

Liste des productions scientifiques (publications, communications,...)

Année 2022

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Faculté des Sciences et de la Technologie

Laboratoire : PIMIS

Département: Électronique et Télécommunications

<i>Productions Scientifiques 2022</i>								
<i>Publications</i>								
	<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Catégorie de la revue: A+ , A , B- Scopus, B- non Scopus, non classée</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Publications internationales</i>	<i>The Online Behaviour of the Algerian Abusers in Social Media Networks</i>	<i>Kheireddine Abainia</i>	<i>arXiv preprint arXiv</i>	<i>2022</i>				https://doi.org/10.48550/arXiv.2203.10369
	<i>Offensive Language Detection in Under-resourced Algerian Dialectal Arabic Language</i>	<i>Oussama Boucherit, Kheireddine Abainia</i>	<i>arXiv preprint arXiv</i>	<i>2022</i>				https://arxiv.org/abs/2203.10024

Publications internationales

<p>Leveraging negative capacitance ferroelectric materials for performance boosting of sub-10 nm graphene nanoribbon field-effect transistors: a quantum simulation study</p>	<p>Khalil Tamersit, M. H. Moaiyeri M. K. Q. Jooq</p>	<p>Nanotechnology</p>	<p>2022</p>	<p>A</p>	<p>33</p>	<p>465204</p>	<p>https://iopscience.iop.org/article/10.1088/1361-6528/ac8883/meta</p>
<p>A New Design Paradigm for Auto-Nonvolatile Ternary SRAMs Using Ferroelectric CNTFETs: From Device to Array Architecture</p>	<p>M. K. Q. Jooq, M. H. Moaiyeri Khalil Tamersit</p>	<p>IEEE Transactions on Electron Devices</p>	<p>2022</p>	<p>A</p>	<p>69</p>	<p>6113 - 6120</p>	<p>https://ieeexplore.ieee.org/document/9905622</p>
<p>Role of Junctionless Mode in Improving the Photosensitivity of Sub-10 nm Carbon Nanotube/Nanoribbon Field-Effect Phototransistors: Quantum Simulation, Performance Assessment, and Comparison</p>	<p>Khalil Tamersit, J. Madan, A. Kouzou, R. Pandey, R. Kennel M. Abdelrahem</p>	<p>Nanomaterials</p>	<p>2022</p>	<p>A</p>	<p>12</p>	<p>1639</p>	<p>https://www.mdpi.com/2079-4991/12/10/1639</p>

Publications internationales	<p><i>Synergy of Electrostatic and Chemical Doping to Improve the Performance of Junctionless Carbon Nanotube Tunneling Field-Effect Transistors: Ultrascaling, Energy-Efficiency, and High Switching Performance</i></p>	<p>Khalil Tamersit, A. Kouzou, H. Bourouba, R. Kennel M. Abdelrahem</p>	<p>Nanomaterials</p>	<p>2022</p>	<p>A</p>	<p>12</p>	<p>462</p>	<p>https://www.mdpi.com/2079-4991/12/3/462</p>
	<p><i>Improved performance of sub-10-nm band-to-band tunneling n-i-n graphene nanoribbon field-effect transistors using underlap engineering: A quantum simulation study</i></p>	<p>Khalil Tamersit, Z. Ramezani, I. S. Amiri</p>	<p>Journal of Physics and Chemistry of Solids</p>	<p>2022</p>	<p>A</p>	<p>160</p>	<p>110312</p>	<p>https://www.sciencedirect.com/science/article/pii/S0022369721003784</p>

<i>Publications internationales</i>	<i>Features extraction and reduction techniques with optimized SVM for Persian/Arabic handwritten digits recognition</i>	<i>Mohammed Mehdi Bouchene, Abdelhak Boukharouba</i>	<i>Iran Journal of Computer Science</i>	<i>2022</i>	<i>B</i>	<i>5</i>	<i>247-265</i>	https://link.springer.com/article/10.1007/s42044-022-00106-9
	<i>Contactless Palmprint Recognition Using Binarized Statistical Image Features-Based Multiresolution Analysis</i>	<i>N Amrouni, A Benzaoui, Rafik Bouaouina Yacine Khaldi Insaf Adjabi Ouahiba Bouglimina</i>	<i>Sensors</i>	<i>2022</i>	<i>A+</i>	<i>22</i>	<i>19</i>	https://www.mdpi.com/1424-8220/22/24/9814
	<i>Contactless Palmprint Recognition Using Binarized Statistical Image Features-Based Multiresolution Analysis</i>	<i>Bouaouina Rafik</i>	<i>Sensors</i>	<i>2022</i>	<i>A+</i>	<i>22</i>	<i>19</i>	https://www.mdpi.com/1424-8220/22/24/9814

<i>Publications internationales</i>	<i>Particle swarm optimization and two-way fixed-effects analysis of variance for efficient brain tumor segmentation</i>	<i>Naoual Atia, Amir Benzaoui Sébastien Jacques, Madina Hamiane, Kaouther El Kourd, Ayache Bouakaz, Abdeldjalil Ouahabi</i>	<i>Cancers</i>	<i>2022</i>	<i>A+</i>	<i>14</i>	<i>4399</i>	https://www.mdpi.com/2072-6694/14/18/4399
	<i>Data analysis-based time series forecast for managing household electricity consumption</i>	<i>Nour El-Houda Bezzar, Lakhdar Laimeche, Abdallah Meraoumia, Lotfi Houam</i>	<i>Demonstratio Mathematica</i>	<i>2022</i>	<i>A</i>	<i>55</i>	<i>900-921</i>	https://www.degruyter.com/document/doi/10.1515/dema-2022-0176/html
	<i>Energy-Efficient Carbon Nanotube Field-Effect Phototransistors: Quantum Simulation, Device Physics, and Photosensitivity Analysis</i>	<i>Khalil Tamersit</i>	<i>IEEE Sensors Journal</i>	<i>2022</i>	<i>A</i>	<i>22</i>	<i>288 - 296</i>	https://ieeexplore.ieee.org/document/9617612

<i>Productions Scientifiques2022</i>								
<i>Communications</i>								
	<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<i>Année</i>	<i>Proceeding de la conférence indexé dans Scopus (oui /non)</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Communications internationales</i>	<i>Improving the Current Ratio and Ambipolar Behavior of Junctionless CNTFETs Using Graded Metal Gate Work Function: A Quantum Simulation</i>	<i>Khalil Tamersit, H. Bourouba, A. Kouzou</i>	<i>19th International Multi-Conference on Systems, Signals & Devices (SSD) 2022</i>	<i>2022</i>	<i>Oui</i>	<i>N/A</i>	<i>N/A</i>	https://ieeexplore.ieee.org/document/9955940
	<i>High-Performance Detection of Toxic Gases Using a New Microsensor based on Graphene Field-Effect Transistor</i>	<i>Khalil Tamersit, A. Boualleg, H. Bourouba</i>	<i>IEEE Workshop on Complexity in Engineering (COMPENG) 2022</i>	<i>2022</i>	<i>Oui</i>	<i>N/A</i>	<i>N/A</i>	https://ieeexplore.ieee.org/document/9905463

Communications internationales	<p>High Photosensitivity in Band-to-Band Tunneling Regime of Carbon Nanotube Field-Effect Phototransistor: Numerical Investigation</p>	Khalil Tamersit	<p>IEEE Workshop on Complexity in Engineering (COMPENG) 2022</p>	2022	OUI	N/A	N/A	<p>https://ieeexplore.ieee.org/abstract/document/9905444</p>
	<p>A Semi-automatic Document Screening System for Computer Science Systematic Reviews</p>	<p>Abdelhakim Hannousse Salima Yahiouche A Semi-automatic Document Screening System for Computer Science Systematic Reviews</p>	<p>Mediterranean Conference on Pattern Recognition and Artificial Intelligence</p>	2022	Oui	201-215	1543	<p>https://link.springer.com/chapter/10.1007/978-3-031-04112-9_15</p>

Communications internationales	<p>Touchless Palmprint Identification Based on Patch Cross Pattern Representation</p>	<p>H Doghmane, K Messaoudi, MC Amara Korba, Z Mentouri, H Bourouba</p>	<p>WITS 2020: Proceedings of the 6th International Conference on Wireless Technologies, Embedded, and Intelligent Systems, Springer Singapore</p>	<p>2022</p>	<p>Oui</p>	<p>745</p>	<p>809-819</p>	<p>https://link.springer.com/chapter/10.1007/978-981-33-6893-4_73</p>
	<p>Improved face recognition under varying illumination conditions using webface-based local descriptors</p>	<p>A Boualleg, D Hakim, M Deriche, B Houcine, M Sedraoui, M Azzeddine</p>	<p>2022 IEEE 21st international Ccnference on Sciences and Techniques of Automatic Control and Computer Engineering (STA)</p>	<p>2022</p>	<p>OUI</p>	<p>N/A</p>	<p>375-379</p>	<p>https://ieeexplore.ieee.org/abstract/document/10018979</p>

Communications internationales

<p>Small-Signal Modeling and Voltage PID controller-Synthesis for Cascade Regulation of Renewable Energy Conversion System</p>	<p>Siham Aissani, Mohcene Bechouat, Menasria Azzeddine, Amieur Toufik, Moussa Sedraoui, Hakim Doghmane</p>	<p>2022 IEEE 21st international Ccnference on Sciences and Techniques of Automatic Control and Computer Engineering (STA)</p>	<p>2022</p>	<p>OUI</p>	<p>N/A</p>	<p>611-616</p>	<p>https://ieeexplore-ieee-org.snd11.arn.dz/document/10019151</p>
<p>A New Corpus and Lexicon for Offensive Tamazight Language Detection</p>	<p>Kheireddine Abainia, Kenza Kara, Tassadit Hamouni</p>	<p>Proceedings of the 7th International Workshop on Social Media World Sensors</p>	<p>2022</p>	<p>OUI</p>	<p>N/A</p>	<p>PAGES 1-6</p>	<p>https://web.archive.org/web/20220726101021id_/https://dl.acm.org/doi/pdf/10.1145/3544795.3544852</p>
<p>Vehicle Detection and Tracking in Real-time using YOLOv4-tiny</p>	<p>Aissa Amrouche, Youssouf Bentrchia, Ahcène Abed, Nabil Hezil</p>	<p>2022 7th International Conference on Image and Signal Processing and their Applications (ISPA)</p>	<p>2022</p>	<p>non</p>		<p>5</p>	<p>https://ieeexplore.ieee.org/abstract/document/9786330</p>

Communications internationales	Algerian and United Kingdom Vehicle License Plate detection based on color feature and deep learning	Aissa Amrouche; Youssouf Bentrchia; Ahcène Abed; Nabil Hezil	2022 7th International Conference on Image and Signal Processing and their Applications (ISPA)	2022	non		43	https://www.univ-soukahras.dz/fr/actualites/la-1ere-conference-internationale-delectrotechnique-et-technologies-modernes-cietm22-2
	Learning Hand-Crafted Palm-Features for a High-Performance Biometric Systems	Amel Bouchemha, Abdallah Meraoumia, Lakhdar Laimeche Lotfi Houam	WITS 2020: Proceedings of the 6th International Conference on Wireless Technologies, Embedded, and Intelligent Systems	2022	Oui			https://books.google.dz/books/about/WITS_2020.html?id=MJg5EA_AAOBAJ&redir_esc=y

<i>Communications internationales</i>	<i>Signature verification: the case of forgery by imitation</i>	<i>Boucerredj Leila, Bennacer Layachi, Kechroud Karima</i>	<i>3rd International Conference on Applied Engineering and Natural Sciences</i>	<i>2022</i>	<i>non</i>		<i>5</i>	https://www.icaens.com/
	<i>Design of an automatic handwritten signature authentication system based on CNN</i>	<i>Bouaziz Noureddine, Boucerredj Leila, Bennacer Layachi</i>	<i>1st International Conference on Innovative Academic Studies (ICIAS 2022)</i>	<i>2022</i>	<i>non</i>			https://www.icias.net/