

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 des Silicates, Polymères et Nanocomposites

Département: Génie des procédés

Productions Scientifiques 2022								
Publications								
	Titre	Auteurs	Revue	Année	Catégorie de la revue: A+ , A , B- Scopus, B- non Scopus, non classée	Volume	Page	URL
Publications internationales	Developing correlations for critical properties prediction of pure hydrocarbons and Algerian petroleum fraction	Belghit, C., Lahiouel, Y.,	Physics and Chemistry of Liquids An International Journal	2022	A	Volume 60 - Issue 5	Pages 728-737	https://www.tandfonline.com/loi/gpch20
	In situ Growth of Ni(OH) ₂ Nanoparticles on 316L Stainless Steel Foam: An Efficient Three-dimensional Non-enzymatic Glucose Electrochemical Sensor in Real Human Blood Serum Samples	Drissi, W., Satha, H.,	Electroanalysis	2022	A	Volume 34 - Issue 11	Pages 1735-1744	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/elan.202100701

<p>Structural, thermal, mechanical and physical properties of <i>Washingtoniafilifera</i> fibres reinforced thermoplastic biocomposites</p>	<p>Lekrine, A., Satha, H.,</p>	<p>Materials Today Communications</p>	<p>2022</p>	<p>A</p>	<p>Volume 31</p>	<p>Pages 103-574</p>	<p>https://www.sciencedirect.com/science/article/pii/S2352492822004408</p>
<p>Numerical analysis of the in-plane shear behavior of commingled fiber glass-polypropylene composite reinforcement using hypoelastic constitutive model</p>	<p>Deghboudj, S., Satha, H.,</p>	<p>Journal of Composite Materials</p>	<p>2022</p>	<p>A</p>	<p>Volume 56 - Issue 6</p>	<p>Pages 849-859</p>	<p>https://journals.sagepub.com/doi/abs/10.1177/00219983211065209?journalCode=jcma</p>
<p>Comparative study of flexural properties prediction of <i>Washingtoniafilifera</i> rachis biochar bio-mortar by ANN and RSM models</p>	<p>Boumaaza, M., Satha, H.,</p>	<p>Construction and Building Materials</p>	<p>2022</p>	<p>A</p>	<p>Volume 318</p>	<p>Pages 125-985</p>	<p>https://www.sciencedirect.com/science/article/pii/S095006182103717X</p>

Elaboration and Characterization of Flax Fiber Reinforced High Density Polyethylene Biocomposite: Effect of the Heating Rate on Thermo-mechanical Properties	Makhlouf, A., Satha, H.,	Journal of Natural Fibers	2022	A	Volume 19- Issue 10	Pages 3928-39 41	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1848737
Quantitatively Investigating the Effects of Fiber Parameters on Tensile and Flexural Response of Flax/Epoxy Biocomposites	Amroune, S., Satha, H.,	Journal of Natural Fibers	2022	A	Volume 19- Issue 6	Pages 2366-23 81	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1817831
Opuntia Ficus Indica fibers as reinforcement in PHBV biocomposites	A. ALANE, A., BENHAMIDA,	Materials Today	2022	A	Volume 53 - Issue 1	Pages 218-222	https://www.sciencedirect.com/science/article/pii/S2214785322000566
Statistical and Experimental Analysis of the Mechanical Properties of Flax Fibers	Amroune, S., Satha, H.,	Journal of Natural Fibers	2022	A	Volume 19- Issue 4	Pages 1387-14 01	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1775751

<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 nationales</i>	<i>Accelerated phtooxydation study of polyamide 11/Palygorskyte nanocomposites</i>	<i>Benobeidallah B. Benhamida A</i>	<i>Algerian Symposium on Renewable Energy and Materials (ASREM)</i>	<i>2022</i>	<i>NON</i>			<i>/</i>

<p>Modeling and simulation of fluid's physico-thermodynamic properties and fluid's distribution networks: genetic algorithm and artificial neural networks methods</p>	<p>Yasmina Lahiouel,</p>	<p>10èmes Journées des Sciences de l'Ingénieur</p>	<p>2022</p>	<p>NON</p>			<p>www.JSI.tn</p>
<p>Modeling and simulation of physico-thermodynamic properties: genetic algorithm and artificial neural networks methods</p>	<p>Yasmina Lahiouel,</p>	<p>The 7th International Conference on Mechanics and Energy</p>	<p>2022</p>	<p>NON</p>			<p>http://www.icme.aicme.net/</p>
<p>Study of thermal degradation kinetics of OpuntiaFicusIndica Flour/Talc reinforced Poly (Lactic Acid) Bio-Composites</p>	<p>A. Ghasallah, H. Satha</p>	<p>2nd International Seminar on Industrial Engineering and Applied Mathematics 'ISIEAM-22'</p>	<p>2022</p>	<p>NON</p>			<p>https://www.researchgate.net/profile/Fateh-Mebarek-Oudina/publication/365174371_Proceeding_of_the_International_Conference_on_Energy_and_Material_Sciences_EMS'2022/links/6368186c37878b3e878a27b1/Proceeding-of-the-International-Conference-on-Energy-and-Material-Sciences-EMS2022.pdf</p>

<p><i>Investigation on non-isothermal degradation kinetics of OpuntiaFicusIndica Flour/Talc reinforced Poly (Lactic Acid) Bio-Composites</i></p>	<p>N. Boudaoud, H. Satha</p>	<p>2nd International Seminar on Industrial Engineering and Applied Mathematics 'ISIEAM-22'</p>	<p>2022</p>	<p>NON</p>			<p>/</p>
<p><i>Thermal and flame retardant performance of polyamide 11/Palygorskyte nanocomposites</i></p>	<p>B. BENOBEIDALAH, A. BENHAMIDA</p>	<p>The first international seminar on materials synthesis ans environmental monitoring</p>	<p>2022</p>	<p>NON</p>			<p>/</p>
<p><i>Lignocellulosic fibers from cladodes of opuntia ficus indica reinforced polylactic acid biocomposites</i></p>	<p>A. ALANE, A. BENHAMIDA</p>	<p>The 1st international conference on renewable materials and energies ICRME</p>	<p>2022</p>	<p>NON</p>			<p>/</p>
<p><i>Influence of surface treatments of Cactus fibers on the properties of polylactide based biocomposites prepared by melt mixing</i></p>	<p>A. ALANE, A. BENHAMIDA</p>	<p>The first international seminar on materials synthesis and environmental monitoring</p>	<p>2022</p>	<p>NON</p>			<p>/</p>