

**Liste des productions scientifiques**  
**(publication, communication,....)**  
**Année 2019.**

**Laboratoire : Laboratoire de Génie Electrique de Guelma**  
**Domaine de recherche : Génie électrique et électronique**

**Publications Internationales**

<b>Titre</b>	<b>Auteurs</b>	<b>Revue</b>	<b>Catégorie de la revue</b> • A <sup>+</sup> , A, B-Scopus, B-non Scopus, non classée	<b>Année</b>	<b>Micro domaine</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
A novel iterative PCA-based pansharpener method	<b>Mohamed Ghadjati, Abdelkrim Moussaoui, Abdelhak Boukharouba</b>	Remote sensing letters	A	2019	Génie électrique et électronique	Vol 10 No 3	264-273	<a href="https://www.tandfonline.com/doi/abs/10.1080/2150704X.2018.1547443">https://www.tandfonline.com/doi/abs/10.1080/2150704X.2018.1547443</a>
Dual Band Notched UWB MIMO Antenna for Surfaces Penetrating Application	Abdelhalim Chaabane, <b>Abdesselam Babouri</b>	Advanced Electromagnetics	B-Scopus	2019	Génie électrique et électronique	Vol 8 No 3	6-15	<a href="https://aemjournal.org/index.php/AEM/article/view/1062">https://aemjournal.org/index.php/AEM/article/view/1062</a>
Visible Light Communication System for Indoor	Ameur Chaabane, <b>Abdesselam Babouri,</b>	international journal of energy optimization	B-Scopus	2019	Génie électrique et électronique	Vol 8, Issue 2	47-60	<a href="https://www.igi-global.com/article/visible-light-communication-system-for-indoor-positioning-using-solar-cell-as-receiver/223501">https://www.igi-global.com/article/visible-light-communication-system-for-indoor-positioning-using-solar-cell-as-receiver/223501</a>

Positioning Using Solar Cell as Receiver	Chuanxi HUANG and Xun Zhang	and engineering (IJEEOE)						
Modeling and fuzzy MPPT controller design for photovoltaic module equipped with a closed-loop cooling system	BECHOUAT, M., SEDRAOUI, M., <b>FERAGA, C.-E.</b> , et al	Journal of Electronic Materials	A	2019	Génie électrique et électronique	Vol 48, no 9	5471-5480	<a href="https://link.springer.com/article/10.1007/s11664-019-07243-1">https://link.springer.com/article/10.1007/s11664-019-07243-1</a>
A robust performance enhancement of primary $H_{\infty}$ controller based on auto-selection of adjustable fractional weights: Application on a permanent magnet synchronous motor	GUESSOUM, Hanni, <b>FERAGA, Chams-Eddine</b> , MEHENNAOUI Lamine, et al,	Transactions of the Institute of Measurement and Control	A	2019	Génie électrique et électronique	Vol 41 no11	3248-3263.	<a href="https://journals.sagepub.com/doi/full/10.1177/0142331218823861">https://journals.sagepub.com/doi/full/10.1177/0142331218823861</a>
Enhanced Indirect Field-Oriented Control of Single-Phase Induction Motor Drive Using $H_{\infty}$	<b>FERAGA, Chams-Eddine</b> , SEDRAOUI, Moussa, et BOUIADJRA, Rochdi Bachir.	Arabian Journal for Science and Engineering	A	2019	Génie électrique et électronique	Vol 44 no 8	7187-7202	<a href="https://link.springer.com/search?query=FERAGA%2C+Chams-Eddine&amp;search-within=Journal&amp;facet-journal-id=13369">https://link.springer.com/search?query=FERAGA%2C+Chams-Eddine&amp;search-within=Journal&amp;facet-journal-id=13369</a>



## Communications Internationales

<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<i>• Proceeding de la conférence indexé dans Scopus (oui/non)</i>	<i>Micro domaine</i>	<i>Année</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
Influence of the Voltage Waveform and frequency on the Elimination of Charges by a Dielectric Barrier Discharge	<b>Moussaoui, A,</b> Zouzou,N, Zouaghi, A, <b>Kachi, M,</b> Bouchelkha, A	International Conference on Advanced Electrical Engineering, ICAEE 2019	OUI	Génie électrique et électronique	2019			<a href="https://ieeexplore.ieee.org/abstract/document/9014779">https://ieeexplore.ieee.org/abstract/document/9014779</a>
Tribocharging of granular polymer as affected by the voltage waveform and frequency of a pretreatment by a dielectric barrier discharge	<b>A. Nadjem ;</b> <b>M. Kachi ;</b> K. Medles ; G. Richard ; L.Dascalescu T. Zeghloul	International Conference on Advanced Electrical Engineering, ICAEE 2019	OUI	Génie électrique et électronique	2019			<a href="https://ieeexplore.ieee.org/abstract/document/9014670">https://ieeexplore.ieee.org/abstract/document/9014670</a>
combination of envelope extraction and multi-resolution analysis for inner race fault (irf) diagnosis in rotating machinery articulating media	<b>A.K.Moussaoui</b> Adel Boudiaf, <b>A. Lemzadmi</b>	international conference on advances in mechanical Engineering	NON	Génie électrique et électronique	2019			

for volumetric heat generation								
Application of EEMD and order tracking analysis for the detection of rolling bearing defects in non-stationary running conditions	<b>Lilia CHAABI, A LEMZADMI,</b> Abderrazek Djebala, N. Ouelaa, M. L. Bouhalais M. Khemissi Babouri	3ème ICMMM, Sousse Tunisie 20-22 Décembre 2019	NON	Génie électrique et électronique	2019			
Robustification of the generalized predictive law (GPC) by the implicit application of the $H_{\infty}$ method	AIDOU, Mohammed, SEDRAOUI, Moussa, <b>FERAGA, Chams-Eddine,</b> et al.	Proceedings of the 9th International Conference on Information Systems and Technologies.	OUI	Génie électrique et électronique	2019		1-7	<i>DOI: 10.1145/3361570.3361601</i>
Indirect Mode A Comparison Study: Direct and Control of Perturb and Observe-MPPT Algorithms for Photovoltaic System	Sami, Kahla., Mohcene, Bechouat., Toufik, Amieur., <b>Chams-Eddine, Feraga.,</b> & Moussa, Sedraoui	1st International Conference on Sustainable Renewable Energy Systems and Applications (ICSRESA), IEEE.2019	OUI	Génie électrique et électronique				<a href="https://ieeexplore.ieee.org/document/9182345">https://ieeexplore.ieee.org/document/9182345</a>
Novel strategy for preparation of nanocomposites electrode based on graphene''	<b>Tarik Bordjiba, Zineb Nabti,</b> Samia Bouakkaz, Ali Benayahoum, <b>Ahcene Lemzadmi,</b>	VI. INTERNATIONAL ENERGY TECHNOLOGIES CONFERENCE ENTECH ‘	NON	Génie électrique et électronique	2019	IV	55	<a href="https://www.researchgate.net/profile/Serhan_Hakgudener/publication/338671105_RENEWABLE_ENERGY_POTENTIAL_OF_DUHOK_A_FEASIBILITY_STUDY_FOR_MICRO-HYBRID_POWER_STATIONS/links/5e22f2df458515ba2090153f/RENEWABLE-ENERGY-POTENTIAL-OF-DUHOK-A-FEASIBILITY-STUDY-FOR-MICRO-HYBRID-">https://www.researchgate.net/profile/Serhan_Hakgudener/publication/338671105_RENEWABLE_ENERGY_POTENTIAL_OF_DUHOK_A_FEASIBILITY_STUDY_FOR_MICRO-HYBRID_POWER_STATIONS/links/5e22f2df458515ba2090153f/RENEWABLE-ENERGY-POTENTIAL-OF-DUHOK-A-FEASIBILITY-STUDY-FOR-MICRO-HYBRID-</a>

Binderless Graphene / Three-Dimensional microfibrrous Carbon Paper Composites Electrode for Electrochemical Applications	<b>Tarik Bordjiba,</b> <b>Zineb Nabti,</b> Samia Bouakkaz, Ali Benayahoum, <b>Ahcene Lemzadmi,</b>	the International Conference on Science, Engineering & Technology,(ICSET) Istanbul,Turkey	NON	Génie électrique et électronique	2019	190		<i>POWER-STATIONS.pdf</i> <a href="http://gsrd.co/Conference2019/12/Turkey/ICSET/">http://gsrd.co/Conference2019/12/Turkey/ICSET/</a>
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### *Communications nationales*

<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<i>• Proceeding de la conférence indexé dans Scopus ( oui/non )</i>	<i>Micro domaine</i>	<i>Année</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
Modeling and simulation of photovoltaic generator in Matlab/Simulink environment	<b>Feraga,Ch .</b> Sedraoui M Menasria A Aidoud, M BouallegA/H	Journée sur les Signaux et Systèmes JSS'19, organisées par le LAIG Université 8 Mai 1945 Guelma le 13/11/2019	NON	Ingénierie multidisciplinaire	2019			<a href="http://laig.univ-guelma.dz/fr/content/manifestations-2">http://laig.univ-guelma.dz/fr/content/manifestations-2</a>
Automatic face recognition using Weber face under variation illumination	BouallegA/H Menasria A <b>Feraga,Ch.</b> Aidoud, M Sedraoui M	Journée sur les Signaux et Systèmes JSS'19, organisées par le LAIG Université 8 Mai 1945 le 13/11/2019	Non	Informatique et Intelligence artificielle	2019			<a href="http://laig.univ-guelma.dz/fr/content/manifestations-2">http://laig.univ-guelma.dz/fr/content/manifestations-2</a>
Automatic recognition of hand written Arabic word using neural network	Menasria A Sedraoui M <b>Feraga,Ch.</b> BouallegA/H Aidoud, M	Journée sur les Signaux et Systèmes JSS'19, organisées par le LAIG Université 8 Mai 1945 le 13/11/2019	Non	Informatique et Intelligence artificielle	2019			<a href="http://laig.univ-guelma.dz/fr/content/manifestations-2">http://laig.univ-guelma.dz/fr/content/manifestations-2</a>

