

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

Année 2017

LABORATOIRE: Laboratoire de Génie Electrique de Guelma

SPECIALITE: Génie Electrique						
Publications Internationales						
Titre	Auteurs	Revue	Année	Volume	Page	URL
Neutralization of charged dielectric materials using a dielectric barrier discharge	Aida Moussaoui, Miloud Kachi, Ayyoub Zouaghi, Noureddine Zouzou	Journal of Electrostatics	2017	87	pp. 102-109	https://www.sciencedirect.com/science/article/pii/S0304388616303023
Triboelectrification of granular insulating materials as affected by dielectric barrier discharge (DBD) treatment	Abdelkader Nadjem, Miloud Kachi, Fethi Bekkara, Karim Medles, Thami Zeghloul, Lucian Dascalescu	Journal of Electrostatics	2017	86	pp. 18-23	https://www.sciencedirect.com/science/article/pii/S0304388616301255
Personalized recommender system for e-Learning environment	S Benhamdi, A Babouri, R Chiky	Education and Information Technologies	2017	22	1455-1477	https://link.springer.com/article/10.1007/s10639-016-9504-y
Experimental and theoretical modelling of the electric and magnetic fields behaviour in the vicinity of high-voltage power lines	Tourab Wafa, Ourici Amel and Abdesselam Babouri		2017	7	68-76	https://sproc.org/ojs/index.php/gjcs/article/view/2713
Corrosion resistance of monolayer hexagonal boron nitride on copper	F. Mahvash, S. Eissa, T. Bordjiba, A. C.Tavares, T. Szkopek, M. Siaj	<i>Scientific Reports</i>	2107	7	42139	https://www.nature.com/articles/srep42139
Development of Composite Material Based on Porous Microfibrous Carbon and Zinc Oxide for Energy Storage Application	Youcef Guetteche, Tarik Bordjiba, Bilel Bouguerne, Zineb Nabeti, Ourida Mahmoudi,	Int. J. Electrochem. Sci	2017	12	1874 – 1884	www.electrochemsci.org

	Ahcen Lemzademi					
Design and real-time implementation of a decentralized sliding mode controller for twin rotor multi-input multi-output system	FARAH Faris MOUSSAOUI Abdelkrim BOUKHETALA Djamel TADJINE Mohamed	Proceedings of the Institution of Mechanical Engineers Part I Journal of Systems and Control Engineering	2017	231(1)	3-13	http://journals.sagepub.com/doi/abs/10.1177/0959651816680457
μ -Synthesis Control Applied to Counter the Seismic Load Action on a Building Structure	CHAKER Karima MOUSSAOUI Abdelkrim SBARTAI Badreddine	International Review of Automatic Control	2017	10(1)	92	http://www.praiseworthyprize.org/jsm/index.php?journal=ireaco&page=article&op=view&path[]=19747
Robust Control of a Seismic Excited Building Facing to Structured Uncertainties	CHAKER Karima MOUSSAOUI Abdelkrim SBARTAI Badreddine	WSEAS Transactions on Systems	2017	16	19-26	http://www.wseas.org/multimedia/journals/systems/2017/a065802-867.php
Faults Detection and Diagnosis Approach Using PCA and SOM Algorithm in PMSG-WT System	Fadda Mohamed Lamine, Moussaoui Abdelkrim	WSEAS Transactions on Systems	2017	16	159-167	http://www.wseas.org/multimedia/journals/systems/2017/a365802-819.php
Localization of thermal anomalies in electrical equipment using Infrared Thermography and support vector machine	LAIB Yazid MANSOUR Moufid MOUSSAOUI Abdelkrim	Infrared Physics & Technology	2018	89	120-128	https://www.sciencedirect.com/science/article/pii/S1350449517306631?via%3Dihub
<i>Publications nationales</i>						
Identification Approaches for steel strip surface defects in hot rolling process	MENTOURI Zoheir MOUSSAOUI Abdelkrim BOUDJEHEM Djilil BOUDIAF Adel ZIANI Slimane	Nature & Technology Journal (Volume A : Fundamental & Engineering Sciences)	2018	Issue 18	58-63	http://www.univ-chlef.dz/RevueNatec/issue=18/Article_A/Article_492.pdf
<i>Communications Internationales</i>						
Prediction of mobilities in	Ahcene Lemzadmi, A.	The	2017			

SF6-N2 gas mixture using artificial neural networks	Guerroui, Abdelkarim Moussaoui & Tarek Bordjiba	International Conference on Recent Advances in Electrical Systems (ICRAES'17)				
Tribocharging of PP granules after exposure to a Dielectric Barrier Discharge (DBD): Effect of exposure duration voltage amplitude and frequency	Gontran Richard, Abdelkader Nadjem, Karim Medles, Miloud Kachi, Thami Zeghloul, Lucian Dascalescu	Annual Meeting of the Electrostatics of America-ESA, Ottawa, Canada 2017	2017			http://www.electrostatics.org/images/2017_I2.pdf
Experimental Study of an Inclined-Plane Electrostatic Separator	Abdelkader Nadjem, Miloud Kachi, Karim Rouagdia, Mokdad Remadnia	3rd International Symposium on Materials and Sustainable Development ISMSD2017 November 07 & 08, 2017, Boumerdes – Algeria	2017			https://cimdd2017.sciencesconf.org/resource/listeparticipants
Electrostatic characterization of cereal grains	Mokdad Remadnia, Karim Rouagdia, Miloud Kachi, Abdelkader Nadjem	5th International Conference on Electrical Engineering, Boumerdes (ICEE-B), Algeria 2017	2017			http://ieeexplore.ieee.org/abstract/document/8192192
Corona Charging and Charge Decay on Polyethylene Terephthalate Films (PET)	M.L.Znina, L.Herous	First Arab Conference on Mechanical Engineering	2017			

		(ARCME' 17) Biskra, Algeria, December 3- 4, 2017				
Etude de l'influence du taux de cristallinité du PET sur son déclin de potentiel en surface	M.L.Znina, L.Herous	4th International Conference on Maintenance and Industrial Safety (CIMSI' 2017 , Skikda, Algeria	2017			http://fttech.univ-skikda.dz/CIMSI2017/images/proceeding.pdf
Factors that influence tribocharging of lytetrafluorethylène (PTFE)	H. Mellouki , L. Herous	3eme conférence internationale de la mécanique 26/27 avril 2017 Annaba	2017			
Tribo and Corona Charging and Charge Decay on Polymers Plates	H. Mellouki, L. Herous L. Dascalescu	The 5th International Conference on Electrical Engineering – Boumerdes (ICEE-B), October 29- 31, 2017, Boumerdes, Algeria	2017			
An Indoor Positioning System Based on Visible Light Communication Using a Solar Cell as Receiver,	A. Chaabna, A. Babouri and X. Zhang	International Conference on Artificial Intelligence in Renewable Energetic	2017		43-49	https://www.springer.com/la/book/9783319731919

		Systems, IC-AIRES'2017, Tipaza, Algeria				
Corrosion resistance of monolayer hexagonal boron nitride on copper	F. Mahvash, S. Eissa, T. Bordjiba, A. C.Tavares, T. Szkopek, M. Siaj	Scientific Reports	2107	7	42139	https://www.nature.com/articles/srep42139
Development of Composite Material Based on Porous Microfibrous Carbon and Zinc Oxide for Energy Storage Application	YoucefGuetche, Tarik Bordjiba , BilelBouguerne , Zineb Nabeti , OuridaMahmoudi , AhcenLemzademi	International Journal of Electrochemical Science	2107	12	1874 – 1884	http://www.electrochemsci.org/papers/vol12/120301874.pdf
Synthèse et Caractérisation de Nanocomposites à base de Nanotubes de Carbone et Oxyde de Zinc pour Application en Energies Renouvelables	Zineb Nabti, Tarik Bordjiba, OuridaMahmoudi, Asma Allele, WahidaSalmi.	The Third International Symposium on Mineral Industry and Environment	2107	11, 12, 13 Octobre 2017	Annaba, Algérie	http://www.univ-annaba.dz/relations-exterieures/manifestations-scientifiques/manifestation-nationale/item/526-le-3%C3%A8me-s%C3%A9minaire-international-sur-l%E2%80%99industrie-min%C3%A9rale-et-environnement-%E2%80%9Csimine%E2%80%9917%E2%80%9D
Monolayer of 2-Mercaptobenzimidazole on Nickel substrate Density Functional Theory Approach Synthèse d'une Résine Vinylique Modifiée par un Ester Versatique VEOVA10	MahmoudiOurida, Bordjiba Tarik, HamzaouiChokriabdel Halim, Lemzadmi Achène	The Third International Symposium on Mineral Industry and Environment	2107	11, 12, 13 Octobre 2017	Annaba, Algérie	http://www.univ-annaba.dz/relations-exterieures/manifestations-scientifiques/manifestation-nationale/item/526-le-3%C3%A8me-s%C3%A9minaire-international-sur-l%E2%80%99industrie-min%C3%A9rale-et-environnement-

						http://www.univ-annaba.dz/relations-externes/manifestations-scientifiques/manifestation-nationale/item/526-le-3%C3%A8me-s%C3%A9minaire-international-sur-l%E2%80%99industrie-min%C3%A9rale-et-environnement-%E2%80%9C3simine%E2%80%9917%E2%80%9D
Efficacité inhibitrice de la Molécule Benzotriazole sur la corrosion de l'Acier X-70 dans un milieu Acide	Benayahoum Ali, Bordjiba Tarik, BouakkazSamia, MakhloufAbd El fetah	The Third International Symposium on Mineral Industry and Environment	2107	11, 12, 13 Octobre 2017	Annaba, Algérie	
<i>Communications nationales</i>						