

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

Année 2019.

Laboratoire: Silicates, Polymères et des Nanocomposites

Domaine de recherche: Sciences et Technologie.

Publications Internationales								
Titre	Auteurs	Revue	Catégorie de la revue • A ⁺ , A, B-Scopus, B-nonScopus, non classée	Année	Micro domaine	Volume	Page	URL
<i>Barium calcium titanate solid solution: Non-isothermal kinetic analysis of Ca²⁺ incorporation into BaTiO₃</i>	A. TAIBI, S. CHAGUETMI, A. LOUER, A. LAYACHI, H. SATHA	<i>Thermochimica Acta</i>	A	2019	<i>Sciences des Matériaux, Céramiques</i>	680	178356	www.elsevier.com/locate/tca
<i>Non-isothermal crystallization kinetics and nucleation behavior of isotactic polypropylene composites with micro-talc</i>	A. LAYACHI, A. MAKHLOUF, H. SATHA, R. SEGUELA	<i>Journal of Thermal Analysis and Calorimetry</i>	A	2019	<i>Sciences des Matériaux, Composites</i>	138	1081-1095	https://link.springer.com/article/10.1007/s10973-019-08262-0
<i>QSPR estimation models of normal boiling point and relative liquid density of pure hydrocarbons using MLR and MLP-ANN methods</i>	M RoubehieFissa, Y. Lahiouel , L Khaouane, S Hanini	<i>Journal of Molecular Graphics and Modelling</i>	A	2019		87	109-120	
<i>Effect of expandable and expanded graphites on the thermo-mechanical properties of polyamide 11</i>	F. OULMOU, A. BENHAMIDA , A. DORIGATO, A. PEGORETTI	<i>Elastomers and Plastics</i>	A	2019		5	175-190	https://us.sagepub.com/en-us/nam/journal/journal-elastomersplastics#description
<i>Structure and properties of polyamide 11 nanocomposites filled with fibrous palygorskite clay</i>	B. BENOBEIDALLAH, A. BENHAMIDA , A. DORIGATO, A. SOLA, M. MESSORI,	<i>Journal of Renewable Materials</i>	A	2019		7	89-102	http://techscience.com/JRM/index.html

	<i>A. PEGORETTI</i>							
<i>Effects of montmorillonite, sepiolite, and halloysite clays on the morphology and properties of polycaprolactone/bionanocomposites</i>	<i>A. KASSA, A. BENHAMIDA, M. KACI, S. BRUZAUD</i>	Polymer and Polymer Composites	<i>A</i>	<i>2019</i>		<i>28</i>	<i>338-347</i>	https://journals.sagepub.com/home/pc

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>
<i>A comparative study of chitin and water soluble polysaccharides extracted from desert truffles: "Tirmania Nivea and TerfeziaArenaria</i>	<i>Y. BOURAGHDA, H. SATHA</i>	<i>Fifth International Conference on Biobased Materials and Composites ICBMC'2019</i>	<i>Non</i>	<i>Sciences des Matériaux, biomatériaux</i>	<i>2019</i>			
<i>Non-isothermal crystallization kineticsof poly(lactid acid) polymethyle methacrylate (PMMA) copolymer</i>	<i>A. GHARSALLAH, A. LAYACHI, H. SATHA</i>	<i>Fifth International Conference on Biobased Materials and Composites ICBMC'2019</i>	<i>Non</i>	<i>Sciences des Matériaux, biomatériaux</i>	<i>2019</i>			
<i>Extraction process of Galactomannan from Algerian biomass: optimization and physic-chemical analysis</i>	<i>A. AMIOR, H. SATHA</i>	<i>Fifth International Conference on Biobased Materials and Composites ICBMC'2019</i>	<i>Non</i>	<i>Sciences des Matériaux, biomatériaux</i>	<i>2019</i>			
<i>Study of cellulose and cellulose nanofibers from citrulluscolocynthis seeds</i>	<i>I. KOUADRI, H. SATHA</i>	<i>Fifth International Conference on Biobased Materials and Composites ICBMC'2019</i>	<i>Non</i>	<i>Sciences des Matériaux, biomatériaux</i>	<i>2019</i>			
<i>Two routes to produce chitosan from AgaricusBisporus</i>	<i>A. HASSAINIA, S. BOUFI, H. SATHA</i>	<i>Fifth International Conference on Biobased Materials and Composites ICBMC'2019</i>	<i>Non</i>	<i>Sciences des Matériaux, biomatériaux</i>	<i>2019</i>			

<i>Les Matériaux sol-gels et leurs applications</i>	K. ATAMNIA, H. SATHA	<i>1er Congrès Maghrébin des Matériaux, Terres Rares: Applications (MTRA'2019)</i>	<i>Non</i>	<i>Sciences des Matériaux, caractérisation et mise à l'essai</i>	<i>2019</i>			
<i>Effet de quelques oxydes modificateurs (BaO, SrO, ZnO) sur les propriétés structurales et thermiques des verres silico-sodo-calciques</i>	K. ATAMNIA, H. SATHA	<i>1er Congrès Maghrébin des Matériaux, Terres Rares: Applications (MTRA'2019)</i>	<i>Non</i>	<i>Sciences des Matériaux, caractérisation et mise à l'essai</i>	<i>2019</i>			
<i>Optimization of pipe sizes in a fluid distribution system</i>	SouadBeddiaf, YasminaLahiouel	<i>International Conference on Mechanics and Energy</i>	<i>Non</i>		<i>2019</i>			
<i>DEVELOPMENT OF QSPR-ANN MODELS FOR PREDICTION OF NORMAL BOILING POINTS TEMPERATURE AND CRITICAL TEMPERATURE OF PETROLEUM FRACTIONS AND PURE HYDROCARBONS</i>	M Roubehie Fissa, Yasmina Lahiouel	<i>2nd World Congress on Chemistry</i>	<i>Non</i>		<i>2019</i>			
<i>Comparative study between QSPR-MLP, QSPR-SVR and QSPR-MLR models for estimation of critical temperature of pur hydrocarbons and petroleum fractions</i>	M RoubehieFissa, Yasmina Lahiouel, L Khaouane, S Hanini	<i>The 2nd Conference on Informatic and Applied Mathematics</i>	<i>Non</i>		<i>2019</i>			
<i>QSPR based models for estimation of normal boiling point temperature of pur hydrocarbons and petroleum fractions using EBF-ANN, MLP-ANN and MLR methods</i>	M RoubehieFissa, Yasmina Lahiouel, L Khaouane, S Hanini	<i>The 2nd Conference on Informatic and Applied Mathematics</i>	<i>Non</i>		<i>2019</i>			
<i>QSPR-ANN and QSPR-MLR estimation models for normal Boiling point temperature and critical temperature of pure hydrocarbons and petroleum fractions</i>	M RoubehieFissa, YasminaLahiouel, L Khaouane, S Hanini	<i>The 8th International Symposium on Hydrocarbons and Chemistry "ISHC8</i>	<i>Non</i>		<i>2019</i>			
<i>QSPR-ANN estimation models for critical pressure and critical volume of pure hydrocarbons using MLR and MLP-ANN methods</i>	M RoubehieFissa, YasminaLahiouel, L Khaouane, S Hanini	<i>The 8th International Symposium on Hydrocarbons and Chemistry "ISHC8</i>	<i>Non</i>		<i>2019</i>			

Communications nationales

<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<ul style="list-style-type: none"> • <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>
<i>Hydrolytic degradation ability of poly(L-Lactide) achieved by adding poly(methyl methacrylate),</i>	<i>N. BOUDAUD, H. SATHA.</i>	<i>8èmes Journées de Chimie (<u>JCh'08</u>), 26-27 mars 2019, EMP Bordj-Elbahri, <u>Alger</u>.</i>			<i>2019</i>			