

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

Année 2021

Etablissement Universitaire: Université 8 mai 1945 Guelma

Faculté: Sciences et Technologie

Laboratoire. Mécanique Appliquée des Nouveaux Matériaux (LMANM)

*Productions Scientifiques 2021*

*Publications*

	<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>Energy and exergy performances of a TiO<sub>2</sub>-water nanofluid-based hybrid photovoltaic/thermal collector and a proposed new method to determine the optimal height of the rectangular cooling channel</i>	<i>Cherif Ould-Lahoucine, Hamza Ramdani Driss Zied</i>	<i>Solar Energy</i>	<i>2021</i>	<i>A+</i>	<i>Vol, 221</i>	<i>page 292-306</i>	<a href="https://doi.org/10.1016/j.solener.2021.04.027">https://doi.org/10.1016/j.solener.2021.04.027</a>

Free vibration analysis of multi-span orthotropic bridge deck with rubber bearings	Farah I., Rezaiguia A., Mouassa A., Laefer D.F., Guenfoud S.	Diagnostyka	2021	B-Scopus	Vol, 22	page 11-21	<a href="https://doi.org/10.29354/diag/132209">https://doi.org/10.29354/diag/132209</a>
Comparative study between electrocoagulation used separately and coupled with adsorption for dairy wastewater treatment using response surface methodology design	Cherifi M., Guenfoud S, Bendaia M., Hazourli S., Laefer D.F., Leclerc J.P., Mecibah W	Desalination and Water Treatment	2021	A	Vol, 223	page 235-245	<a href="https://doi.org/10.5004/dwt.2021.27152">https://doi.org/10.5004/dwt.2021.27152</a>
Optimal tensile properties of biocomposites made of treated amazonian curauá fibres using Taguchi method	Gilberto García del Pino, Abderrezak Bezazi, Haithem Boumediri, Antonio Claudio Kieling, Sofia Debaini	Materials Research	2021	A	Vol, 24	(Suppl 2)	<a href="https://doi.org/10.1590/1980-5373-MR-2021-0326">https://doi.org/10.1590/1980-5373-MR-2021-0326</a>
Out-of-plane elastic constants of curved cell walls honeycombs	Amine Harkati, El Haddi Harkati, Abderrezak Bezazi Fabrizio Scarpa, Morvan Ouisse	Journal of composite structures	2021	A+	Vol, 268	113959	<a href="https://doi.org/10.1016/j.compstruct.2021.113959">https://doi.org/10.1016/j.compstruct.2021.113959</a>

	<i>Comparative study on the effect of milling and abrasive water jet cutting technologies on the tensile behavior of composite laminates carbon/epoxy</i>	<i>Adel Abidi, Sahbi Ben Salem, Abderrezak Bezazi, Haithem Boumediri</i>	<i>Mechanics of Composite Materials</i>	2021	A	Vol, 57(4)	539–550	<a href="https://doi.org/10.1007/s11029-021-09978-7">https://doi.org/10.1007/s11029-021-09978-7</a>
	<i>Tensile properties optimization of date palm leaflet fibres using Taguchi method</i>	<i>Bouhemame N., Aiadi K. E., Bezazi A., Boumediri H., Reis P.N.B, Imad A., Fabrizio Scarpa.</i>	<i>Journal of Natural Fibers</i>	2021	A+	Vol, 21	1916674	<a href="https://doi.org/10.1080/15440478.2021.1916674">https://doi.org/10.1080/15440478.2021.1916674</a>
	<i>Abnormal stiffness behaviour in artificial cactus-inspired reinforcement materials</i>	<i>Zampetakis, I., Dobah, Y.; Liu, Dong, Woods, Benjamin; Bezazi, A.; Perriman, A. Scarpa, F</i>	<i>Bioinspiration &amp; Biomimetics</i>	2021	A	Vol, 16(2)	PP-026004	<a href="https://doi.org/10.1088/1748-3190/abc1f2">https://doi.org/10.1088/1748-3190/abc1f2</a>
	<i>Investigation of the Date Palm Fiber for Green Composites Reinforcement: Thermo-physical and Mechanical Properties of the Fiber</i>	<i>Amroune, S., Bezazi, A., Dufresne, A., Scarpa, F., Imad, A</i>	<i>Journal of Natural Fibers</i>	2021	A+	Vol, 18(5)	717–734	<a href="https://doi.org/10.1080/15440478.2019.1645791">https://doi.org/10.1080/15440478.2019.1645791</a>

<p><i>Mechanical characterization of mortar reinforced by date palm mesh fibers: Experimental and statistical analysis</i></p>	<p><i>Hocine Khelifa, Abderrezak Bezazi, Haithem Boumediri, Gilberto Garcia del Pino, Paulo N.B.Reisd, Fabrizio Scarpa, Alain Dufresne</i></p>	<p><i>Construction and Building Materials</i></p>	<p>2021</p>	<p>A+</p>	<p>Vol, 300</p>	<p>124067</p>	<p><a href="https://doi.org/10.1016/j.conbuildmat.2021.124067">https://doi.org/10.1016/j.conbuildmat.2021.124067</a></p>
<p><i>Experimental investigation and optimization of output responses during dry turning of pa66-gf30 polyamide using taguchi design</i></p>	<p><i>H. Cherafa, M.A. Yallese, S. Boucherit, S. Belhadi, A. Haddad, T. Mabrouki</i></p>	<p><i>Journal of Manufacturing Technology Research</i></p>	<p>2021</p>	<p>A</p>	<p>Vol. 13</p>	<p>pp. 119-143</p>	<p><a href="https://www.proquest.com/openview/bddfa371b594ec588c8dd3fcc757ed7/1?pq-origsite=gscholar&amp;cbl=2034835">https://www.proquest.com/openview/bddfa371b594ec588c8dd3fcc757ed7/1?pq-origsite=gscholar&amp;cbl=2034835</a></p>
<p><i>Design and 3D Printing of a NonAnthropomorphic Articulated Mechanical Hand</i></p>	<p><i>A. Bouachari, A. Haddad, W. Leuchi</i></p>	<p><i>International journal of Mechanical &amp; Mechatronics Engineering</i></p>	<p>2021</p>	<p>B</p>	<p>Vol. 21</p>	<p>pp. 9-15</p>	<p><a href="http://ijens.org/Vol_21_I_02/210402-3737-IJMME-IJENS.pdf">http://ijens.org/Vol_21_I_02/210402-3737-IJMME-IJENS.pdf</a></p>
<p><i>Coated CBN cutting tool performance in green turning of gray cast iron EN-GJL-250: modeling and optimization</i></p>	<p><i>S. Chihaoui, M.A. Yallese, S. Belhadi, A. Belbah, K. Safi, A. Haddad</i></p>	<p><i>The International Journal of Advanced Manufacturing Technology</i></p>	<p>2021</p>	<p>A</p>	<p>Vol. 113</p>	<p>pp. 3643-3665</p>	<p><a href="https://link.springer.com/article/10.1007/s00170-021-06820-1">https://link.springer.com/article/10.1007/s00170-021-06820-1</a></p>

<i>Modeling, Simulation and GUI Control of a Hexapod Walking Robot</i>	A Bouachari, A Haddad, Galem, Babouri	L A	<i>International Journal of Engineering Research &amp; Technology</i>	2021	B	Vol. 10	pp. 324-328	<a href="https://www.ijert.org/modeling-simulation-and-gui-control-of-a-hexapod-walking-robot">https://www.ijert.org/modeling-simulation-and-gui-control-of-a-hexapod-walking-robot</a>
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### **Productions Scientifiques 2021**

	<b>Titre</b>	<b>Auteurs</b>	<b>Intitulé de manifestation</b>	<b>Année</b>	<b>Proceeding de la conférence indexé dans Scopus ( oui /non )</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
<b>Communications nationales</b>	<i>Effect of treatment with an alkaline or eco-friendly of the leaves of Ampelodesmos mauritanicus on the thermal and chemical behavior</i>	"Abdessamed Atoui, Abderrezak Bezazi, Haithem Boumediri, Salah Guenfoud, Reis Paulo N.B, Fabrizio Scarpa "	<i>"9èmes Journées de Chimie, Ecole Militaire Polytechnique (EMP) Chahid Abderrahmane Taleb "</i>	2021	Non		Presentati on	
<b>Communications internationales</b>	<i>Estimating the lifetime of photovoltaic modules under desert environment</i>	Badreddine LIMANE, Cherif OULD LAHOUCINE Salah Guenfoud	<i>Al-Farabi International Congress on Applied Sciences- II 'Nakhchivan' University, Azerbaijan May 2-4, 2021</i>	2021				<a href="https://www.kaznu.kz/en/">https://www.kaznu.kz/en/</a>

<p><i>Influence of the encapsulant on the thermomechanical deformation within solar cells under operating conditions</i></p>	<p><i>Badreddine LIMANE, Cherif OULD LAHOUCINE and Salah Guenfoud</i></p>	<p><i>1st International Conference on Sustainable Energy and Advanced Materials. IC-SEAM'21 April 21-22, 2021, Ouargla, Algeria.</i></p>	<p>2021</p>			<p>Presentati on No.TSPT 13</p>	<p><a href="https://www.univ-ouargla.dz/index.php/fr/accueil/annonces/item/4602-1st-international-conference-on-sustainable-energy-and-advanced-materials.html">https://www.univ-ouargla.dz/index.php/fr/accueil/annonces/item/4602-1st-international-conference-on-sustainable-energy-and-advanced-materials.html</a></p>
<p><i>Effect of solar cell dimensions on the thermal stress in PV modules under operating conditions</i></p>	<p><i>Badreddine LIMANE, Cherif OULD LAHOUCINE and Salah Guenfoud</i></p>	<p><i>International Conference on Innovative Applied Energy (Smart Exhibition) (DZENERGY 2021), 26 to 27 March 2021, Hassi Messaoud, Ouargla. Algeria.</i></p>	<p>2021</p>				<p><a href="https://dzenergy.org/">https://dzenergy.org/</a></p>
<p><i>"Impact characterization of bio-based sandwich panels with cork core"</i></p>	<p><i>Santos, P., Bouhemame, N., Reis, P.N.B., Bezazi, A</i></p>	<p><i>Procedia Structural Integrity</i></p>	<p>2021</p>	<p><i>oui</i></p>	<p>37( C )</p>	<p>833–840</p>	<p><a href="https://doi.org/10.1016/j.prostr.2022.02.016">https://doi.org/10.1016/j.prostr.2022.02.016</a></p>
<p><i>Composite Cross-Ply Laminates Stacking Sequence Effect on Post Flexural Fatigue Residual Strength</i></p>	<p><i>Bezazi, A., El Mahi, A., Bezzazi, B., Garcia Del Pino, G., Scarpa, F.</i></p>	<p><i>International Conference on Advances in Mechanical Engineering and Mechanics</i></p>	<p>2021</p>	<p><i>oui</i></p>		<p>341-347</p>	<p><a href="https://doi.org/10.1007/978-3-030-52071-7_47">https://doi.org/10.1007/978-3-030-52071-7_47</a></p>

<p><i>Composite Materials in Epoxy Resin Matrix Using Curaua Fibers</i></p>	<p><i>Garcia Del Pino, G., Bezazi, A., Boumediri, H., .. .Dehaini, J., Valenzuela Díaz, F.R.</i></p>	<p><i>International Conference on Advances in Mechanical Engineering and Mechanics</i></p>	<p>2021</p>	<p>oui</p>		<p>333-340</p>	<p><a href="https://doi.org/10.1007/978-3-030-52071-7_46">https://doi.org/10.1007/978-3-030-52071-7_46</a></p>
<p><i>The Impact of Abrasive Water Jet Cutting on Tensile Behavior of Woven Fabric CFRP</i></p>	<p><i>Abidi, A., Ben Salem S., Bezazi, A., Boumediri, H.</i></p>	<p><i>International Conference on Advances in Mechanical Engineering and</i></p>	<p>2021</p>	<p>oui</p>		<p>49-56</p>	<p><a href="https://doi.org/10.1007/978-3-030-52071-7_7">https://doi.org/10.1007/978-3-030-52071-7_7</a></p>
<p><i>Design and cold flow simulation of a supersonic single bell nozzle</i></p>	<p><i>N. Boughazi, A. Haddad</i></p>	<p><i>2nd Al-Farabi International Congress on Applied Sciences</i></p>	<p>2021</p>				<p><a href="http://www.izdas.org/farabi-fen-kongresi">www.izdas.org/farabi-fen-kongresi</a></p>
<p><i>Dry turning optimization of Inconel 718 using ceramic composite cutting tool based on Taguchi and Topsis approaches</i></p>	<p><i>H. Boumaza, S. Belhadi, M.A. Yallese, A. Haddad, I. Kouahla</i></p>	<p><i>2nd Al-Farabi International Congress on Applied Sciences</i></p>	<p>2021</p>				<p><a href="http://www.izdas.org/farabi-fen-kongresi">www.izdas.org/farabi-fen-kongresi</a></p>
<p><i>Flow analysis of a supersonic bell nozzle using the characteristic approach</i></p>	<p><i>N. Boughazi, A. Haddad, M Laib</i></p>	<p><i>International Hazar Scientific Researches conference-II</i></p>	<p>2021</p>				<p><a href="https://docplayer.biz.tr/213685280-Ii-international-hazar-scientific-researches-conference.html">https://docplayer.biz.tr/213685280-Ii-international-hazar-scientific-researches-conference.html</a></p>

<p><i>optimization of cutting parameters in the machining process of inconel 718 using the signal-to-noise ratio based taguchi grey relational analysis</i></p>	<p><i>H. Boumaza, S. Belhadi, M.A. Yallese, A. Haddad</i></p>	<p><i>International Hazar Scientific Researches conference-II</i></p>	<p>2021</p>				<p><a href="https://docplayer.biz.tr/213685280-Ii-international-hazar-scientific-researches-conference.html">https://docplayer.biz.tr/213685280-Ii-international-hazar-scientific-researches-conference.html</a></p>
<p><i>Application of the Taguchi-DEAR Methodology in Multi-Criteria Decision Making During the Dry Turning of Inconel 718</i></p>	<p><i>H. Boumaza, S. Belhadi, M.A. Yallese, A. Haddad, I. Kouahla</i></p>	<p><i>4th Intrnational Conference on Innovative Studies of Contemporary Sciences</i></p>	<p>2021</p>				<p><a href="https://www.tokyosummit.org/">https://www.tokyosummit.org/</a></p>
<p><i>Multi-objective optimization of machining parameters during dry turning of Inconel718 using Taguchi based MOORA analysis</i></p>	<p><i>H. Boumaza, S. Chihaoui, S. Belhadi, M.A. Yallese, A. Haddad</i></p>	<p><i>Middle east international conference on contemporary scientific studies-VI</i></p>	<p>2021</p>	<p>oui</p>			<p><a href="https://www.middleeastconference.org/">https://www.middleeastconference.org/</a></p>
<p><i>Multi-objective optimization of performance parameters in machining AISI D3 intended tool steel for cold working</i></p>	<p><i>k. Safi, S. Belhadi, M.A. Yallese, T.Mabrouki, A.Haddad, S. Chihaoui</i></p>	<p><i>International Hazar Scientific Researches conference-II</i></p>	<p>2021</p>				<p><a href="https://docplayer.biz.tr/213685280-Ii-international-hazar-scientific-researches-conference.html">https://docplayer.biz.tr/213685280-Ii-international-hazar-scientific-researches-conference.html</a></p>