

Liste des productions scientifiques
(publication, communication,....)
Année 2018

LABORATOIRE: Laboratoire de Génie Electrique de Guelma

SPECIALITE: Electrotechnique						
Publications Internationales						
Titre	Auteurs	<i>-Revue pour les publications -Intitulé de manifestation pour les communications</i>	Année	Volume	Page	URL
A new reinforced MAC protocol for lifetime prolongation of reliable Wireless Body Area Network	Boufedah badissi Azzouz, Babouri Abdesselam, Benmohamed mohamed, Abouchi Nacer	ECTI Transactions on Electrical Engineering, Electronics, and Communications	2018	Vol.16(2)	1-14	https://www.ecti-ec.org/index.php/ecti-ec/index
An Indoor Positioning System Based on Visible Light Communication Using a Solar Cell as Receiver	A. Chaabna, A. Babouri and X. Zhang	chapter book: Artificial Intelligence in Renewable Energetic Systems, Springer, DOI:10.1007/978-3-319-73192-6_5, ISBN-13: 978-3319731919	2018	Vol. 35	43-49	https://books.google.dz/books?hl=en&lr=&id=ufxODwAAQB&oi=fnd&pg=PR5&ots=qbFLCqAQQ&sig=OSqdWEq6k7aYFaxD0Jc2ey6Pg&redir_esc=y#v=onepage&q&f=false
Experimental Study of an Inclined-Plane Electrostatic Separator	Nadjem, A., Kachi, M., Rouagdia, K., Remadnia, M.	Springer International Publishing AG 2018	2018	/	439-450	https://link.springer.com/chapter/10.1007%2F978-3-319-89707-3_50

Experimental Modeling of the Conformal-Contact Tribocharging of Polymers	H. Mellouki, L. Herous, B. Neagoe, Y. Prawatya, T. Zeghloul and L. Dascalescu	IEEE TRANSACTIONS on DIELECTRICS and Electrical Insulation	2018	Volume 25	145–153	Experimental Modeling of the Conformal-Contact Tribocharging of Polymers
Comparative study of wind speed extrapolation methods for sites with different roughness	Dalila Khalfa, Abdelouaheb Benretem, Lazher Herous, Nassir Cheikchouk	Int. J. Power and Energy Conversion	2018	Vol. 9,	205-225	https://www.inderscienceonline.com/doi/abs/10.1504/IJPEC.2018.092686
Robust Design of Neutralization Process of the Residual Electric Charge on the Surface of PP-Films	Karim Rouagdia, Mohamed Nemamcha, Lazhar Herous, Lucian Dascalescu	IEEE Transactions on Dielectrics and Electrical Insulation	2018	25	377-382	https://ieeexplore.iee.org/document/8341627
Corona discharge as affected by the presence of various dielectric materials on the surface of a grounded electrode	Miloud Kachi, Abdelkader Nadjem, Aida Moussaoui, Lucien Dascalescu, Noureddine Zouzou	IEEE Transactions on Dielectrics and Electrical Insulation	2018	25	390-395	https://ieeexplore.iee.org/abstract/document/8341629
Influence of the geometrical parameters of a dielectric barrier discharge reactor on the subsequent tribocharging of granular polymers	Abdelkader Nadjem, Miloud Kachi, Lucian Dascalescu, Karim Medles, Thami Zeghloul	Journal of Electrostatics	2018	95	24-31	https://www.sciencedirect.com/science/article/pii/S0304388618301360
Experimental Study of an Inclined-Plane Electrostatic Separator	Nadjem, A., Kachi, M., Rouagdia, K., Remadnia, M.	Springer International Publishing AG 2018	2018		439-450	https://link.springer.com/chapter/10.1007%2F978-3-319-89707-3_50

Neural Networks Prediction of Ionic Mobilities in SF6-N2 mixture	Ahcene. Lemzadmi, Assia. Guerroui, Tarik. Bordjiba, A. k. Moussaoui	J. Electrical Systems 14-1 (2018): 86-94	2018	14-1	86-94	http://journal.esrgroups.org/jes
Optimal Power Flow For Multi-FACTS Power System Using Hybrid PSO-PS Algorithms	Fateh Berrouk Kamel Bounaya	Journal of Control, Automation and Electrical Systems formerly CONTROLE & AUTOMAÇÃO	2018	29	177-191	https://www.springer.com/engineering/electronics/journal/40313
A New Multi-objective Jaya Algorithm for Solving the Optimal Power Flow Problem	F. Berrouk1, H.R.E.H. Bouchekara 2,* A.E. Chaib3, M.A. Abido4 K. Bounaya1 M.S. Javaid	Journal of Electrical Systems	2018	14	165-181	http://www.journal.esrgroups.org/jes/papers/14_3_13.pdf
Free-standing and binder-free electrochemical capacitor electrode based on hierarchical microfibrinous carbon–graphene–Mn3O4 nanocomposites materials	Zineb Nabti, Tarik Bordjiba, SujittraPoorahong, AmelBoudjemaa, AliBenayahoum, Mohamed Siaj, KhaldounBachari	Journal of Materials Science: Materials in Electronics	2018	29	14813-14826	https://link.springer.com/article/10.1007/s10854-018-9618-7
Hybrid SOM–PCA method for modeling bearing faults detection and diagnosis	Fadda, M.L., Moussaoui, A.	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	40		https://link.springer.com/article/10.1007/s40430-018-1184-7
Enhancement of Compressed Image Transmission in WMSNs Using Modified μ -Nonlinear Transformation	Ammar Bouchemel Djamel Abed Abdelkrim Moussaoui	934IEEE COMMUNICATIONS LETTERS	2018	99	934-937	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8307090
Steel strip surface defect identification based on binarized statistical features	Zoheir Mentouri Abdelkrim Moussaoui Djalil Boudjehem Doghmane Hakim	UPB Scientific Bulletin, Series B: Chemistry and Materials Science	2018	80	145-156	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full550_597847.pdf

Publications nationales

Propriétés électriques du polyéthylène téréphtalate en couche "mince" par la méthode de DPS	Mohamed Laid Zenina, Lazhar Herous	Synthèse: Revue des Sciences et de la Technologie	2018	36	170-176	http://dpubma.univ-annaba.dz/?p=7722
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Communications Internationales

Performance Evaluation of Illuminance Based on LEDs Spacing in Indoor Positioning System Based on VLC	A. Chaabna, A. Babouri, X. Zhang and S. Laifa “	Third International Conference on Technological Advances in Electrical Engineering, ECTAEE18. 10-11 December 2018, Skikda, Algeria	2018			http://conferences.univ-skikda.dz/ictee/
Performance Evaluation of Illuminance Based on LEDs Spacing in Indoor Positioning System Based on VLC	A. Chaabna, A. Babouri, X. Zhang and S. Laifa “	Third International Conference on Technological Advances in Electrical Engineering, ECTAEE18. 10-11 December 2018, Skikda, Algeria	2018	36	170-176	
Modélisation de déclin de potentiel de surface d'un polymère (PET) par réseaux de neurones artificiels	Kasri souad ; lazhar herous	Les 4ème Journées Internationales de Chimie Organique d'Annaba				
Neuronal approach for estimating surface potential decay in polyethylene terephthalate	Kasri souad ; lazhar herous	Third international conference on advanced technologies and electrical engineering				
Déclin de Charges Electriques sur des Plaques de Polypropylène	Karima Smili Lazhar Herous	International Seminar in Industrial Engineering and Applied Mathematics ISIEAM 2018				
Experimental investigation and using design of experiments to evaluate the electrical discharge in polypropylene films	Karima Smili Lazhar Herous and Nemamcha Mohamed	4 international conference on advances in mechanical engineering Istanbul Turkey				
Partial discharge	Karima Smili	4 international conference on				

diagnostics on impregnated polypropylene films	Lazhar Herous and Nemamcha Mohamed	advances in mechanical engineering Istambul Turkey				
Optimal Design of Permanent Magnet Generator for Wind Turbine Application	Sofiane Mendaci, Ahcene Lemzadmi and Messaoud Boulouh	3rd International Conference on Recent Advances in Electrical Systems ICRAES'18, Hammamet, Tunisia Dec. 23 – Dec. 25, 2018	2018		pp:121-126	https://journal.esrgr.oups.org/jes/icraes/ProceedingsICRAES2018.pdf
Electrodeposition of manganese oxide on carbonpaper and their applications in renewable energies Electrodeposition de l'oxyde de manganèse sur le papier de carbone et leurs applications en énergies renouvelables	Zineb Nabti, Tarik Bordjiba, Sara Bezzazi, Imane Saidia	International Conference on Electrical Sciences and Technologies in Maghreb (CISTEM)	2018		663-667	https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Nabti%20Zineb
Nouvelle approche pour le développement des électrodes à base de papier carbone et oxyde de manganèse pour application en stockage d'énergies renouvelables	Nabti Zineb, Tarik Bordjiba	Cinquième Colloque International De Chimie, CIC-5, Batna, 04-06 Décembre 2018.	2018.		144	https://www.yumpu.com/fr/document/read/62285771/cic5-proceeding-2018
Synthèse et Caractérisation des Nanoparticules de l'Oxyde de Manganèse Bien Dispersées sur le Microfibres de Carbone et Leurs Applications en Energies Renouvelables	Nabti Zineb, Tarik Bordjiba, K.Bachari, Ali Benayahoum	Fourth International Conference on Energy, Materials, Applied Energetics and Pollution. ICEMAEP2018, April 29-30, 2018, Université 8 mai 1945 - GUELMA, Algérie	2018		1894	https://apps.umc.edu.dz/CIEMEAP18.pdf
Amélioration de la stabilité des caractéristiques physico-chimiques et température ambiante	Nabti Zineb, Tarik Bordjiba	premier Séminaire Internationale sur l'Agroalimentaire(SIA 2018)Université 8 mai 1945 - GUELMA, Algérie	2018		100	https://www.academia.edu/37608353/Acte_du_S%C3%A9minaire_Internationale_sur_L'Agro-

						alimentaire SIA 2018
Solid State Electrochemical Capacitors	Daniel Bélanger, Tarik Bordjiba	234th meeting of the electrochemical society and The Americas International Meeting on Electrochemistry and Solid State Science AiMES 2018 Meeting, Cancun, Mexico	2018			http://ma.ecsdl.org/content/MA2018-02/3/172.abstract
μ -Synthesis Control of a Seismic Excited Building	Karima Chaker Abdelkrim Moussaoui Badreddine Sbartai	Conference: International Congress and Exhibition "Sustainable Civil Infrastructures: Innovative Infrastructure Geotechnology"	2018		72-82	https://link.springer.com/chapter/10.1007/978-3-319-61914-9_6
Communications nationales						
CARACTERISATIONS PHYSICOCHIMIQUE ET ELECTROCHIMIQUES D'OXYDE DE MANGANESE ELECTRO DEPOSE	Zineb Nabti, Tarik Bordjiba, Sara Bezzazi, Imane Saidia	Journée Elaboration et Modélisation Nationale: « Etude des Matériaux : » MEM'2018, Université 8 mai 1945 - GUELMA, Algérie	2018		123	
ELABORATION DE L'OXYDE DE ZINC NANOSTRUCTURE	O. Mahmoudi, Z. Nabti, T. Bordjiba, A. Allele, O. Salmi	Journée Elaboration et Modélisation Nationale: « Etude des Matériaux : » MEM'2018, Université 8 mai 1945 - GUELMA, Algérie	2018		42	
Synthèse de nano carbone structuré de haute qualité pour application en énergies renouvelables	Chaima Chaib, Tarik Bordjiba	Journée Elaboration et Modélisation Nationale: « Etude des Matériaux : » MEM'2018, Université 8 mai 1945 - GUELMA, Algérie	2018			