characterization of galena surfaces and potassium isoamyl xanthate (KIAX) synthesized adsorption	Nedjar Z., Barkat D.	1735207X	Journal of the Iranian Chemical Society	9	5	0	1	0	0	0	0	0	1	0	1
2012	Composing activity aspect diagrams using graph transformation approach	Khenouf F., Hettab A., Chaoui A., Babahenini M.C.		2012 2nd International Conference on Digital Information Processing and Communications, ICDIPC 2012			0	0	0	0	0	0	0	0	0	0
2012	Influence of substrate temperature and Cobalt concentration on structural and optical properties of ZnO thin films prepared by Ultrasonic spray technique	Benramache S., Benhaoua B.	07496036	Superlattices and Microstructures	52	4	27	14	10	7	8	7	1	47	0	74
2012	N-ferrocenylmethyl-2-nitroaniline	Rahim O., Khelef A., Terki B., Mahboub M.S., Lanez T.	16005368	Acta Crystallographica Section E: Structure Reports Online	68	10	0	1	0	1	0	0	0	2	1	3

2012	Migrating component-based web applications to web services: Towards considering a "web interface as a service"	Tibermacine C., Kerdoudi M.L.		Proceedings - 2012 IEEE 19th International Conference on Web Services, ICWS 2012			2	0	1	0	0	0	0	1	0	3
2012	DWT based-approach for color image compression using genetic algorithm	Boucetta A., Melkemi K.E.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	7340		0	0	2	1	2	2	1	8	1	9
2012	Spectrum of hydrogen atom in space-time non-commutativity	Moumni M., BenSlama A., Zaim S.	22236589	African Review of Physics	7		2	1	1	0	1	0	0	3	0	5
2012	The relaxed optimal control problem of forward-backward stochastic doubly systems with Poisson jumps and its application to LQ problem	Chala A.	09266364	Random Operators and Stochastic Equations	20	3	3	2	0	0	0	0	0	2	0	5
2012	Sensorless fuzzy sliding mode control for permanent magnet synchronous motor fed by AC/DC/AC converter	Benchabane F., Titaouine A., Bennis O., Yahia K., Taibi D.	09756809	International Journal of Systems Assurance Engineering and Management	3	3	2	0	2	1	1	1	0	5	0	7



2012	Influence of addition dune sand powder to cement, on the properties physical-mechanical and deformability of concrete	Guettala S., Mezghiche B., Mellas M.	15630854	Asian Journal of Civil Engineering	13	6	0	0	0	1	1	1	0	3	0	3
2012	Promising future for P.K. Weirs	Lemperiere F., Vigny J.-P., Ouamane A.	13522523	International Journal on Hydropower and Dams	19	2	0	0	0	0	0	0	0	0	0	0
2012	Bearing Capacity of Shallow Foundation on Two Clay Layers by Numerical Approach	Benmebarek S., Benmoussa S., Belounar L., Benmebarek N.	09603182	Geotechnical and Geological Engineering	30	4	0	1	1	0	0	2	2	6	0	6
2012	Effect of pulling rate on bubbles distribution in sapphire crystals grown by the micropulling down ( $\mu$ -PD) technique	Ghezal E.A., Li H., Nehari A., Alombert-Goget G., Brenier A., Lebbou K., Joubert M.F., Soltani M.T.	15287483	Crystal Growth and Design	12	8	5	1	4	2	2	2	0	11	0	16
2012	Multi objective ORPF using PSO with time varying acceleration considering TCSC	Mancer N., Mahdad B., Srairi K., Hamed M.		2012 11th International Conference on Environment and Electrical Engineering, EEEIC 2012 - Conference Proceedings			1	3	0	0	1	1	0	5	0	6

2012	Solving combined economic emission dispatch problem using time varying acceleration based PSO	Hamed M., Mahdad B., Srairi K., Mancner N.		2012 11th International Conference on Environment and Electrical Engineering, IEEEIC 2012 - Conference Proceedings			0	2	2	0	0	0	0	4	0	4
2012	Combining the stereovision and visual hull methods for increasing the 3D reconstruction speed	Djaber R.		2012 International Conference on Information Technology and e-Services, ICITeS 2012			0	0	0	0	0	0	0	0	0	0
2012	3D finite volume modeling of ENDE using electromagnetic T-formulation	Li Y., Berthiau G., Feliachi M., Cheriet A.	1687725X	Journal of Sensors	2012		0	0	0	0	2	1	0	3	0	3
2012	Intelligent systems based on reinforcement learning and fuzzy logic approaches, "application to mobile robotic"	Cherroun L., Boumehraz M.		2012 International Conference on Information Technology and e-Services, ICITeS 2012			1	1	0	0	0	0	3	4	0	5
2012	Identification of faces by multimodal information fusion of depth and color	Ouamane A., Belahcene M., Benakcha A., Boumehrez M., Taleb Ahmed A.	17265479	Sensors and Transducers	140	5	2	2	0	0	0	0	0	2	0	4

2012	[Open porosity of the concrete cover zone: Correlation between compressive strength and initial absorption, La porosité ouverte du béton d'enrobage: corrélation entre la résistance à la compression et l'absorption initiale]	Rabehi M., Guettala S., Mezghiche B.	19648189	European Journal of Environmental and Civil Engineering	16	6	1	1	0	0	0	1	0	2	0	3
2012	Optical properties of Co doped (80-x)Sb<sup>2</sup>/O<sup>3</sup>-20Na<sup>2</sup>/O-xWO<sup>3</sup> (x% mol of WO<sup>3</sup>) glasses	Petkova P., Soltani M., Petkov S., Nedkov V.	13101331	Comptes Rendus de L'Academie Bulgare des Sciences	65	6	1	1	0	0	0	0	0	1	0	2
2012	Experimental investigation of various designs of solar flat plate collectors: Application for the drying of green chili	Labed A., Moumni N., Benchabane A.	19417012	Journal of Renewable and Sustainable Energy	4	4	0	2	1	3	1	1	0	8	0	8
2012	A semiparametric estimation of copula models based on the method of moments	Brahimi B., Necir A.	15723127	Statistical Methodology	9	4	2	2	1	2	1	2	1	9	0	11
2012	Socio-economic stakes and perceptions of wetland management in an arid region: A case study from Chott Merouane, Algeria	Demnati F., Allache F., Ernoul L., Samraoui B.	00447447	Ambio	41	5	1	0	1	2	0	2	1	6	0	7



2012	Minor hysteresis loops model based on exponential parameters scaling of the modified Jiles-Atherton model	Hamimid M., Mimoune S.M., Feliachi M.	09214526	Physica B: Condensed Matter	407	13	4	8	3	2	0	2	1	16	0	20
2012	Application of the harmony search algorithm to calculate the interaction parameters in liquid-liquid phase equilibrium modeling	Merzougui A., Hasseine A., Laiadi D.	03783812	Fluid Phase Equilibria	324		2	2	3	3	1	0	2	11	0	13
2012	Filippov approach in necessary conditions of optimality for singular control problem	Hafayed M., Abbas S.	13118080	International Journal of Pure and Applied Mathematics	77	5	1	0	0	0	0	0	0	0	0	1
2012	Modelling of yield and distribution coefficient in a liquid-liquid extraction: Effect of the concentration of ligand	Seyd A.H., Lanez T., Belfar M.L.	09707077	Asian Journal of Chemistry	24	10	0	0	0	1	0	1	0	2	0	2
2012	Numerical evaluation of the bearing capacity factor $N_{\gamma}'$ of ring footings	Benmebarek S., Remadna M.S., Benmebarek N., Belounar L.	0266352X	Computers and Geotechnics	44		1	1	5	5	5	9	2	27	0	28

2012	Direct field oriented control scheme for space vector modulated AC/DC/AC converter fed induction motor	Benchabane F., Titaouine A., Bennis O., Yahia K., Taibi D.	20951701	Frontiers in Energy	6	2	2	0	0	0	1	3	0	4	0	6
2012	Recharging of batteries/supercapacitors hybrid source for electric vehicles application using photovoltaic energy in a stand-alone point	Benaouadj M., Aboubou A., Becherif M., Ayad M.Y., Bahri M.		2012 1st International Conference on Renewable Energies and Vehicular Technology, REVET 2012			3	3	3	0	0	0	0	6	0	9
2012	Influence of wind penetration in the optimization of the economic dispatch	Khattara A., Aboubou A., Bahri M., Ayad M.Y., Becherif M., Wack M.		2012 1st International Conference on Renewable Energies and Vehicular Technology, REVET 2012			4	1	0	0	0	0	0	1	0	5
2012	Relativistic particle in electromagnetic fields with a generalized uncertainty principle	Merad M., Zeroual F., Falek M.	02177323	Modern Physics Letters A	27	15	1	1	0	0	0	0	0	1	0	2
2012	3D modeling of forces between magnet and HTS in a levitation system using new approach of the control volume method based on an unstructured grid	Alloui L., Bouillault F., Bernard L., Leveque J., Mimoune S.M.	09214534	Physica C: Superconductivity and its Applications	475		6	2	2	1	1	1	3	10	0	16

2012	An improved efficiency of fuzzy sliding mode control of permanent magnet synchronous motor for wind turbine generator pumping system	Benchabane F., Titaouine A., Bennis O., Guettaf A., Yahia K., Taibi D.	0003701X	Applied Solar Energy (English translation of Geliotekhnika)	48	2	0	0	0	0	1	0	0	1	0	1
2012	Visible and far-infrared spectroscopic studies of Co-doped (80-x)Sb<sup>2</sup>O<sub>3</sub>-20Na<sup>2</sup>O-xWO<sub>3</sub> glasses	Petkova P., Soltani M.T., Petkov S., Tacheva J., Nedkov V.	00318949	Physica Scripta		149	2	0	1	1	0	0	0	2	0	4
2012	On the relationship between the stochastic maximum principle and dynamic programming in singular stochastic control	Bahlali K., Chighoub F., Mezerdi B.	17442508	Stochastics	84	2-3	2	3	1	0	0	0	0	4	0	6
2012	On Maximum Principle of Near-optimality for Diffusions with Jumps, with Application to Consumption-Investment Problem	Hafayed M., Veverka P., Abbas S.	09713514	Differential Equations and Dynamical Systems	20	2	6	3	2	3	2	0	0	10	0	16
2012	An improved efficiency of fuzzy logic control of PMLDC for PV pumping system	Terki A., Moussi A., Betka A., Terki N.	0307904X	Applied Mathematical Modelling	36	3	7	4	8	6	8	7	2	35	0	42

2012	Numerical study of passive and active earth pressures of sands	Benmeddour D., Mellas M., Frank R., Mabrouki A.	0266352X	Computers and Geotechnics	40		2	10	4	5	3	8	5	35	0	37	
2012	Analysis and design of hydroformed thin-walled tubes using enhanced one-step method	Elie-Dit-Cosaque X., Chebbah M.S., Naceur H., Gakwaya A.	02683768	International Journal of Advanced Manufacturing Technology	59	5-8	4	0	0	0	2	0	0	2	0	6	
2012	A review of aphid parasitoids and their associations in Algeria (Hymenoptera: Braconidae: Aphidiinae; Hemiptera: Aphidoidea)	Laamari M., Chaouche S.T., Halimi C.W., Benferhat S., Abbas S.B., Khenissa N., Stary P.	10213589	African Entomology	20		1	1	0	2	2	2	1	1	8	0	9
2012	Broken rotor bars diagnosis in an induction motor fed from a frequency converter: Experimental research	Yahia K., Cardoso A.J.M., Zouzou S.E., Gueddidi S.	09756809	International Journal of Systems Assurance Engineering and Management	3		1	1	0	3	2	1	2	1	9	0	10
2012	Calculation of the glass cover temperature and the top heat loss coefficient for 60° vee corrugated solar collectors with single glazing	Mahboub C., Moumni N.	0038092X	Solar Energy	86		2	5	4	0	2	1	1	1	9	0	14

2012	A general optimality conditions for stochastic control problems of jump diffusions	Bahlali S., Chala A.	00954616	Applied Mathematics and Optimization	65	1	4	2	0	0	1	0	0	3	0	7
2012	An enhanced discrete Mindlin finite element model using a zigzag function	Sedira L., Ayad R., Sabhi H., Hecini M., Sakami S.	17797179	European Journal of Computational Mechanics	21	1-2	3	2	1	0	0	0	0	3	0	6
2012	S-band low noise amplifier using 1 $\mu\text{m}$ InGaAs/InAlAs/InP pHEMT	Hamaizia Z., Sengouga N., Yagoub M.C.E., Missous M.	16744926	Journal of Semiconductors	33	2	1	1	0	0	0	1	0	2	0	3
2012	A space fibre as added value in finite element modelling for optimal analysis of problems involving contact	Ghomari T., Meftah K., Ayad R., Talbi N.	17797179	European Journal of Computational Mechanics	21	1-2	3	0	0	0	1	0	1	2	0	5
2012	Fluoride and oxyfluoride glasses for optical applications	Nazabal V., Poulain M., Olivier M., Pirasteh P., Camy P., Doualan J.-L., Guy S., Djouama T., Boutarfaia A., Adam J.L.	00221139	Journal of Fluorine Chemistry	134		9	12	6	5	9	10	3	45	0	54

2012	Sliding-mode control based three-phase shunt active power filter: Simulation and experimentation	Ghamri A., Benchouia M.T., Golea A.	15325008	Electric Power Components and Systems	40	4	15	7	9	3	10	4	0	33	0	48
2012	Homotopy method to predict liquid-liquid equilibria for ternary mixtures of (water+carboxylic acid+organic solvent)	Laiadi D., Hasseine A., Merzougui A.	03783812	Fluid Phase Equilibria	313		9	2	4	3	0	1	3	13	0	22
2012	Study of glass formation in the $Sb_{2-x}O_{3-x}$ -PbO-MnO ternary system	Nouadji M., Attaf A., El Abdi R., Poulain M.	09258388	Journal of Alloys and Compounds	511	1	3	0	0	1	0	1	0	2	0	5
2012	Buckling finite element analysis of beams and frames	Bourezane M.	20780958	Lecture Notes in Engineering and Computer Science	2197		0	0	0	0	0	0	0	0	0	0
2012	Palm trees reuses as sustainable element in the Sahara. The case of Ziban, as self-sustainable urban units	Lalouani Born Bouzaher S., Alkama D.	18766102	Energy Procedia	18		0	0	0	1	0	0	0	1	0	1

2012	Impact of vegetation on thermal conditions outside, thermal modeling of urban microclimate, case study: The street of the republic, Biskra	Boukhabla M., Alkama D.	18766102	Energy Procedia	18		4	0	2	3	5	7	0	17	0	21
2012	Defect chemistry and physical properties of $\text{Ln}_{0.5}\text{Sr}_{0.5}\text{FeO}_3$ (Ln: La, Pr)	Attaoua M., Beriala S., Omari M.	13196103	Journal of Saudi Chemical Society	16	1	0	0	0	0	0	0	1	1	0	1
2012	Performance investigation of single- and double-pass solar air heaters through the use of various fin geometries	Labed A., Moummi N., Benchabane A., Aoues K., Moummi A.	14786451	International Journal of Sustainable Energy	31	6	4	3	2	2	1	0	3	11	0	15
2012	Elaboration of a MATLAB program to model axisymmetric shells	Djamal H., Bachir L., D'Mello C.A.	20780958	Lecture Notes in Engineering and Computer Science	2197		0	0	0	0	0	0	0	0	0	0
2012	Experimental study of solar hydrogen production performance by water electrolysis in the south of Algeria	Chennouf N., Settou N., Negrou B., Bouziane K., Dokkar B.	18766102	Energy Procedia	18		1	0	0	3	4	0	2	9	0	10

2012	Simulation of performance insoles plans for the development of solar field in Algeria	Mana S., Moummi N., Moummi A.	18766102	Energy Procedia	18		2	0	1	0	0	0	0	1	0	3
2012	Neural network-based adaptive sliding mode control for uncertain non-linear MIMO systems	Golea N., Debbache G., Golea A.	17466172	International Journal of Modelling, Identification and Control	16	4	11	4	1	2	0	5	1	13	0	24
2012	Study of the reaction of dissolution of sphalerite using the model of Pitzer-variation in the activity coefficient of zinc sulfate	Begar A., Djeghlal M.-E.-A., Saada A.	18651348	Lecture Notes in Business Information Processing	115		0	0	0	0	0	0	0	0	0	0
2012	Genetic diversity of high and low molecular weight glutenin subunits in Saharan bread and durum wheats from Algerian oases	Bellil I., Chekara Bouziani M., Khelifi D.	12121975	Czech Journal of Genetics and Plant Breeding	48	1	6	0	1	1	1	2	2	7	0	13
2012	Urbach's rule in undoped and Co doped (80-x)Sb <sub>2</sub> O <sub>3</sub> -20Na <sub>2</sub> O-xWO <sub>3</sub> glasses	Petkova P., Soltani M.T., Petkov S., Nedkov V.	05874246	Acta Physica Polonica A	121	1	6	0	2	0	0	0	0	2	0	8



2012	Optimization of neural predictor for air pollution	Mechgoug R., Ahmed A.T., Cherroun L.	20780958	Lecture Notes in Engineering and Computer Science	2198		0	0	0	0	0	0	0	0	0	0
2012	The Mzab foggara: An original technique for collecting the water rising	Boualem R., Achour B., Ouled Belkhir C., Baba Amar D.	14297426	Journal of Water and Land Development	16	1	0	0	3	0	4	2	0	9	0	9
2012	Parameters identification of the induction machine using a non linear parametric technique	Menacer A., Moreau S., Champenois G.	09398368	EPE Journal (European Power Electronics and Drives Journal)	22	4	0	0	0	1	0	0	0	1	0	1
2012	FDI with neural network models of faulty behaviours and fault probability evaluation: Application to DAMADICS	Kourd Y., Lefebvre D., Guersi N.	14746670	IFAC Proceedings Volumes (IFAC-PapersOnline)	45	20	0	0	0	0	1	2	0	3	0	3
2012	Gait evolution for humanoid robot in a physically simulated environment	Ouannes N., Djedi N., Duthen Y., Luga H.	1860949X	Studies in Computational Intelligence	374		2	0	0	1	1	0	0	2	0	4



2011	Thermal cycle simulation of welding process in low carbon steel	Boumerzoug Z., Raouache E., Delaunois F.	09215093	Materials Science and Engineering A	530	1	5	1	3	2	1	5	1	13	0	18
2011	A new approach to multi-class SVM learning based on OC-SVM for huge databases	Abdelhamid D., Mohamed Chaouki B., Abdelmalik T.-A.	18650929	Communications in Computer and Information Science	252	2	0	0	0	0	0	0	1	1	0	1
2011	[A modeling approach for virtual environments, Une approche de modélisation des environnements virtuels]	Bouguetitiche A., Cherif F.	16130073	CEUR Workshop Proceedings	825		0	0	0	0	0	0	0	0	0	0
2011	Modelling and simulation on direct torque control (DTC) system for electric vehicle (EV) induction motors	Arif A., Betka A., Guettaf A.	12404535	Advances in Modelling and Analysis C	66	1-2	0	0	0	0	0	0	0	0	0	0
2011	General comments on labyrinths and Piano Key Weirs: The past and present	Lemperiere F., Vigny J.-P., Ouamane A.		Labyrinth and Piano Key Weirs - Proceedings of the International Conference on Labyrinth and Piano Key Weirs, PKW 2011			20	1	2	1	1	4	4	13	0	33

2011	DWT wavelet transform for the rotor bars faults detection in induction motor	Kechida R., Menacer A.		2011 2nd International Conference on Electric Power and Energy Conversion Systems, EPECS 2011			3	0	2	4	1	2	0	9	0	12
2011	Analysis of induction motor with broken rotor bars using finite element method	Zouzou S.E., Khelif S., Halem N., Sahraoui M.		2011 2nd International Conference on Electric Power and Energy Conversion Systems, EPECS 2011			4	0	0	2	2	0	0	4	0	8
2011	Teaching English in Algeria and educational reforms : AAAAn overview on the factors entailing students failure in learning foreign languages at university	Nadia R.	18770428	Procedia - Social and Behavioral Sciences	29		0	0	0	0	2	1	0	3	0	3
2011	Effect of grain boundary misorientation on discontinuous precipitation in an AZ91 alloy	Azzeddine H., Abdessameud S., Alili B., Bumerzoug Z., Bradai D.	02504707	Bulletin of Materials Science	34	7	2	1	0	2	1	0	2	6	0	8
2011	Traditional techniques for increasing the discharge from qanats in Algeria	Remini B., Achour B., Kechad R.	01686291	Irrigation and Drainage Systems	25	4	0	0	1	0	0	1	1	3	0	3





2011	A novel multi-objective genetic algorithm optimization for Blind RGB color image watermarking	Golea N.E.-H., Melkemi K.E., Melkemi M.		Proceedings - 7th International Conference on Signal Image Technology and Internet-Based Systems, SITIS 2011			1	1	0	1	1	0	1	4	0	5
2011	Evolution of mechanical and electrical properties during annealing of the copper wire drawn	Zidani M., Messaoudi S., Baudin T., Derfouf C., Boulagroun A., Mathon M.H.	0094243X	AIP Conference Proceedings	1400		4	0	0	1	0	0	0	1	0	5
2011	Application of the Fourier and the wavelet transform for the fault detection in induction motors at the startup electromagnetic torque	Menacer A., Kechida R., Champenois G., Tnani S.		SDEMPED 2011 - 8th IEEE Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives			4	4	0	2	1	1	0	8	0	12
2011	Efficiency of the strain based approach compared to the displacement formulation for the analysis of structures	Hamadi D., Ounis A., D'Mello C.A.		Proceedings of the World Congress on Engineering 2011, WCE 2011	1		0	0	0	0	0	0	0	0	0	0
2011	Fusion by combination of scores multi-biometric systems	Belahcene M., Ouamane A., Ahmed A.T.		3rd European Workshop on Visual Information Processing, EUVIP 2011 - Final Program			4	2	0	1	0	0	0	3	0	7

2011	Topological synchronization mechanism for robust watermarking on 3D semi-regular meshes	Beddiaf A., Puech W., Babahenini M.C.	19457871	Proceedings - IEEE International Conference on Multimedia and Expo			3	1	0	0	0	0	0	1	0	4
2011	Syntactic analysis and identification of the social properties in spatial arrangements of buildings: The case of the houses called diarcharmenti in eastern hodna, Algeria	Boutabba H., Farhi A.	20653913	Theoretical and Empirical Researches in Urban Management	6	4	0	0	0	0	0	0	1	1	0	1
2011	Microclimate conditions and space use variations	Boumaraf H., Tacherift A.	1450216X	European Journal of Scientific Research	63	2	0	0	0	0	0	0	0	0	0	0
2011	Near optimality conditions in stochastic control of jump diffusion processes	Chighoub F., Mezerdi B.	01676911	Systems and Control Letters	60	11	7	3	1	1	4	0	0	9	0	16
2011	Estimating the distortion parameter of the proportional-hazard premium for heavy-tailed losses	Brahimi B., Meraghni D., Necir A., Zitakis R.	01676687	Insurance: Mathematics and Economics	49	3	2	0	1	1	0	1	1	4	0	6







2011	Liquid-liquid equilibria of {n-heptane+toluene+aniline} ternary system: Experimental data and correlation	Merzougui A., Hasseine A., Laiadi D.	03783812	Fluid Phase Equilibria	308	1-2	1	1	2	1	0	0	2	6	0	7
2011	QoS swarm bee routing protocol for vehicular ad hoc networks	Bitam S., Mellouk A.	05361486	IEEE International Conference on Communications			11	6	4	4	7	4	3	28	0	39
2011	Harmonic current compensation based on three-phase three-level shunt active filter using fuzzy logic current controller	Salim C., Benchouia M.-T., Golea A.	19750102	Journal of Electrical Engineering and Technology	6	5	7	3	5	6	2	1	1	18	0	25
2011	Processing of information gathered from hybrid or electrical vehicle for reduction of fuel consumption and gas emission	Cai S., Becherif M., Henni A., Wack M., Aboubou A.	17439310	Mediterranean Journal of Measurement and Control	7	2	2	1	1	1	0	0	0	3	0	5
2011	L-systems and artificial chemistry to develop digital organisms	Djezzar N., Djedi N., Cussat-Blanc S., Luga H., Duthen Y.		IEEE SSCI 2011 - Symposium Series on Computational Intelligence - IEEE ALIFE 2011: 2011 IEEE Symposium on Artificial Life			1	0	0	0	0	1	0	1	0	2

2011	Texture mapping approach for transforming arbitrary topology meshes to subdivision connectivity ones	Beddiaf A., Babahenini M.C., Puech W.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	0	0	0	0	0	0	0
2011	Bio-inspired artificial creatures for populating virtual worlds	Djezzar N., Djedi N., Cussat-Blanc S., Luga H., Duthen Y.		International Conference on Multimedia Computing and Systems - Proceedings			0	0	0	0	0	0	0	0	0	0
2011	QoS swarm bee routing protocol for wireless sensor networks	Bitam S., Mellouk A.		Proceedings of the 10th International Symposium on Programming and Systems, ISPS' 2011			1	0	0	0	0	0	0	0	0	1
2011	Interactive free form deformer for point-based objects by GPU acceleration	Beddiaf A., Babahenini M.C., Puech W.		Proceedings of the 10th International Symposium on Programming and Systems, ISPS' 2011			0	0	0	0	0	0	0	0	0	0
2011	Microhardness and corrosion behavior of Ni-SiC electrodeposited coatings in presence of organic additives	Temam H.B., Chala A., Rahmane S.	02578972	Surface and Coatings Technology	205	2	5	4	1	1	1	0	2	9	0	14



2011	Thermal performance improvement of solar air flat plate collector: A theoretical analysis and an experimental study in Biskra, Algeria	Aoucs K., Moummi N., Zellouf M., Benchabane A.	01430750	International Journal of Ambient Energy	32	2	3	4	2	2	2	0	2	12	0	15
2011	A numerical study of the phenomena of heat transfer in plane air solar collectors	Moummi N., Mahboub C., Moummi A., Aoues K., Ali S.Y.	14786451	International Journal of Sustainable Energy	30	3	0	1	0	0	0	1	0	2	0	2
2011	Electrical and dielectric properties of glass system $\text{NaPO}_3$ - $\text{KHSO}_4$	Labas V., Poulain M., Kubliha M., Minarik S., Chaguetmi S., Psota J., Trnovcova V.	00223093	Journal of Non-Crystalline Solids	357	11-13	1	0	0	0	0	0	0	0	0	1
2011	Learning system for defactorization factor classification of factorized data dependence graph	Saouli R., Akil M., Grandpierre T.	20058039	International Journal of Advancements in Computing Technology	3	4	3	0	0	0	0	0	0	0	0	3
2011	Existence of optimal controls for systems driven by FBSDEs	Bahlali K., Gherbal B., Mezerdi B.	01676911	Systems and Control Letters	60	5	6	1	1	2	3	3	2	12	0	18

2011	Effect of the angle of attack on the wind convection coefficient	Mahboub C., Moummi N., Moummi A., Youcef-Ali S.	0038092X	Solar Energy	85	5	2	0	0	1	0	2	0	3	0	5
2011	[Incidence of Listeria spp. and other psychrotrophic bacteria in raw bovine milk in the North East of Algeria, Incidence de Listeria spp. et autres bactéries psychrotrophes dans le lait cru bovin dans le Nord Est Algérien]	Boubendir A., Hamidechi M.A., Mostakim M., Abed S.E.L., Ibensouda Koraichi S.	00351555	Revue de Medecine Veterinaire	162	5	0	0	1	0	1	0	0	2	0	2
2011	Estimation of Coalescence Parameters in an Agitated Extraction Column Using a Hybrid Algorithm	Kabouche A., Meniai A.H., Hasseine A.	09307516	Chemical Engineering and Technology	34	5	3	0	1	0	0	0	1	2	0	5
2011	Microstructural characterization and recrystallization kinetics of cold rolled copper	Benchabane G., Boumerzoug Z., Gloriant T., Thibon I.	09214526	Physica B: Condensed Matter	406	10	2	1	2	2	1	2	2	10	0	12
2011	Direct field oriented control of induction motor fed by wind turbine generator under saturation effect	Guettaf A., Bettka A., Bennis O., Benchabane F., Yahia K., Arif A.	17439310	Mediterranean Journal of Measurement and Control	7	1	4	0	0	0	0	0	1	1	0	5

2011	Systematic fuzzy sliding mode approach combined with extended kalman filter for permanent magnet synchronous motor control	Benchabane F., Titaouine A., Bennis O., Yahia K., Taibi D.	17439310	Mediterranean Journal of Measurement and Control	7	1	5	0	1	0	0	0	0	0	1	0	6
2011	Properties of polypropylene/(natural rubber)/organomontmorillonite nanocomposites prepared by melt blending	Bendjaouahdou C., Bensaad S.	10835601	Journal of Vinyl and Additive Technology	17	1	3	1	1	2	3	1	2	10	0	13	
2011	Compressive strength and hydration with age of cement pastes containing dune sand powder	Guettala S., Mezghiche B.	09500618	Construction and Building Materials	25	3	15	4	5	6	4	4	5	28	0	43	
2011	Geometric and electronic structure of isoxazole and isothiazole derivatives by PM3 and density functional theory	Abdelmalek O., Belaidi S., Mellaoui M., Mazri R.	09707077	Asian Journal of Chemistry	23	3	2	0	0	0	1	0	0	1	0	3	
2011	Synergistic extraction of copper(II) from sulfate medium with capric acid and tri-n-octylphosphine oxide in chloroform	Adjel F., Barkat D.	00958972	Journal of Coordination Chemistry	64	4	2	0	2	1	0	1	2	6	0	8	







2011	Sliding mode control of permanent magnet synchronous motor fed by wind turbine generator taking saturation effect into account	Benchabane F., Titaouine A., Bennis O., Guettaf A., Yahia K., Taibi D.		International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2011 and Electromotion 2011 Joint Conference			1	0	0	0	0	0	0	0	0	1
2011	Adaptive nonlinear control combined with unscented Kalman filter for permanent magnet synchronous motor fed by AC/DC/AC converter	Titaouine A., Taibi D., Bennis O., Benchabane F., Boumaraf R., Yahia K.		International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2011 and Electromotion 2011 Joint Conference			1	1	0	0	0	0	0	1	0	2
2011	Shunt active filter using intelligent controllers based on three-level (NPC) inverter to compensate current harmonics	Chennai S., Benchouia M.T.	15824594	Journal of Electrical Engineering	11	4	1	0	0	1	0	0	0	1	0	2
2011	Study of optimization of the Piano key weir	Noui A., Ouamane A.		Labyrinth and Piano Key Weirs - Proceedings of the International Conference on Labyrinth and Piano Key Weirs, PKW 2011			0	0	1	0	0	1	0	2	0	2
2011	Intelligent controllers for shunt active filter to compensate current harmonics based on SRF and SCR control strategies	Salim C., Toufik B.M.	20856830	International Journal on Electrical Engineering and Informatics	3	3	8	2	2	1	0	1	0	6	0	14



2011	LLE for the extraction of alcohol from aqueous solutions with diethyl ether and dichloromethane at 293.15K, parameter estimation using a hybrid genetic based approach	Merzougui A., Hasseine A., Kabouche A., Korichi M.	03783812	Fluid Phase Equilibria	309	2	13	4	7	5	3	0	3	22	0	35
2011	A 0.4 dB noise figure wideband low-noise amplifier using a novel InGaAs/InAlAs/InP device	Hamaizia Z., Sengouga N., Missous M., Yagoub M.C.E.	13698001	Materials Science in Semiconductor Processing	14	2	2	0	1	1	0	1	0	3	0	5
2011	[Effects of the physiological stage on some blood biochemical parameters in Ouled Djellal ewes from arid South East Algeria, Influence du stade physiologique sur divers paramètres biochimiques sanguins chez la brebis Ouled Djellal des zones arides du Sud-Est algérien]	Deghnouche K., Tlidjane M., Meziane T., Touabti A.	00351555	Revue de Medecine Veterinaire	162	1	0	1	4	0	1	0	1	7	0	7
2011	Residual modal energy evaluating of fatigue damaged composite structure	Amrane M.N., Sidoroff F.	13921207	Mechanika	17	1	4	0	1	0	1	0	0	2	0	6
2011	Renewable materials to reduce building heat loss: Characterization of date palm wood	Agoudjil B., Benchabane A., Boudenne A., Ibos L., Fois M.	03787788	Energy and Buildings	43	2-3	24	8	11	20	26	30	15	110	0	134



2010	Neuro-fuzzy approach for default diagnosis: Application to the DAMADICS	Kourid Y., Guersi N., Lefebvre D.		4th IEEE International Conference on Digital Ecosystems and Technologies - Conference Proceedings of IEEE-DEST 2010, DEST 2010			1	2	1	0	0	1	0	4	0	5
2010	FDI with neural and neurofuzzy approaches: Application to damadics	Kourid Y., Guersi N., Lefebvre D.		ICINCO 2010 - Proceedings of the 7th International Conference on Informatics in Control, Automation and Robotics	2		0	0	0	0	0	0	0	0	0	0
2010	Sensorless control strategy for permanent magnet synchronous motor fed by AC/DC/AC converter	Benchabane F., Titaouine A., Bennis O., Yahia K., Taibi D.		19th International Conference on Electrical Machines, ICEM 2010			7	0	1	0	0	0	0	1	0	8
2010	The effect of the temperature on the mechanisms of the discontinuous dissolution in Cu-4,6 at. % in alloy	Bensaada S., Bouziane M.T.	19708734	International Review of Mechanical Engineering	4	5	0	0	0	0	0	0	0	0	0	0
2010	Estimating L -functionals for heavy-tailed distributions and application	Necir A., Meraghni D.	1687952X	Journal of Probability and Statistics			6	0	1	0	0	0	0	1	0	7

2010	Fuzzy controlled parallel PSO to solving large practical economic dispatch	Mahdad B., Srairi K., Bouktir T., Benbouzid M.E.		2010 IEEE International Energy Conference and Exhibition, EnergyCon 2010			0	1	0	1	0	0	0	2	0	2
2010	Necessary and sufficient conditions of optimality for optimal control problems of forward and backward systems	Bahlali S.	0040585X	Theory of Probability and its Applications	54	4	0	0	0	0	1	0	0	1	0	1
2010	Fuzzy controlled parallel PSO to solving large practical economic dispatch	Mahdad B., Srairi K., Bouktir T., Benbouzid M.E.L.		IECON Proceedings (Industrial Electronics Conference)			1	1	0	1	0	0	0	2	0	3
2010	Solvent extraction of copper(II) from sulfate medium with N-(2-hydroxybenzylidene)aniline	Aidi A., Barkat D.	00958972	Journal of Coordination Chemistry	63	23	3	0	1	2	0	0	1	4	0	7
2010	On the functional variable method for finding exact solutions to a class of wave equations	Zerarka A., Ouamane S., Attaf A.	00963003	Applied Mathematics and Computation	217	7	18	7	6	6	6	2	2	29	1	48



2010	Fault detection of broken rotor bars using stator current spectrum for the direct torque control induction motor	Kechida R., Menacer A., Benakcha A.	2010376X	World Academy of Science, Engineering and Technology	42		0	0	0	1	1	0	1	3	0	3
2010	POT-based estimation of the renewal function of interoccurrence times of heavy-tailed risks	Necir A., Rassoul A., Meraghni D.	1687952X	Journal of Probability and Statistics			0	1	0	0	0	0	0	1	0	1
2010	Presentation of an efficient parallelepiped finite element based on the strain approach "SBP8C"	Hamadi D., Maalem T.		WCE 2010 - World Congress on Engineering 2010	3		1	0	0	0	0	0	0	0	0	1
2010	Application of AC/DC/AC converter for sensorless nonlinear control of permanent magnet synchronous motor	Titaouinen A., Benchabane F., Bennis O., Yahia K., Taibi D.	1062922X	Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics			7	0	0	0	0	0	0	0	0	7
2010	Systematic fuzzy sliding mode approach combined with extended Kalman filter for permanent magnet synchronous motor control	Benchabane F., Titaouine A., Bennis O., Yahia K., Taibi D.	1062922X	Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics			6	0	0	1	0	0	0	1	0	7





2010	[Tridimensional modeling of the electromagnetic and the thermal phenomena coupled in the superconductors, Modélisation 3d des phénomènes électromagnétiques et thermiques couplés dans les matériaux supraconducteurs]	Alloui L., Bouillault F., Mimoune S.M.	21033641	European Journal of Electrical Engineering	13	3	0	0	0	0	0	0	0	0	0	0	0
2010	Application of the convolution theorem for the modeling of saturated induction motors	Ghoggal A., Zouzou S.E., Razik H., Sahraoui M., Hadri-Hamida A.		IECON Proceedings (Industrial Electronics Conference)			4	0	0	0	0	1	1	2	0	6	
2010	Actuarial and financial risks: Models, statistical inference, and case studies	Zitikis R., Furman E., Necir A., Neslehova J., Puri M.L.	1687952X	Journal of Probability and Statistics			0	0	0	0	0	0	0	0	0	0	
2010	Design and implementation of an electric differential for traction application	Haddoun A., Benbouzid M.E.H., Diallo D., Abdessemed R., Ghoulli J., Srairi K.		2010 IEEE Vehicle Power and Propulsion Conference, VPPC 2010			2	1	1	0	3	2	0	7	0	9	
2010	Modeling and analysis of reconfigurable systems using flexible Petri nets	Kahloul L., Chaoui A., Djouani K.		Proceedings - 2010 4th International Symposium on Theoretical Aspects of Software Engineering, TASE 2010			3	1	0	1	0	0	0	2	0	5	

2010	From web components to web services: Opening development for third parties	Tibermacine C., Kerdoudi M.L.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	6285		1	1	0	0	0	0	0	0	1	0	2
2010	Parameter identification of induction motors using variable-weighted cost function of genetic algorithms	Megherbi A.C., Megherbi H., Benmahamed K., Aissaoui A.G., Tahour A.	19750102	Journal of Electrical Engineering and Technology	5	4	3	1	1	2	3	1	2	10	0	13	
2010	Power and pressure effects upon magnetron sputtered aluminum doped ZnO films properties	Rahmane S., Djouadi M.A., Aida M.S., Barreau N., Abdallah B., Hadj Zoubir N.	00406090	Thin Solid Films	519	1	24	8	6	3	6	6	6	35	0	59	
2010	Influence of plastic deformation on occurrence of discontinuous precipitation reaction in Ni-3 at% in alloy	Fatmi M., Boumerzoug Z.	09214526	Physica B: Condensed Matter	405	19	3	0	0	1	0	0	1	2	0	5	
2010	The effect of carboxymethylcellulose and xanthan on the rheology of bentonite suspensions	Benyounes K., Mellak A., Benchabane A.	15567036	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	32	17	9	2	1	2	6	5	5	21	0	30	

2010	Erratum to: 'Statistical estimate of the proportional hazard premium of loss'	Necir A., Brahim B., Meraghni D.	03461238	Scandinavian Actuarial Journal		3	1	0	0	0	0	0	0	0	0	0	1
2010	Modeling and verification of RBAC security policies using colored petri nets and CPN-tool	Kahloul L., Djouani K., Tfaili W., Chaoui A., Amirat Y.	18650929	Communications in Computer and Information Science	88	2	2	0	0	0	1	0	1	2	0	4	
2010	Optimality conditions of controlled backward doubly stochastic differential equations	Bahlali S., Gherbal B.	09266364	Random Operators and Stochastic Equations	18	3	5	2	1	1	0	1	4	9	0	14	
2010	A comparative study on performance improvement of a photovoltaic pumping system	Betka A., Moussi A.	11125209	Journal of Electrical Systems	6	3	3	0	0	1	0	0	0	1	0	4	
2010	Existence and optimality conditions in stochastic control of linear BSDEs	Bahlali K., Gherbal B., Mezerdi B.	09266364	Random Operators and Stochastic Equations	18	3	3	1	1	1	0	0	0	3	0	6	

2010	[Analysis of impact of agricultural policies on the production of dates in Algeria by the Policy Analysis Matrix (MAP), L'analyse de l'impact des politiques agricoles sur la production des dattes en Algérie par la Matrice D'analyse des Politiques (MAP)]	Eddine B.S.	14502887	International Research Journal of Finance and Economics	44		2	0	0	0	0	0	0	0	0	2
2010	Modeling and analysis of reconfigurable systems using flexible nets	Kahloul L., Chaoui A., Djouani K.	18650929	Communications in Computer and Information Science	87	1	0	0	0	0	0	0	0	0	0	0
2010	Filippov approach in stochastic maximum principle without differentiability assumptions	Hafayed M.	10726691	Electronic Journal of Differential Equations	2010		2	0	0	0	0	0	0	0	0	2
2010	Computation of lightning electromagnetic field in the presence of a tall tower with the HYBRID method	M'ziou N., Mokhnache L., Boubakeur A., Azzouz Z., Kattan R.	03321649	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	29	4	0	0	0	0	1	2	0	3	0	3
2010	The Al <sup>x</sup> Ga <sup>1-x</sup> As window composition effect on the hardness improvement of a p <sup>+</sup> n-n <sup>+</sup> GaAs solar cell exposed to the electron irradiation	Meftah AF., Meftah AM., Sengouga N., Khelifi S.	01968904	Energy Conversion and Management	51	8	3	0	1	0	1	0	0	2	0	5

2010	Systematic forecasts of solar collector's performance in various sites of different climates in Algeria	Moummi N., Moummi A., Aoues K., Mahboub C., Youcef-Ali S.	14786451	International Journal of Sustainable Energy	29	3	5	3	1	0	0	0	0	0	4	0	9
2010	Improved parallel PSO solution to economic dispatch with practical generator constraints	Mahdad B., Srairi K., Bouktir T.		Proceedings of the Mediterranean Electrotechnical Conference - MELECON			2	0	1	0	1	0	0	0	2	0	4
2010	A survey on bee colony algorithms	Bitam S., Batouche M., Talbi E.-G.		Proceedings of the 2010 IEEE International Symposium on Parallel and Distributed Processing, Workshops and Phd Forum, IPDPSW 2010			24	8	7	3	1	2	4	25	0	49	
2010	Optimization of a photovoltaic pumping system based on the optimal control theory	Betka A., Attali A.	0038092X	Solar Energy	84	7	9	5	10	4	7	4	3	33	0	42	
2010	An SVM based system for automatic dates sorting	Abdelhamid D., Chaouki B.M., Abdelmalik T.A.	18286003	International Review on Computers and Software	5	4	5	0	0	0	1	0	0	1	0	6	



2010	Passivity-Based Control applied to DC hybrid power source using fuel cell and supercapacitors	Ayad M.Y., Becherif M., Henni A., Aboubou A., Wack M., Laghrouche S.	01968904	Energy Conversion and Management	51	7	26	10	5	5	11	3	2	36	1	63
2010	Dynamic strategy based fast decomposed GA coordinated with FACTS devices to enhance the optimal power flow	Mahdad B., Bouktir T., Srairi K., EL Benbouzid M.	01968904	Energy Conversion and Management	51	7	10	4	4	2	1	1	1	13	0	23
2010	Stochastic controls of backward systems	Bahlali S.	09266364	Random Operators and Stochastic Equations	18	2	4	0	0	0	0	0	0	0	0	4
2010	Fault detection of broken rotor bars using stator current spectrum for the direct torque control induction motor	Kechida R., Menacer A., Benakcha A.	2010376X	World Academy of Science, Engineering and Technology	66		4	0	0	0	0	0	0	0	0	4
2010	Numerical study of the bearing capacity for two interfering strip footings on sands	Mabrouki A., Benmeddour D., Frank R., Mellas M.	0266352X	Computers and Geotechnics	37	4	12	4	2	8	11	16	16	57	0	69

2010	Optimal power flow for large-scale power system with shunt FACTS using efficient parallel GA	Mahdad B., Srairi K., Bouktir T.	01420615	International Journal of Electrical Power and Energy Systems	32	5	29	7	8	1	5	5	1	27	0	56
2010	Intensity dependence of quantum efficiency and photo-gating effects in thin film silicon solar cells	Reynolds S., Main C., Smirnov V., Meftah A.	18626351	Physica Status Solidi (C) Current Topics in Solid State Physics	7	3-4	2	0	2	1	0	0	0	3	0	5
2010	Design of a wideband low noise amplifier for radio-astronomy applications	Hamaizia Z., Sengouga N., Missous M., Yagoub E.	17480221	Journal of Instrumentation	5	4	7	0	0	1	0	0	0	1	0	8
2010	Application of the functional variable method to a class of nonlinear wave equations	Zerarka A., Ouamane S.	17467233	World Journal of Modelling and Simulation	6	2	13	4	1	3	1	2	2	13	1	27
2010	A new approach based in mean and standard deviation for authentication system of face	Fedias M., Saigaa D.	18286003	International Review on Computers and Software	5	3	1	0	0	0	0	1	0	1	0	2

2010	A tool for the design and verification of a supervisory controller for distributed manufacturing process	Chaoui A., Meliouh A., Kerkouche E.	13494198	International Journal of Innovative Computing, Information and Control	6	5	5	0	0	0	0	0	0	0	0	0	5
2010	Effects of the metal center and substituting groups on the linear and nonlinear optical properties of substituted styryl-bipyridine metal(II) dichloride complexes: DFT and TDDFT computational investigations and harmonic light scattering measurements	Baccouche A., Peigne B., Ibersiene F., Hammoutene D., Boutarfaa A., Boucekkine A., Feuvrie C., Maury O., Ledoux I., Le Bozec H.	10895639	Journal of Physical Chemistry A	114	16	19	2	1	3	3	0	0	9	0	28	
2010	Modified Jiles-Atherton model and parameters identification using false position method	Hamimid M., Feliachi M., Mimoune S.M.	09214526	Physica B: Condensed Matter	405	8	10	6	0	1	3	2	0	12	0	22	
2010	Adding finely crushed dune sand to cement on the evolution of hydration of pasta Portland cement	Guetta S., Mezghiche B., Mellas M.	15630854	Asian Journal of Civil Engineering	11	2	2	0	1	2	0	0	1	4	0	6	
2010	Geospatial web services semantic discovery approach using quality	Khaled R., Tayeb L.M., Servigne S.	19759320	Journal of Convergence Information Technology	5	2	10	1	1	1	0	0	0	3	0	13	



2010	A scalable and efficient query answering for a context and schema mediation	Saber B., Okba K.	19759320	Journal of Convergence Information Technology	5	1	4	0	0	0	0	0	0	0	0	0	4
2010	Rapid coupling optimization method for a tube hydroforming process	Chebbah M.S., Naceur H., Hecini M.	09544054	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	224	2	4	2	1	1	1	0	0	5	0	9	
2010	Deformation textures in wire drawn perlitic steel	Zidani M., Messaoudi S., Baudin T., Solas D., Mathon M.H.	19606206	International Journal of Material Forming	3	1	13	1	2	3	3	2	1	12	0	25	
2010	Image processing function with measurement of the spinal column by interferometry laser experimental biomedical with observations	Ferhat M., Said B., Belgacem Z.	19749821	International Review on Modelling and Simulations	3	6	1	0	0	0	0	0	0	0	0	1	
2010	Fuzzy distributed genetic approaches for image segmentation	Melkemi K.E., Fougou S.	13301136	Journal of Computing and Information Technology	18	3	0	0	0	1	0	0	0	1	0	1	



2010	A new method to detect inter-turn short-circuit in induction motors	Sahraoui M., Zouzou S.E., Ghoggal A., Guedidi S.		19th International Conference on Electrical Machines, ICEM 2010			4	1	5	2	0	0	1	9	0	13
2010	Detection of inter-turn short-circuit and broken rotor bars in induction motors using the partial relative indexes: Application on the MCSA	Zouzou S.E., Sahraoui M., Ghoggal A., Guedidi S.		19th International Conference on Electrical Machines, ICEM 2010			3	0	1	1	1	1	2	6	0	9
2010	[The foggara in Algeria: A hydraulic world heritage, La foggara en Algérie : Un patrimoine hydraulique mondial]	Remini B., Achour B., Kechad R.	09927158	Revue des Sciences de l'Eau	23	2	0	1	3	1	1	3	2	11	0	11
2010	A Mindlin multilayered hybrid-mixed approach for laminated and sandwich structures without shear correction factors	Tafila A., Ayad R., Sedira L.	17797179	European Journal of Computational Mechanics	19	8	1	0	1	0	0	0	1	2	0	3
2010	Numerical simulation of the entropy generation in a fluid in forced convection on a plane surface while using the method of Runge-Kutta	Rezaiguia I., Mahfoud K., Kamel T., Belghar N., Saouli S.	1450216X	European Journal of Scientific Research	42	4	1	1	0	1	0	1	0	3	0	4

2010	A 0.4 dB noise figure wideband low-noise amplifier using a novel InGaAs/InAlAs/InP device	Hamaizia Z., Sengouga N., Missous M., Yagoub M.C.E.	17924324	International Conference on Circuits, Systems and Signals - Proceedings			0	0	0	0	0	0	0	0	0	0
2010	Existence of an optimal control for stochastic control systems with nonlinear cost functional	Buckdahn R., Labeled B., Rainer C., Tamer L.	17442508	Stochastics	82	3	5	0	1	4	3	1	0	9	0	14
2010	Economic power dispatch with discontinuous fuel cost functions using improved parallel PSO	Mamad B., Bouktir T., Srairi K., Benbouzid M.El.	19750102	Journal of Electrical Engineering and Technology	5	1	1	0	0	0	0	0	0	0	0	1
2010	Rétro-analyse tridimensionnelle d'une excavation profonde multisupportée instrumentée	Houhou M.N., Emeriault F., Kastner R., Benmebarek S.	19648189	European Journal of Environmental and Civil Engineering	14	1	0	0	1	2	0	1	0	4	0	4
2009	Dynamic strategy based parallel GA coordinated with FACTS devices to enhance the power system security	Mahdad B., Srairi K., Bouktir T.		2009 IEEE Power and Energy Society General Meeting, PES '09			1	0	0	0	1	1	0	2	0	3





2009	The use of the direct control of stator flux and kalman filter for the direct torque control of induction machine	Menacer A., Benakcha A., Messaoudi B.	11125209	Journal of Electrical Systems	5	1	4	0	0	0	0	0	0	0	0	4
2009	A fuzzy logic approach for the diagnosis of rotor faults in squirrel cage induction motors	Zouzou S.E., Laala W., Guedidi S., Sahraoui M.		2009 International Conference on Computer and Electrical Engineering, ICCEE 2009	2		6	0	2	1	1	0	0	4	0	10
2009	[Effect of a coupling preoxidation by KMn4/postchlorination on aquatic humic substances reactivity, Effet d'un couplage preoxydation au kMnO4/post chloration sur la reactivite de substances humiques aquatiques]	Achour S., Guergazi S.	11143800	Physical and Chemical News	48		0	0	0	0	0	0	0	0	0	0
2009	PNTTools: A multi-language environment to integrate petri nets tools	Chaoui A., Hadjadj I.	21597030	Proceedings of the International Conference on Computer Science and its Applications			0	0	0	0	0	0	0	0	0	0
2009	Connecting impact of the PV mini-power on voltage and load of LV network	Kadri A.Y., Hamidat A.	11125209	Journal of Electrical Systems	5	1	0	0	0	0	0	1	0	1	0	1







2009	Model-based diagnostic using model checking	Bourahla M.		Proceedings of 2009 4th International Conference on Dependability of Computer Systems, DepCos-RELCOMEX 2009			0	0	0	1	0	0	0	1	0	1
2009	Numerical simulation of the effect of the Al molar fraction and thickness of an Al <sub>x</sub> Ga <sub>1-x</sub> As window on the sensitivity of a p-n GaAs solar cell to 1 MeV electron irradiation	Meftah A.F., Sengouga N., Meftah A.M., Khelifi S.	09601481	Renewable Energy	34	11	5	0	1	0	1	0	0	2	0	7
2009	Detailed numerical simulation of the effect of defects created by electron irradiation on the performance degradation of a p-n GaAs solar cell	Meftah A.F., Sengouga N., Meftah A.M., Belghachi A.	09601481	Renewable Energy	34	11	2	0	1	0	0	0	0	1	0	3
2009	Improvement of Gregory's formula using Particle Swarm Optimization	Khelil N., Djerou L., Zerarka A., Batouche M.	2010376X	World Academy of Science, Engineering and Technology	58		2	0	0	0	0	0	0	0	0	2
2009	One barrier reflected backward doubly stochastic differential equations with continuous generator	Bahlali K., Hassani M., Mansouri B., Mrhardy N.	1631073X	Comptes Rendus Mathematique	347	19-20	7	1	0	1	0	2	1	5	0	12

2009	Feeding preferences of gregarious nymphs and adults of the desert locust, <i>Schistocerca gregaria</i> forskal (Orthoptera, Cyrtacanthacridinae) in different habitats at Biskra oasis, Algeria	Tarai N., Doumandji S.	19950756	Advances in Environmental Biology	3	3	0	0	0	0	0	0	0	0	0	0
2009	Diffraction by a defect in an open waveguide: A Mathematical analysis based on a modal radiation condition	Bonnet-Ben Dhia A.-S., Dakhia G., Hazard C., Chorfi L.	00361399	SIAM Journal on Applied Mathematics	70	3	7	1	3	2	3	0	1	10	0	17
2009	Empirical estimation of the proportional hazard premium for heavy-tailed claim amounts	Necir A., Meraghni D.	01676687	Insurance: Mathematics and Economics	45	1	9	2	1	3	2	1	0	9	0	18
2009	Effect of heat treatments on discontinuous precipitation kinetics in Al-30 wt.% Zn alloy	Boumerzoug Z., Fatmi M.	10445803	Materials Characterization	60	8	8	1	1	2	1	3	0	8	0	16
2009	Rheological characterization of poly(ethylene oxide) solutions of different molecular weights	Ebagninin K.W., Benchabane A., Bekkour K.	00219797	Journal of Colloid and Interface Science	336	1	28	4	7	8	13	11	8	51	0	79







2009	An improved model of induction motors for diagnosis purposes - Slot skewing effect and air-gap eccentricity faults	Ghoggal A., Zouzou S.E., Razik H., Sahraoui M., Khezzar A.	01968904	Energy Conversion and Management	50	5	20	9	5	4	5	4	4	31	0	51
2009	The influence of hopping on modulated photoconductivity	Longeaud C., Tobbeche S.	09538984	Journal of Physics Condensed Matter	21	4	7	0	0	0	0	1	2	3	0	10
2009	[Defluoridation of the Algerian north Sahara waters by adsorption onto local bentonites, Defluoruration des eaux du Sahara septentrional Algerien par adsorption sur des bentonites locales]	Achour S., Youcef L.	00207233	International Journal of Environmental Studies	66	2	3	1	2	0	1	0	1	5	0	8
2009	Hydraulic jump in a sloped triangular channel	Debabeche M., Cherhabil S., Hafnaoui A., Achour B.	03151468	Canadian Journal of Civil Engineering	36	4	0	0	1	1	0	0	1	3	0	3
2009	Monte Carlo simulation of the EBIC collection efficiency of a Schottky nanocontact	Ledra M., Tabet N.	07496036	Superlattices and Microstructures	45	4-5	4	3	1	0	0	1	0	5	0	9

2009	Surface analysis for catalyst layer (PT/PTFE/C) and diffusion layer (PTFE/C) for proton exchange membrane fuel cells systems (PEMFCs)	Chebbi R., Beicha A., Daud W.R.W., Zaamouche R.	01694332	Applied Surface Science	255	12	12	0	1	0	3	1	0	5	0	17
2009	A nonlinear adaptive backstepping approach applied to a three phase PWM AC-DC converter feeding induction heating	Hadri-Hamida A., Allag A., Hammoudi M.Y., Mimoune S.M., Zerouali S., Ayad M.Y., Becherif M., Miliani E., Miraoui A.	10075704	Communications in Nonlinear Science and Numerical Simulation	14	4	16	3	4	3	1	1	1	13	0	29
2009	Numerical study of bearing capacity for a circular footing	Mabrouki A., Benmeddour D., Mellas M.	08189110	Australian Geomechanics Journal	44	1	1	0	0	1	1	0	0	2	0	3
2009	Molecular identification and genetic relationships of algerian grapevine cultivars maintained at the germplasm collection of Skikda (Algeria)	Laiadi Z., Bentchikou M.M., Bravo G., Cabello F., Martinez-Zapater J.M.	00427500	Vitis - Journal of Grapevine Research	48	1	14	0	0	1	1	3	1	6	0	20
2009	3D movement simulation technique in FVM method application to eddy current non destructive testing	Cheriet A., Feliachi M., Mimoune S.M.	03321649	COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	28	1	2	0	0	1	2	2	0	5	0	7



2009	Les eaux profondes de la région de Biskra (Algérie)	Bouziane M.T., Labadi A.	1450216X	European Journal of Scientific Research	25	4	2	0	0	0	1	0	2	3	0	5
2009	A semi-inverse variational method for generating the bound state energy eigenvalues in a quantum system: The Schrödinger equation	Zerarka A., Libarir K.	10075704	Communications in Nonlinear Science and Numerical Simulation	14	7	0	0	0	8	5	1	0	14	0	14
2009	Path finding and collision avoidance in crowd simulation	Foudil C., Noureddine D., Sanza C., Duthen Y.	13301136	Journal of Computing and Information Technology	17	3	3	2	1	0	1	3	2	9	0	12
2009	Electron beam induced current at a Schottky nanocontact	Ledra M., Tabet N.	17528933	International Journal of Nano and Biomaterials	2	1-5	1	2	1	0	0	0	0	3	0	4
2009	Strategy based PSO for dynamic control of UPFC to enhance power system security	Belkacem M., Bouktir T., Srairi K.	19750102	Journal of Electrical Engineering and Technology	4	3	6	1	0	1	0	1	0	3	0	9



2009	Numerical simulation of two dimensional torrential flows through progressive channel expansion	Berreksi A., Kettab A., Remini B.	1450216X	European Journal of Scientific Research	26	1	0	0	0	0	0	0	0	0	0	0	0
2009	A strong uniform convergence rate of a kernel conditional quantile estimator under random left-truncation and dependent data	Ould-Said E., Yahia D., Necir A.	19357524	Electronic Journal of Statistics	3		2	1	1	0	0	1	0	3	0	5	
2009	Optical absorption of $AlF_3$ - $YF_3$ - $PbF_2$ - $MgF_2$ (M=Ca, Sr and Ba) glasses doped with chromium ions	Benhamideche C., Boutarfaia A., Poulain M.	18426573	Optoelectronics and Advanced Materials, Rapid Communications	3	4	0	0	0	0	0	0	0	0	0	0	
2009	Crystal growth and dielectric characterization of crystals derived from the solid-solution $Ba_{(1-x)}Na_xTi_{(1-x)}Nb_xO_3$ (BTNN)	Gacem L., Ouadjaout D., Chaminade J.-P., Maglione M., Von der Muhll R., Pechev S.	00255408	Materials Research Bulletin	44	12	2	0	0	0	0	1	1	2	0	4	
2009	Validation of the Simpson-finite-difference time domain method for evaluating the electromagnetic field in the vicinity of the lightning channel initiated at ground level	M'ziou N., Mokhnache L., Boubakeur A., Kattan R.	17518687	IET Generation, Transmission and Distribution	3	3	12	0	1	2	0	0	1	4	0	16	









2008	Necessary and sufficient optimality conditions for relaxed and strict control problems	Bahlali S.	03630129	SIAM Journal on Control and Optimization	47	4	12	0	0	0	1	0	0	1	0	13
2008	Optimal power flow for large-scale power system with shunt FACTS using fast parallel ga	Mahdad B., Srairi K., Bouktir T.		Proceedings of the Mediterranean Electrotechnical Conference - MELECON			10	0	0	0	0	0	0	0	0	10
2008	Generating exact approximations to model check concurrent systems	Bourahla M.	16833198	International Arab Journal of Information Technology	5	4	0	0	0	0	0	0	0	0	0	0
2008	Dynamic eccentricity in squirrel cage induction motors - Simulation and analytical study of its spectral signatures on stator currents	Sahraoui M., Ghoggal A., Zouzou S.E., Benbouzid M.E.	1569190X	Simulation Modelling Practice and Theory	16	9	32	5	6	7	6	5	1	30	0	62
2008	Optimal power flow of the Algerian network using Genetic Algorithm/Fuzzy rules	Mahdad B., Bouktir T., Srairi K.		IEEE Power and Energy Society 2008 General Meeting: Conversion and Delivery of Electrical Energy in the 21st Century, PES			6	1	2	0	1	2	0	6	0	12

2008	Intelligent agents for a semantic mediation of information systems	Saber B., Okba K.		Proceedings - 7th Computer Information Systems and Industrial Management Applications, CISIM 2008			0	0	0	0	0	0	0	0	0	0
2008	Image segmentation by self-organised region growing	Leila D., Khelil N., Mohamed B.		Proceedings - 7th Computer Information Systems and Industrial Management Applications, CISIM 2008			2	0	0	0	0	0	0	0	0	2
2008	[Electrochemical corrosion behaviour of the 32CrMoV13 steel nitrided by plasma, Comportement en corrosion électrochimique de l'acier faiblement allié 32CrMoV13 nitruré par plasma]	Belahssen O., Darsouni A., Chala A.	01519107	Annales de Chimie: Science des Matériaux	33	5	4	1	0	0	0	0	0	1	0	5
2008	Rheological properties of carboxymethyl cellulose (CMC) solutions	Benchabane A., Bekkour K.	0303402X	Colloid and Polymer Science	286	10	46	14	14	25	36	40	39	168	2	216
2008	A simple theoretical approach to the liquid drop model	Mahboub K.	03064549	Annals of Nuclear Energy	35	8	1	0	1	0	0	0	0	1	0	2

2008	Dependence of backgating on the type of deep centres in the substrate of GaAs FETs	Sengouga N., Abdeslam N.A.	00381101	Solid-State Electronics	52	7	3	0	0	0	0	0	0	0	0	3
2008	Seiberg-Witten noncommutative minimal supersymmetric standard model	Zaim S., Boudine A., Mebarki N., Moumni M.	1221146X	Romanian Reports of Physics	53	3-4	6	1	1	0	0	0	0	2	0	8
2008	Theoretical approach on the study of turbulent water flow over smooth and L-shaped riblets surfaces	Brima A., Atmani R., Achour B.	10642277	International Journal of Fluid Mechanics Research	35	2	0	0	1	0	0	0	0	1	0	1
2008	Lamellar precipitation in Cu-4,5 at. % in alloy	Bensaada S.	09335137	Materialwissenschaft und Werkstofftechnik	39	6	0	0	0	0	0	0	0	0	0	0
2008	OS-CFAR and CMLD threshold optimization in distributed systems using evolutionary strategies	Abdou L., Soltani F.	18631703	Signal, Image and Video Processing	2	2	0	1	0	1	0	2	0	4	0	4



2008	Solutions of the Von Kàrmàn equations via the non-variational Galerkin-B-spline approach	Zerarka A., Nine B.	10075704	Communications in Nonlinear Science and Numerical Simulation	13	10	2	1	0	0	0	0	0	0	1	0	3
2008	Determination of the density of localized states in semiconductors from the pre-recombination transient photoconductivity	Belgacem H., Merazga A.	00381101	Solid-State Electronics	52	1	2	0	0	0	0	0	0	0	0	0	2
2008	Microclimatic behaviour of urban forms in hot dry regions. Towards a definition of adapted indicators	Djenane M., Farhi A., Benzerzour M., Musy M.		PLEA 2008 - Towards Zero Energy Building: 25th PLEA International Conference on Passive and Low Energy Architecture, Conference			0	0	2	1	0	0	0	0	3	0	3
2008	Impact of wind power on the angular stability of a power system	Naimi D., Bouktir T.	15831078	Leonardo Electronic Journal of Practices and Technologies	7	12	9	1	0	1	2	2	2	2	8	0	17
2008	Fluorophosphate glasses containing manganese	Djouama T., Boutarfaia A., Poulain M.	00223697	Journal of Physics and Chemistry of Solids	69	11	3	2	3	1	2	4	0	12	0	15	







2008	Modeling, analysis, and neural network control of an EV electrical differential	Haddoun A., Benbouzid M.E.H., Diallo D., Abdessemed R., Ghouili J., Srairi K.	02780046	IEEE Transactions on Industrial Electronics	55	6	55	5	7	3	10	3	4	32	0	87
2007	Constrained nonlinear neural model based predictive control using genetic algorithms	Boumehras M.	18169503	International Journal of Soft Computing	2	1	0	0	0	0	0	0	0	0	0	0
2007	Application of EKF algorithm for rotor speed, flux and resistance estimation in induction motors	Guergazi A., Moussi A., Debilou A.	12595985	Modelling, Measurement and Control A	80	1-2	0	0	0	1	0	0	0	1	0	1
2007	Integration of the Jiles-Atherton hysteresis model in coupled electromagnetic and thermal phenomena modelling	Souri S., Srairi K., Mimoune S.M.	12595985	Modelling, Measurement and Control A	80	3-4	0	0	0	0	0	0	0	0	0	0
2007	Dynamic methodology for control of multiple-UPFC to relieve overloads and voltage violations	Mahdad B., Bouktir T., Srairi K.		EUROCON 2007 - The International Conference on Computer as a Tool			0	0	0	2	0	0	0	2	0	2





2007	GA coordinated with practical fuzzy rules with multi shunt FACTS devices to enhance the optimal power flow	Mahdad B., Bouktir T., Srairi K.		EUROCON 2007 - The International Conference on Computer as a Tool			2	1	2	2	1	0	1	7	0	9
2007	Flexible methodology based in fuzzy logic rules for reactive power planning of multiple shunt FACTS devices to enhance system loadability	Mahdad B., Bouktir T., Srairi K.		2007 IEEE Power Engineering Society General Meeting, PES			2	1	0	0	0	0	0	1	0	3
2007	The relaxed stochastic maximum principle in singular optimal control of diffusions	Bahlali S., Djehiche B., Mezerdi B.	03630129	SIAM Journal on Control and Optimization	46	2	13	1	1	1	2	1	0	6	0	19
2007	Elaboration of transparent undoped ZnO and Al-doped ZnO thin films by spray pyrolysis and their properties	Rahmane S., Aida M.S., Chala A., Temam H.B., Djouadi A.	16128850	Plasma Processes and Polymers	4	1	2	2	0	0	1	0	1	4	0	6
2007	Rotor failures diagnosis of induction machines by current or voltage spectrum analysis in function of the type of feeding and the load	Menacer A., Moreau S., Champenois G., Benakcha A., Said M.S.N.		IET Seminar Digest	2007	11827	2	0	0	0	1	0	0	1	0	3

2007	Modeling of facts devices with efficient location to improve voltage stability	Mahdad B., Srairi K., Bouktir T., Benbouzid M.E.H.	12404535	Advances in Modelling and Analysis C	62	3-4	1	0	0	0	0	0	0	0	0	0	1
2007	Determination of the optimum conditions for ion nitriding of 32CDV13 low alloy steel	Saied C., Chala A., Nouveau C., Djouadi M.A., Chekour L.	16128850	Plasma Processes and Polymers	4	1	0	0	0	0	0	0	0	0	0	0	0
2007	On the stochastic maximum principle in optimal control of degenerate diffusions with lipschitz coefficients	Bahlali K., Djehiche B., Mezerdi B.	00954616	Applied Mathematics and Optimization	56	3	6	4	0	0	1	0	0	0	5	0	11
2007	Radiation hardness studies in a CCD with high-speed column parallel readout	Sopczak A., Aoulmit S., Bekhouche K., Bowdery C., Buttar C., Damerell C., Davies G., Djendaoui D., Dehimi L., Greenshaw T., Koziel M., Maneuski D., Stefanov K., Tikkanen T., Woolliscroft T., Worm S.	10957863	IEEE Nuclear Science Symposium Conference Record	3		4	0	0	0	0	0	0	0	0	0	4
2007	SDTC neural network traction control of an electric vehicle without differential gears	Haddoun A., Khoucha F., Benbouzid M.E.H., Diallo D., Abdessemed R., Srairi K.		VPPC 2007 - Proceedings of the 2007 IEEE Vehicle Power and Propulsion Conference			8	2	2	3	2	1	0	10	0	18	

2007	Comparative analysis of control techniques for efficiency improvement in electric vehicles	Haddoun A., Benbouzid M.E.H., Diallo D., Abdessemed R., Ghouili J., Srairi K.		VPPC 2007 - Proceedings of the 2007 IEEE Vehicle Power and Propulsion Conference			8	2	1	1	1	3	0	8	0	16
2007	Density of states in $\text{Bi}_{1-x}\text{TiO}_x$ from time-of-flight measurements	Longeaud C., Belgacem H., Douay C.	09538984	Journal of Physics Condensed Matter	19	47	3	0	0	1	0	0	0	1	0	4
2007	Numerical simulation of the transient photoconductivity in hydrogenated amorphous silicon including localized-state electron hopping	Tobbeche S., Merazga A.	09538984	Journal of Physics Condensed Matter	19	43	2	0	0	0	0	0	0	0	0	2
2007	Analysis, modeling and neural network traction control of an electric vehicle without differential gears	Haddoun A., Benbouzid M.E.H., Diallo D., Abdessemed R., Ghouili J., Srairi K.		Proceedings of IEEE International Electric Machines and Drives Conference, IEMDC 2007	1		4	1	0	0	1	0	0	2	0	6
2007	Weak solutions and a Yamada-Watanabe theorem for FBSDEs	Bahlali K., Mezerdi B., N'zi M., Ouknine Y.	09266364	Random Operators and Stochastic Equations	15	3	1	1	0	1	0	1	0	3	0	4

2007	Radiation hardness of CCD vertex detectors for the ILC	Sopczak A., Bekhouche K., Bowdery C., Damerell C., Davies G., Dehimi L., Greenshaw T., Koziel M., Stefanov K., Woolliscroft T., Worm S.	09205632	Nuclear Physics B - Proceedings Supplements	172		3	0	0	0	0	0	0	0	0	0	3
2007	Speed sliding control of PMSM drives	Kadjoudj M., Golea A., Golea N., Benbouzid M.E.		ISCIII'07: 3rd International Symposium on Computational Intelligence and Intelligent Informatics; Proceedings			6	1	0	0	0	0	0	0	1	0	7
2007	Statistical estimate of the proportional hazard premium of loss	Necir A., Meraghni D., Meddi F.	03461238	Scandinavian Actuarial Journal	2007	3	8	0	1	1	2	1	0	5	0	13	
2007	Response surface method for the rapid design of process parameters in tube hydroforming	Chebbah M.S., Naceur H., Hecini M., Belouettar S.	0094243X	AIP Conference Proceedings	908		1	0	0	0	0	0	0	0	0	0	1
2007	Optimal short term hydro scheduling of large power systems with discretized horizon	Bensalem A., Miloudi A., Zouzou S.E., Mahdad B., Bouhental A.	13353632	Journal of Electrical Engineering	58	4	4	0	0	1	0	1	0	2	0	6	



2007	Simulations of the temperature dependence of the charge transfer inefficiency in a high-speed CCD	Sopczak A., Bekhouche K., Bowdery C., Damerell C., Davies G., Dehimi L., Greenshaw T., Koziel M., Stefanov K., Walder J., Woolliscroft T., Worm S.	00189499	IEEE Transactions on Nuclear Science	54	4	11	1	0	0	1	0	1	3	0	14
2007	Thermogravimetric study of polyisothiocyanato-styrenes	Ahmed M., Nikanor B., Youcef L., Belkhir D., Mokhtar S., Lynda D.	09707077	Asian Journal of Chemistry	19	4	0	0	0	0	1	1	0	2	0	2
2007	New approach based on Shapiro's embedded zero-tree wavelet algorithm for image compression	Ouafi A., Baair Z.-E., Taleb-Ahmed A., Doghmane N., Zitouni A.	00913286	Optical Engineering	46	7	1	1	0	0	0	0	0	1	0	2
2007	Deposition of AlN films by reactive sputtering: Effect of radiofrequency substrate bias	Abdallah B., Chala A., Jouan P.-Y., Besland M.P., Djouadi M.A.	00406090	Thin Solid Films	515	18	17	2	0	1	1	1	2	7	0	24
2007	Liquid-liquid extraction of copper(II) with Schiff's bases derived from salicylaldehyde	Barkat D., Kameche M.	00319104	Physics and Chemistry of Liquids	45	3	6	0	1	2	0	0	1	4	0	10

2007	[Coexistence of the tetragonal-rhombohedral phases in the ternary system: $x\text{PbZrO}_3$ - $y\text{PbTiO}_3$ - $z\text{Pb}(\text{Fe}_{1/5}\text{Ni}_{1/5}\text{Sb}_{3/5}\text{O}_3)$ , Coexistence des phases tétragonale-rhombohédrique dans le système ternaire: $X\text{PbZrO}_3$ - $Y\text{PbTiO}_3$ - $Z\text{Pb}(\text{Fe}_{1/5}\text{Ni}_{1/5}\text{Sb}_{3/5}\text{O}_3)$ ]	Benhamideche C., Boutarfaia A., Bouaoud S.E.	00375225	Silicates Industriels	72	5-6	0	0	0	0	0	0	0	0	0	0
2007	COIFLET BASED METHODS for RANGE IMAGE PROCESSING	Djebali M., Melkemi M., Melkemi K., Sapidis N.	02194678	International Journal of Image and Graphics	7	2	0	0	0	0	0	0	0	0	0	0
2007	Effect of composition on the electromechanical properties of $\text{Pb}[\text{Zr}_x\text{Ti}_{(0.9-x)}\text{Cr}_{1/5}\text{Zn}_{1/5}\text{Sb}_{3/5}\text{O}_3]$ ceramics	Abdessalem N., Boutarfaia A.	02728842	Ceramics International	33	2	3	0	0	0	0	0	2	2	0	5
2007	Activity coefficients for salts in water-methanol mixed solvent solutions	Boukhalfa N., Meniai A.-H.	00119164	Desalination	206	1-3	7	0	2	0	0	0	0	2	0	9
2007	Nonconforming mesh generation for finite volume method applied to 3-D magnetic field analysis	Cheriet A., Feliachi M., Mimoune S.M.	12860042	EPI Applied Physics	37	2	3	0	0	0	1	0	0	1	0	4

2007	The compact city: An urban path towards sustainability in arid areas	Khalissa H., Said M.		Portugal SB 2007 - Sustainable Construction, Materials and Practices: Challenge of the Industry for the New Millennium			0	0	0	1	0	0	0	1	0	1
2007	[A mobile agent-based architecture for information retrieval in heterogeneous and distributed sources, Une architecture basée agents mobiles pour la recherche d'information dans des sources hétérogènes et réparties]	Ben Seghir N., Kazar O.	16130073	CEUR Workshop Proceedings	547		0	0	0	0	0	0	0	0	0	0
2007	Effect of sill in the hydraulic jump in a triangular channel	Debabeche M., Achour B.	00221686	Journal of Hydraulic Research	45	1	4	0	1	1	2	0	0	4	0	8
2007	PNTTools: A multi-language environment to integrate Petri nets tools	Chaoui A., Hadjadj I.	16130073	CEUR Workshop Proceedings	547		0	0	0	0	0	0	0	0	0	0
2007	Evolutionary cellular automata based-approach for edge detection	Slatnia S., Batouche M., Melkemi K.E.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	4578		12	0	1	0	1	5	0	7	0	19

2007	Non-linear systems control via fuzzy models: A multicontroller approach	Boumehras M., Benmahammed K.	17466172	International Journal of Modelling, Identification and Control	2	1	9	0	0	0	0	0	0	1	1	0	10
2007	Adaptive nonlinear control of a passively clamped two switch quasi resonant DC link converter	Hamida A.H., Allag A., Mimoune S.M., Srairi K., Zerouali S., Feliachi M.	13835416	International Journal of Applied Electromagnetics and Mechanics	25	1-4	1	0	0	0	0	0	0	0	0	0	1
2007	Extended Kalman filter for uninterruptible power supplies applied to non linear loads	Zerouali S., Allag A., Mimoune S.M., Srairi K., Hamida A.H., Feliachi M.	13835416	International Journal of Applied Electromagnetics and Mechanics	25	1-4	3	0	2	0	0	0	0	0	2	0	5
2007	[An agent-based approach for the discovery of Web services, Une approche basée agent pour la découverte de services Web]	Chafik B., Okba K.	16130073	CEUR Workshop Proceedings	547		0	0	0	0	0	0	0	0	0	0	0
2007	Effect of the position and the number of broken bars on asynchronous motor stator current spectrum	Menacer A., Moreau S., Benakcha A., Said M.S.N.		EPE-PEMC 2006: 12th International Power Electronics and Motion Control Conference, Proceedings			5	0	0	1	1	1	0	3	0	8	





2006	Artificial perturbation for solving the Korteweg-de Vries equation	Khelil N., Bensalah N., Saidi H., Zerarka A.	10093095	Journal of Zhejiang University: Science	7	12	3	1	2	0	0	0	0	3	0	6
2006	Modeling of methane air combustion	Boukhalifa N., Afrid M.		Reclaiming the Desert: Towards a Sustainable Environment in Arid Lands - Proceedings of the 3rd UAE-Japan Symposium on Sustainable GCC Environment and Water Resources,			0	0	0	0	0	0	0	0	0	0
2006	Tracking control via adaptive backstepping approach for a three phase PWM AC-DC converter	Hammoudi M.Y., Allag A., Mimoune S.M., Ayad M.Y., Becherif M., Miraoui A.		Proceedings of the IEEE International Conference on Industrial Technology			2	0	0	0	1	0	0	1	0	3
2006	Adaptive nonlinear control applied to a three phase shunt active power filter	Hammoudi M.Y., Allag A., Mimoune S.M., Ayad M.Y., Becherif M., Miraoui A.		Proceedings of the IEEE International Conference on Industrial Technology			2	1	0	0	1	0	0	2	0	4
2006	Optimal location and control of FACTS device in unbalanced power systems using sequence component	Mahdad B., Bouktir T., Srairi K.		Proceedings of the IEEE International Conference on Industrial Technology			3	0	1	0	0	0	0	1	0	4





2006	Robust MRAC adaptive control of PMSM drive under general parameters uncertainties	Golea N., Golea A., Kadjoudj M.		Proceedings of the IEEE International Conference on Industrial Technology			9	2	0	2	4	2	0	10	0	19
2006	Adaptive nonlinear control applied to a three phase shunt active power filter	Allag A., Hammoudi M.Y., Mimoune S.M., Ayad M.Y., Becherif M., Miliani E., Miraoui A., Feliachi M.		IECON Proceedings (Industrial Electronics Conference)			7	1	1	0	0	0	0	2	0	9
2006	An adaptive optimal linear quadratic regulator applied to three phases PWM AC-DC converter	Zerouali S., Allag A., Mimoune S.M., Ayad M.Y., Becherif M., Miraoui A., Khanniche S.		IECON Proceedings (Industrial Electronics Conference)			1	0	0	0	0	0	0	0	0	1
2006	Application of an adaptive nonlinear control strategy to AC-DC-PWM converter feeding induction heating	Hadri-Hamida A., Allag A., Mimoune S.M., Ayad M.Y., Becherif M., Miliani E., Miraoui A., Khanniche S.		IECON Proceedings (Industrial Electronics Conference)			2	1	0	0	0	0	0	1	0	3
2006	Parameters and states estimation with linear quadratic regulator applied to uninterruptible power supplies (UPS)	Boualaga R., Amar B., Ammar M., Loron L.		IECON Proceedings (Industrial Electronics Conference)			4	1	0	0	0	0	0	1	0	5

2006	Power loss analysis in high frequency quasi-resonant DC link power conversion for induction heating application	Allag A., Hamida A.H., Mimoune S.M., Zerouali S., Feliachi M.	12595985	Modelling, Measurement and Control A	79	1-2	2	0	0	0	0	0	0	0	0	0	2
2006	Considerations about the modeling and simulation of air-gap eccentricity in induction motors	Ghoggal A., Aboubou A., Zouzou S.E., Sahraoui M., Razik H.		IECON Proceedings (Industrial Electronics Conference)			13	0	0	0	1	0	0	1	0	14	
2006	Modelling and detection of inter-turn short circuits in stator windings of induction motor	Sahraoui M., Ghoggal A., Zouzou S.E., Aboubou A., Razik H.		IECON Proceedings (Industrial Electronics Conference)			18	0	4	0	3	0	1	8	0	26	
2006	A genetic algorithm based approach to coalescence parameters: Estimation in liquid-liquid extraction columns	Hasseine A., Meniai A.-H., Korichi M., Lehocine M.B., Bart H.-J.	09307516	Chemical Engineering and Technology	29	12	4	0	1	1	2	1	1	6	0	10	
2006	Experiments for the discharge capacity of the siphon spillway having the Creager-Ofitserov profile	Houichi L., Ibrahim G., Achour B.	10642277	International Journal of Fluid Mechanics Research	33	5	3	1	1	0	0	2	2	6	0	9	

2006	Evaluation of the bound states of a quantum system via the differential quadrature method: Extended to coupled differential equations	Zerarka A., Saidi H., Hassouni S., Bensalah N.	00963003	Applied Mathematics and Computation	182	1	3	0	0	0	0	0	0	0	0	0	3
2006	Energy spectra of the Schrödinger equation and the differential quadrature method: Improvement of the solution using particle swarm optimization	Saidi H., Khelil N., Hassouni S., Zerarka A.	00963003	Applied Mathematics and Computation	182	1	4	0	0	1	1	0	0	2	0	0	6
2006	Computer simulation of the a-Si:H p-i-n solar cell performance sensitivity to the free carrier's mobilities, the capture cross sections and the density of gap states	Meftah A.F., Meftah A.M., Belghachi A.	09538984	Journal of Physics Condensed Matter	18	41	2	1	0	0	0	1	0	2	0	0	4
2006	A nonparametric sequential test with power 1 for the mean of Lévy-stable laws with infinite variance	Necir A.	13875841	Methodology and Computing in Applied Probability	8	3	1	0	0	0	0	0	0	0	0	0	1
2006	Necessary and sufficient conditions of optimality for optimal control problem with initial and terminal costs	Bahlali S., Labed B.	09266364	Random Operators and Stochastic Equations	14	3	4	1	0	0	0	0	0	1	0	0	5

2006	A multiagent system approach for image segmentation using genetic algorithms and extremal optimization heuristics	Melkemi K.E., Batouche M., Foufou S.	01678655	Pattern Recognition Letters	27	11	27	1	5	4	2	4	0	16	0	43
2006	The eigenenergies of the wave function through the non-variational Galerkin-B-spline approach	Nine B., Haif-Khaif O., Zerarka A.	00963003	Applied Mathematics and Computation	178	2	6	0	0	0	0	0	0	0	0	6
2006	Modelling of semiconductor diodes made of high defect concentration, irradiated, high resistivity and semi-insulating material: The capacitance-voltage characteristics	Saadoune A., Dehimi L., Sengouga N., McPherson M., Jones B.K.	00381101	Solid-State Electronics	50	7-8	10	2	2	0	1	1	0	6	0	16
2006	MRF model-based approach for image segmentation using a chaotic MultiAgent system	Melkemi K.E., Batouche M., Foufou S.	03029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	3849		0	0	0	0	0	0	0	0	0	0
2006	Effect of duplex treatments by plasma nitriding and triode sputtering on corrosion behaviour of 32CDV13 low alloy steel	Chala A., Nouveau C., Djouadi M.A., Steyer P., Millet J.P., Saied C., Aida M.S., Lambertin M.	02578972	Surface and Coatings Technology	200	22-23	6	1	0	1	0	1	0	3	0	9



2006	Durability study of stabilized earth concrete under both laboratory and climatic conditions exposure	Guettala A., Abibsi A., Houari H.	09500618	Construction and Building Materials	20	3	20	10	17	8	19	13	11	78	0	98
2006	Nonlinear model reference adaptive control using Takagi-Sugeno fuzzy systems	Golea N., Golea A., Kadjoudj M.	10641246	Journal of Intelligent and Fuzzy Systems	17	1	8	0	1	0	0	1	0	2	0	10
2006	A functional law of the iterated logarithm for kernel-type estimators of the tail index	Necir A.	03783758	Journal of Statistical Planning and Inference	136	3	4	0	0	0	0	0	0	0	0	4
2006	Determination of the mean fission lifetime by using the one-dimensional Langevin equation	Zerarka A., Mahboub K., Foester V.G.	17416361	International Journal of Nuclear Energy Science and Technology	2	4	0	0	0	0	0	0	0	0	0	0
2006	A generalised integral quadratic method: improvement of the solution for one dimensional Volterra integral equation using particle swarm optimisation	Zerarka A., Khelil N., Saidi H.	17402123	International Journal of Simulation and Process Modelling	2	1-2	6	0	1	0	0	1	0	2	0	8



2006	Radiation hardness of CCD vertex detectors for the ILC	Sopczak A., Bekhouche K., Bowdery C., Damerell C., Davies G., Dehimi L., Greenshaw T., Koziel M., Stefanov K., Woolliscroft T., Worm S.	10957863	IEEE Nuclear Science Symposium Conference Record	1		6	0	0	1	0	0	0	1	0	7
2005	Numerical studies of 3D passive earth pressures induced by the translation of a rigid rough retaining wall	Benmebarek S., Khelifa T., Benmebarek N.		Proceedings of the 10th International Conference on Civil, Structural and Environmental Engineering Computing, Civil-Comp 2005			0	0	0	0	0	0	0	0	0	0
2005	Relations between different methods for fast motion estimation	Charif F., Baarir Z.-E.		Proceedings of the SICE Annual Conference			0	0	0	0	0	0	0	0	0	0
2005	Design and control strategy of Maximum Point Power Tracker (MPPT) of photovoltaic pumping system by neural network under variable climatic conditions	Saadi A., Moussi A.		Proceedings of the SICE Annual Conference			0	0	0	0	0	0	0	0	0	0
2005	Distributed CTL model checking	Bourahla M.	14625970	IEE Proceedings: Software	152	6	6	0	1	0	0	0	0	1	0	7





2005	Modeling of induction machines with skewed rotor slots dedicated to rotor faults	Zouzou S.E., Ghoggal A., Aboubou A., Sahraoui M., Razik H.		SDEMPED 2005 - International Symposium on Diagnostics of Electric Machines, Power Electronics, and Drives			1	0	1	0	0	0	0	0	1	0	2
2005	An improved model of the induction machine dedicated to faults detection - Extension of the modified winding function	Ghoggal A., Sahraoui M., Aboubou A., Zouzou S.E., Razik H.		Proceedings of the IEEE International Conference on Industrial Technology	2005		13	0	0	1	1	1	0	3	0	16	
2005	The effect of variation resistance broken bars in induction motor using stator current signature analysis	Menacer A., Said M.S.N., Benakcha A.H., Moreau S., Drid S.	12595985	Modelling, Measurement and Control A	78	3-4	0	0	0	0	0	0	0	0	0	0	
2005	Studies on effects of activators on properties and mechanism of hydration of Portland cement	Cheikh-Zouaoui M., Chikh N., Aggoun S., Duval R.		Proceedings of the International Conference on Admixtures - Enhancing Concrete Performance			2	0	0	0	1	1	0	2	0	4	
2005	Efficiency - Minimization loss based fuzzy logic control of induction machine	Haddoun A.H., Ghouili J., Abdessemed R., Srairi K.	08407789	Canadian Conference on Electrical and Computer Engineering	2005		0	0	0	0	2	0	0	2	0	2	

2005	Using Enhanced Fisher linear discriminant Model (EFM) for frontal face authentication	Saigaa D., Benoudjit N., Benmahamed K., Lelandais S.	11092750	WSEAS Transactions on Computers	4	12	0	0	0	0	0	0	0	0	0	0	0
2005	A loss-minimization DTC scheme for EV induction motors	Haddoun A., Benbouzid M.B.H., Diallo D., Abdessemed R., Ghouili J., Srairi K.		2005 IEEE Vehicle Power and Propulsion Conference, VPPC	2005		11	0	0	0	1	0	0	1	0	12	
2005	Monte Carlo simulation of the contrast of SEM charge-collection images of dislocations in semiconductors	Ledra M., Tabet N.	00223727	Journal of Physics D: Applied Physics	38	21	6	1	0	0	0	2	0	3	0	9	
2005	Study of the effect of alkalis on the slag cement systems	Zeghichi L., Mezghiche B., Chebili R.	03151468	Canadian Journal of Civil Engineering	32	5	5	0	1	0	1	0	0	2	0	7	
2005	Study of the duplex treatment on 32CrMoV13 low alloy steel: Application in wood machining	Chala A., Chekour L., Nouveau C., Saied C., Aida M.S., Djouadi M.A.	02578972	Surface and Coatings Technology	200	1-4	8	1	1	0	0	2	1	5	0	13	

2005	Growth mechanism for chromium nitride films deposited by magnetron and triode sputtering methods	Chekour L., Nouveau C., Chala A., Labidi C., Rouag N., Djouadi M.A.	02578972	Surface and Coatings Technology	200	1-4	10	1	2	2	4	0	0	9	0	19
2005	[Study of the synthesis and reaction of the solid solution $x\text{PbZrO}_3$ - $y\text{PbTiO}_3$ - $z\text{Pb}(\text{Fe}_{1/5}\text{Ni}_{1/5}\text{Sb}_{3/5})\text{O}_3$ , Synthèse et étude réactionnelle de la solution solide $x\text{PbZrO}_3$ - $y\text{PbTiO}_3$ - $z\text{Pb}(\text{Fe}_{1/5}\text{Ni}_{1/5}\text{Sb}_{3/5})\text{O}_3$ ]	Benhamideche C., Boudaren C., Bouaoud S.E., Boutarfaia A.	00375225	Silicates Industriels	70	9-10	0	1	0	0	0	0	0	1	0	1
2005	New oxysulphide glasses in $\text{Sb}_2\text{S}_3$ - $\text{M}_m\text{O}_n$ and $\text{Sb}_2\text{S}_3$ - $\text{Sb}_2\text{O}_3$ - $\text{M}_m\text{O}_n$ systems	Makhloufi R., Boutarfaia A., Poulain M.	09258388	Journal of Alloys and Compounds	398	1-2	2	1	0	2	0	0	0	3	0	5
2005	Backward stochastic differential equations with two reflecting barriers and continuous with quadratic growth coefficient	Bahlali K., Hamadene S., Mezerdi B.	03044149	Stochastic Processes and their Applications	115	7	17	3	3	1	3	3	1	14	0	31
2005	Influence of plastic deformation on occurrence of discontinuous precipitation	Boumerzoug Z., Boudhib L., Chala A.	00222461	Journal of Materials Science	40	12	3	4	2	1	0	1	1	9	0	12

2005	Model checking multi-agent systems	Bourahla M., Benmohamed M.	03505596	Informatica (Ljubljana)	29	2	6	0	2	0	0	0	0	2	0	8
2005	Numerical studies of seepage failure of sand within a cofferdam	Benmebarek N., Benmebarek S., Kastner R.	0266352X	Computers and Geotechnics	32	4	23	3	6	4	6	3	8	30	0	53
2005	Analysis of real-time systems with CTL model checkers	Bourahla M., Benmohamed M.	15710661	Electronic Notes in Theoretical Computer Science	133		1	0	0	0	0	0	0	0	0	1
2005	Outdoor thermal comfort in the old desert city of Beni-Isguen, Algeria	Ali-Toudert F., Djenane M., Bensalem R., Mayer H.	0936577X	Climate Research	28	3	41	8	8	13	11	8	9	57	0	98
2005	Assessment of drop coalescence and breakup for stirred extraction columns	Hasseine A., Meniai A.-H., Lehocine M.B., Bart H.-J.	09307516	Chemical Engineering and Technology	28	5	9	0	0	0	0	0	2	2	0	11

2005	Formal specification and verification of multi-agent systems	Bourahla M., Benmohamed M.	15710661	Electronic Notes in Theoretical Computer Science	123		2	1	2	1	1	0	0	5	0	7
2005	An open loop space vector PWM control for CSI-fed field-oriented induction motor drive with improved performances and reduced pulsating torque	Moussaoui L., Moussi A.	11092734	WSEAS Transactions on Circuits and Systems	4	2	0	0	0	0	0	0	0	0	0	0
2005	Fusion of heavy ions by means of the Langevin equation	Mahboub K., Zerarka A., Foester V.G.	05562813	Physical Review C - Nuclear Physics	71	6	2	0	0	0	0	0	0	0	0	2
2005	A general stochastic maximum principle for singular control problems	Bahlali S., Mezerdi B.	10836489	Electronic Journal of Probability	10		19	1	1	1	0	1	1	5	0	24
2005	The stochastic maximum principle in optimal control of singular diffusions with non linear coefficients	Bahlali S., Chala A.	09266364	Random Operators and Stochastic Equations	13	1	19	1	1	0	1	2	3	8	0	27







2005	Chaotic MultiAgent system approach for MRF-based image segmentation	Melkemi K.E., Batouche M., Fougou S.		Image and Signal Processing and Analysis, 2005. ISPA 2005. Proceedings of the 4th International Symposium	2005		2	0	0	0	0	0	0	0	0	0	2
2005	Determination of defect level parameters in semi-insulating GaAs:Cr from transient photocurrent experiment	Belgacem H., Merazga A., Longeaud C.	02681242	Semiconductor Science and Technology	20	1	8	0	0	0	0	0	0	0	0	0	8
2004	Defect structure and properties of Sr-doped La Cr O <sub>3-δ</sub>	Omari M., Chadli I., Belaidi S.	13000527	Turkish Journal of Chemistry	28	5	3	0	0	0	0	0	0	0	0	0	3
2004	Adaptive fuzzy logic DC output controller with minimization harmonics of side network	Benchouia M.T., Zouzou S.E., Golea A., Ghamri A.		Proceedings of the IEEE International Conference on Industrial Technology	3		0	0	0	0	0	0	0	0	0	0	0
2004	Modeling and simulation of variable speed drive system with adaptive fuzzy controller application to PMSM	Benchouia M.T., Zouzou S.E., Golea A., Ghamri A.		Proceedings of the IEEE International Conference on Industrial Technology	2		8	0	4	0	2	0	0	6	0	14	

2004	Observer-based field-oriented adaptive control of induction motor	Golea N., Golea A.		IEEE Region 10 Annual International Conference, Proceedings/TENCON	D		0	0	0	0	0	0	0	0	0	0
2004	Broken bars and/or end rings detection in three-phase induction motors by the extended park's vector approach	Aboubou A., Sahraoui M., Zouzou S.E., Razik H., Rezzoug A.		International Power Electronics Congress - CIEP			7	0	1	3	0	1	0	5	0	12
2004	MRF and multiagent system based approach for image segmentation	Melkemi K.E., Batouche M., Fougou S.		Proceedings of the IEEE International Conference on Industrial Technology	3		0	0	0	0	0	0	0	0	0	0
2004	Long-term bending creep behavior prediction of injection molded composite using stress-time correspondence principle	Hadid M., Rechak S., Tati A.	09215093	Materials Science and Engineering A	385	1-2	16	0	3	1	4	4	1	13	0	29
2004	Performance optimization of a photovoltaic induction motor pumping system	Betka A, Moussi A.	09601481	Renewable Energy	29	14	46	8	9	4	5	3	1	30	0	76

2004	Distributing state space for parallel computation of CTL model checking	Bourahla M., Benmohamed M.	03505596	Informatica (Ljubljana)	28	3	0	0	0	0	0	0	0	0	0	0
2004	Created defect under illumination in a-Si:H: Hydrogenated or isolated dangling bond ?	Meftah A.F., Meftah A.M., Merazga A.	0042207X	Vacuum	75	3	0	0	0	0	0	1	0	1	0	1
2004	Computer-Aided Reuse Tool (CART)	Houhamdi Z., Athamena B.	03505596	Informatica (Ljubljana)	28	2	0	0	0	0	0	0	0	0	0	0
2004	Relation of geometry, vegetation and thermal comfort around buildings in urban settings, the case of hot arid regions	Masmoudi S., Mazouz S.	03787788	Energy and Buildings	36	7	11	1	6	5	0	0	3	15	0	26
2004	ASIP micro-code generation from high-level specifications	Benmohammed M., Merniz S., Bourahla M.		Proceedings - 2004 International Conference on Information and Communication Technologies: From Theory to Applications, ICTTA 2004			2	1	0	1	0	0	0	2	0	4







2003	New alkali antimonate glasses	Soltani M.T., Boutarfaia A., Makhloufi R., Poulain M.	00223697	Journal of Physics and Chemistry of Solids	64	12	25	2	5	1	1	1	1	11	0	36
2003	Fuzzy approximation-based model reference adaptive control of nonlinear systems	Golea N., Golea A., Kadjoudj M.		IEEE Conference on Control Applications - Proceedings	2		5	1	0	0	0	0	0	1	0	6
2003	The Piano Keys weir: A new cost-effective solution for spillways	Lemperiere F., Ouamane A.	13522523	International Journal on Hydropower and Dams	10	5	62	4	6	3	11	9	9	42	0	104
2003	The influence of generation and transport processes in the constant photocurrent method	Main C., Reynolds S., Zrinscak I., Merazga A.	09574522	Journal of Materials Science: Materials in Electronics	14	10-12	3	0	0	0	0	0	0	0	0	3
2003	Stable indirect fuzzy adaptive control	Golea N., Golea A., Benmahammed K.	01650114	Fuzzy Sets and Systems	137	3	87	5	3	5	2	1	0	16	0	103

2003	Building and managing software reuse libraries	Houhamdi Z.	03505596	Informatica (Ljubljana)	27	1	0	0	0	0	0	0	0	0	0	0
2003	Fault detection and isolation using hybrid parameter estimation and fuzzy logic residual evaluation	Athamena B., Abbassi H.A.	03505596	Informatica (Ljubljana)	27	1	3	0	0	0	0	0	0	0	0	3
2003	[Formula Presented] transfer and excitation formalism in ion-atom collisions at high energies	Zerarka A., Foester V.G., Hans J.	10502947	Physical Review A - Atomic, Molecular, and Optical Physics	68	3	0	0	0	0	0	0	0	0	0	0
2003	$2e^{sup}</sup>$ transfer and excitation formalism in ion-atom collisions at high energies	Zerarka A., Foester V.G., Hans J.	10502947	Physical Review A - Atomic, Molecular, and Optical Physics	68	3	1	0	0	0	0	0	0	0	0	1
2003	[Control of hydraulic jump by sill in triangular channel, Ressaut hydraulique contrôlé par seuil dans un canal traingulaire]	Achour B., Debabeche M.	00221686	Journal of Hydraulic Research	41	3	6	0	0	1	0	1	0	2	0	8







2002	MRF model-based algorithm for image segmentation using extremal optimization	Melkemi K.E., Batouche M.		Advances in Systems Engineering, Signal Processing and Communications			0	0	0	0	0	0	0	0	0	0
2002	[Diagnostics and repair of a reinforced concrete bridge, Diagnostic et réparation d'un pont en beton arme]	Guettala A., Benmebarek S.		Proceedings, Annual Conference - Canadian Society for Civil Engineering	2002		0	0	0	0	0	0	0	0	0	0
2002	Multivariable fuzzy adaptive control of nonlinear systems	Golea N., Golea A.	08843627	Proceedings of the IEEE International Conference on Systems, Man and Cybernetics	1		0	0	0	0	0	0	0	0	0	0
2002	Indirect fuzzy adaptive control: Hyperstability approach	Golea N., Golea A., Kadjoudj M.		IECON Proceedings (Industrial Electronics Conference)	2		1	0	0	0	0	0	0	0	0	1
2002	Empirical nonlinear viscoelastic model for injection molded thermoplastic composite	Hadid M., Rechak S., Zouani A.	02728397	Polymer Composites	23	5	8	2	2	2	1	1	0	8	0	16



2002	Fluoride glasses in the $\text{InF}_3$ - $\text{GaF}_3$ - $\text{YF}_3$ - $\text{PbF}_2$ - $\text{CaF}_2$ - $\text{ZnF}_2$ system	Boutarfaia A., Poulain M.	00223697	Journal of Physics and Chemistry of Solids	63	11	6	1	0	1	0	1	0	3	0	9
2002	[Study of the stabilization of glasses based on $\text{YF}_3$ , Etude de stabilisation de verres a base de $\text{YF}_3$ ]	Boutarfaia A., Poulain M.	01519107	Annales de Chimie: Science des Materiaux	27	2	0	0	1	0	0	0	0	1	0	1
2002	Interface agents development in MASA for human integration in multiagent systems	Lahlouhi A., Sahnoun Z., Benbrahim M.L., Boussaha A.	03029743	Lecture Notes in Artificial Intelligence (Subseries of Lecture Notes in Computer Science)	2527		0	0	0	0	0	0	0	0	0	0
2002	Fuzzy model reference adaptive control	Golea N., Golea A., Benmahammed K.	10636706	IEEE Transactions on Fuzzy Systems	10	4	73	3	7	6	2	5	3	26	0	99
2001	Defect pool model based transient photoconductivity and the conduction band tail profile in a-Si:H	Merazga A., Meftah A.F., Meftah A.M., Main C., Reynolds S.	09538984	Journal of Physics Condensed Matter	13	48	2	0	0	0	0	1	0	1	0	3

2001	Glass formation and crystallization kinetics in a multicomponent fluoride glass	Boutarfaia A., Legouera M., Poulain M.	00223093	Journal of Non-Crystalline Solids	291	3	13	1	1	0	1	3	0	6	0	19
2001	The integration of environmental variables in the process of architectural design: The contribution of expert systems	Mazouz S., Zerouala M.S.	03787788	Energy and Buildings	33	7	8	0	0	0	2	0	0	2	0	10
2001	New stable fluorioindate glasses	Boutarfaia A., Poulain M.	01672738	Solid State Ionics	144	1-2	10	1	0	0	1	0	0	2	0	12
2001	Study of the solid state reaction and the morphotropic phase boundary in $Pb(Zr, Ti)O_3$ - $Pb(Fe_{1/5}, Ni_{1/5}, Sb_{3/5})O_3$ ceramics	Boutarfaia A.	02728842	Ceramics International	27	1	8	0	2	1	0	1	0	4	0	12
2001	[Primacy and counterweights: The wilaya (province) of Biskra, Macrocéphalie et pôles d'équilibre: La wilaya de Biskra]	Abdallah F.	00462497	Espace Géographique	30	3	0	0	0	1	0	0	0	1	0	1













1998	Shading as a modulator for the design of urban layouts based on vernacular experiences	Mazouz S., Zerouala M.S.	03787788	Energy and Buildings	29	1	4	0	0	0	0	1	2	3	0	7
1998	Fuzzy direct adaptive control of permanent magnet synchronous motor drive	Golea N., Golea A., Benmahammed K.		POWERCON 1998 - 1998 International Conference on Power System Technology, Proceedings	1		2	0	0	0	0	0	0	0	0	2
1998	Auscultation et modélisation numérique du processus de creusement à l'aide d'un tunnelier	Benmebarek S., Kastner R., Ollier C., Charif A.	00168505	Geotechnique	48	6	11	0	0	0	2	1	0	3	0	14
1997	Nonresonant transfer excitation mode in [Formula Presented] +H collisions	Zerarka A.	10502947	Physical Review A - Atomic, Molecular, and Optical Physics	55	3	5	0	0	0	0	0	0	0	0	5
1996	Monte Carlo simulation of the EBIC grain boundary contrast in semiconductors	Tabet N., Ledra M.	09215107	Materials Science and Engineering B	42	1-3	10	1	0	0	0	1	0	2	0	12

