

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

Année 2022

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Mathématique, Informatique et Sciences de la Matière

Laboratoire de Recherche en Chimie Appliquée

<i>Productions Scientifiques2022</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 nationales</i>	<i>Evaluation of the raw water treatment process in agroalimentary industry</i>	<i>H. FISLI, M. L. CHELAGHMIA, F. BOUSSAID, F. HARRAZ</i>	<i>Revue des sciences et sciences de l'ingénieur</i>	<i>2022</i>	<i>non classée</i>	<i>10</i>		https://www.asjp.cerist.dz/

Publications internationales	Multicomponent synthesis of pyranonicotinonitrile and chromene-3-carbonitrile: Studies on bioactivities and molecular docking	Dhaouya Siziani	Journal of Molecular Structure	2022	A	1264	133236	https://doi.org/10.1016/j.molstruc.2022.133236/
	A novel and ultrasensitive non-enzymatic electrochemical glucose sensor in real human blood samples based on facile one-step electrochemical synthesis of nickel hydroxides nanoparticles onto a three-dimensional Inconel 625 foam	R. KIHAL, H. FISLI, M. L. CHELAGHMIA, W. DRISSI, S. ABDI, NACEF, M. AFFOUNE, M. PONTIÉ	C. M. A.	Journal of Applied Electrochemistry	2022	A	53	315-329

Publications internationales	<p>Dendritic Cu(OH)₂ nanostructures decorated pencil graphite electrode as a highly sensitive and selective impedimetric non enzymatic glucose sensor in real human serum blood samples</p>	<p>C. BOUKHAROUBA, M. NACEF, M. L. CHELAGHMIA, R. KIHAL, W. DRISSI, FISLI, AFFOUNE, PONTIÉ</p> <p>H. A. M. M.</p>	<p>Monatshefte für Chemie - Chemical Monthly</p>	2022	A	153	171-181	<p>https://link.springer.com/article/10.1007/s00706-021-</p>
	<p>In Situ Growth of Ni(OH)₂ Nanoparticles on 316L Stainless Steel Foam: An Efficient Three-dimensional Nonenzymatic Glucose Electrochemical Sensor in Real Human Blood Serum Samples</p>	<p>W. DRISSI, M. L. CHELAGHMIA, M. NACEF, A. M. AFFOUNE, H SATHA, R KIHAL, H. FISLI, C. BOUKHAROUBA, MAXIME PONTIÉ</p>	<p>Electroanalysis</p>	2022	A	34	1735-1744	<p>https://analyticalsciencejournals.onlinelibrary.wiley.co</p>
	<p>Réaction de Claisen-Schmidt: Synthèse nouvelles molécules dérivés de 1,4-dihydropyridines quinoléique</p>	<p>Allaoua Kedjadjaa, Yousra Miloudi, Elhadj Kolli, Rachid Merdes</p>	<p>RHAZES: Green and Applied Chemistry</p>	2022	non classée	15	17	<p>https://revues.imist.ma/</p>
	<p>The antioxidant activity of N-E-caffeoyl and N-E-feruloyl tyramine conformers and their sulfured analogs contribution: density functional theory studies</p>	<p>Asma Bahloul, Ali Benayahoum, Samia Bouakkaz, Tarik Bordjiba, Abdelghani Boudjahem, Boudriche Lilya, K. Bachari</p>	<p>Theoretical Chemistry Accounts</p>	2022	A	142	1	<p>DOI: 10.1007/s00214-022-02939-w</p>

Publications internationales	<p>Tetradentate square-planar acetylumbelliferone-nickel (II) complex formation: a DFT and TD-DFT study</p> <p>acetylumbelliferone-nickel (II) complex formation: a DFT and TD-DFT study</p>	<p>Boulmokh Yamina, Belguidoum Karima, Hamamdia Fatima, Madi Fatiha, Leila Nouar, Amira-Guebailia Habiba</p>	<p>Theoretical Chemistry Accounts</p>	<p>2022</p>	<p>A</p>	<p>141</p>	<p>9</p>	<p>DOI:10.1007/s00214-022-02903-8</p>
	<p>Synthesis and spectroscopic characterization of charge transfer complexes of the donor hesperidin and π-acceptors; 2,3-dichloro-5,6-dicyano-1,4-benzoquinone and tetracyanoethylene</p>	<p>Messiad Hanane, Hamamdia Fatima, Belguidoum Karima, Lemouari Nadjet Amira-Guebailia Habiba</p>	<p>Journal of Molecular Structure</p>	<p>2022</p>	<p>A</p>	<p>1264</p>	<p>13</p>	<p>DOI:10.1016/j.molstruc.2022.133216</p>
	<p>molecular modeling study of structures, Hirschfield surface, NBO, AIM, RDG, IGM and ¹H NMR of thymoquinone/hydroxypropylβ-cyclodextrin inclusion complex from QM calculations</p>	<p>Kadri Rayene , Djellala Imane , Bouhadiba Abdelaziz, Nouar Leila , Madi Fatiha , Guendouzi Abdelkrim , Gassoumi Bouzid , Lafifi Ismahan , Houari Brahim , Oumeddour Rabah</p>	<p>Journal of Molecular Structure</p>	<p>2022</p>	<p>A</p>	<p>1249</p>	<p>13</p>	<p>https://doi.org/10.1016/j.molstruc.2021.131565</p>

Publications internationales	<p>New Cu(II) and Zn(II) complexes with diethyl phenyl (N-phenylsulfamoylamino) methyl phosphonate: Synthesis, characterisation, DFT/M11 studies, NBO, DOS, QTAIM and RDG analysis</p>	<p>Amira Khaled , Rayene Kadri , Mekki Kadri , Malika Berredjem</p>	<p>Journal of Molecular Structure</p>	<p>2022</p>	<p>A</p>	<p>1263</p>	<p>13</p>	<p>https://doi.org/10.1016/j.molstruc.2022.133003</p>	
	<p>Stability and electronic properties of V-doped ruthenium nanoclusters and their adsorptive properties towards hydrogen sulphide and serine molecules</p>	<p>M. Dardare, Boudjahem, N. Cheghib</p>	<p>A. Molecular Physics</p>	<p>2022</p>	<p>A</p>				<p>https://doi.org/10.1080/00268976.2022.2070088</p>
	<p>Adsorption and decomposition mechanism of N₂O molecule over MC₂₃ (M= Ru, Mn, V, Pd, and Rh) nanoclusters: A comparative DFT investigation</p>	<p>M. Dardare, A. Boudjahem, M. Boulbazine</p>	<p>Structural Chemistry</p>	<p>2022</p>	<p>A</p>	<p>33</p>	<p>6</p>	<p>DOI:10.1007/s11224-022-01984-2</p>	
	<p>Structural, Elastic, Electronic, and Thermodynamic Properties of A₂TiCl₆ (A = Li, Na and Rb) Compounds : DFT Investigation</p>	<p>I. Djaghout, R. Maizi, R. Ksouri, A. Boudjahemc, M. Dardare</p>	<p>Russian Journal of Inorganic Chemistry</p>	<p>2022</p>	<p>A</p>	<p>67</p>	<p>S1-S10</p>	<p>DOI: 10.1134/S0036023622601325</p>	

Publications Internationales	Ab Initio Study on Structural, Elastic, and Thermodynamic Properties of Manganese Chalcogenides MnX (X = S and Se) in NaCl Phase under Pressure	R. Ksouri, Maizi, Djaghout, A. Boudjahem, M. Derdare	R. I.	Russian Journal of Inorganic Chemistry	2022	A	67	193-200	DOI:10.1134/S0036023622020139
	Study of Structural, Elastic and Thermodynamic Properties of Metal Carbides MC (M = Ir, Rh and Ru) Using First-Principles Calculations,	R. Ksouri, R. Maizi, A. Boudjahem, I. Djaghout, M. Derdare, R. Merdes		Physics of Metals and Metallography	2022	A			https://link.springer.com/journal
	Electronic, and Magnetic Properties of Mo-Doped Gallium Clusters and Their Sensitivity toward Formaldehyde Molecule	N. Cheghib, Derdare, Boudjahem,	A. M.	Russian Journal of Inorganic Chemistry	2022	A	67	S85-S97	https://link.springer.com/journal

Productions Scientifiques2022

Communications

	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications nationales	Premiers principes de calcul des propriétés structurales, élastiques et thermodynamiques des pérovskites ATiO ₃ (A=Ba et Pb) en phase NaCl (B1)	MAIZI RAFIK, Cheghib Nedjouda, Ksouri Rabah, Abdel-Ghani Boudjahem, Meryem Dardare						
	Calcul par la méthode DFT des propriétés structurales, élastiques et thermodynamiques des chalcogénures de Plomb PbS en phase NaCl	MAIZI RAFIK, Cheghib Nedjouda, Ksouri Rabah, Abdel-Ghani Boudjahem, Meryem Dardare						
	Adsorption of the NO ₂ , N ₂ O and NH ₃ molecules over the C ₂₀ and M ₁₉ (M = Ru, Ir and Au) clusters : A DFT approach	Meryem Dardare, Abdel-Ghani Boudjahem	14eme journée thésards sur la Chimie Appliquée	2022	Non			www.univ-quelma.dz/recherche/labs/lca/present.html
	Vibrational and NMR Spectroscopic study of inclusion complex of 2-Methyl Mercapto Phenothiazine with Hydroxy Propyl β -Cyclodextrin	Mezari Yasmine, Nouar Leila, Merdes Rachid, Madi Fatiha, Djellala Imane						

Communications nationales

<p>Préparation, caractérisation et activité catalytique de nanoparticules de Rhodium</p>	<p>Gherib Houria, Abdel-Ghani Boudjahem Meryem Derdare</p>						
<p>Easy access to the glycoconjugate: 6-deoxy-6-[(3-sulfamoylphenyl)-thio-ureido]-β-cyclodextrin Etude théorique du complexe d'inclusion Curcumine/ β-CD</p>	<p>M.Stiti, H.Bouzit, M.Abdaoui, J-Y. Winum Habiba Bouzita, Maamar Stiti Sehailia Moussa Nadia Taibi</p>						
<p>Etude de l'activité antioxydante des conformères de N-E-Caffeoyl tyramine et de leurs analogues sulfurés</p>	<p>BAHLOUL Asma, BENHAYAHOU Ali, BOUAKKAZ Samia</p>						
<p>INVESTIGATING THE EFFECTS OF ASCORBIC ACID AND OLEIC ACID AS COPPER CORROSION INHIBITORS IN ACIDIC MEDIUM</p>	<p>Rahmouni Halima, Nigri Soraya Oumeddour Rabah</p>						
<p>DOCKING MOLECULAIRE DES MEDICAMENT ANTI NRTI ANTIVIRAL SUR LE SARS COV-2</p>	<p>Bochra BENCHEIKH, Rayenne DJEMIL</p>						
<p>Stability, electronic and magnetic properties of Mo-doped gallium clusters</p>	<p>Nedjouda Cheghib, Meryem Derdare, Rafik Maizi, Abdel-Ghani Boudjahem</p>						

Communications nationales	Density functional theories study of the interactions between host randomly methylated β -cyclodextrin and guest indolinonic nitroxide radical: Molecular structure, HOMO, LUMO, NCI, QTAIM analyses.	Chekatti leyla, Madi Fatiha, Nouar Leila, Oumeddour Rabah		2022				
	Synthèse et étude physicochimique des complexes de coordination Zn-Loratadine	FISLI Hassina, CHELAGHMIA Mohamed Lyamine, CHAABNIA Bilal, MERABTI Ahmed Yacine		2022				
	etude de l'activité antioxydante des conformères de N-E-Caffeoyl tyramine et de leurs analogues sulfurés tyramine et de leurs analogues sulfurés	BAHLOUL Asma, BENHAYAHOU Ali, BOUAKKAZ Samia						
	Easy access to the glycoconjugate: 6-deoxy-6-[(3-sulfamoylphenyl)-thio-ureido]- β -cyclodextrin	Maamar STITI, Habiba BOUZIT, Abdel-Ghani BOUDJAHM						

Communications internationales	SYNTHESE ET IDENTIFICATIONS DE NOUVEAUX HETEROCYCLES AZOTES DERIVES DE 3,4-DIHYDROPYRIMIDIN-2-(1H)-ONES	Miloudi Yousra	Séminaire international sur la chimie organique et pharmaceutique (ICPOC-2022) 11 et 12/10/ 2022		Oui			www.univ-skikda.dz/icpoc2022/
	THEORETICAL AND SPECTROSCOPIC STUDY OF THE INCLUSION PROCESS OF BENZOXAZOLINONE (BOA) IN B-CYCLODEXTRIN	Maamar STITI, Habiba BOUZIT, Abdel-Ghani BOUDJAHM	9th International Congress on Fundamental and Applied Sciences 2022 (ICFAS2022) which will be held in Istanbul, Turkey		Oui		104	https://icfas2022.intsa.org
	INVESTIGATION THEORIQUE SUR LE COMPLEXE HÔTE/INVITÉ : B-CYCLODEXTRINE/GINGEROL	Habiba BOUZIT, Maamar STITI, Sehailia Moussa, Nadia Taibi	Cinquième Colloque Maghrébin sur la Chimie Hétérocyclique CMCH 5-2022, la FSM, Meknès, Maroc		Oui		95	http://www.cnrsm.rnrt.tn/fr/
	Gravimetric, electrochemical and density functional theory study of orange peel extract as corrosion inhibitor for steel in acid medium	Halima Rahmouni, Soraya Nigri, Imene Brinis, Rabah Oumeddour, Rayenne Djemil	Cinquième Colloque Maghrébin sur la Chimie Hétérocyclique CMCH 5-2022	2022	Oui			http://www.cnrsm.rnrt.tn/fr/

Communications internationales	CORROSION INHIBITION OF MILD STEEL BY ASCORBIC ACID AND OLEIC ACID IN ACIDIC MEDIUM	RAHMOUNI Halima, NIGRI Soraya, OUMEDDOUR Rabah	The first International Seminar on Materials Synthesis and Environmental Monitoring		Oui			https://ismsem2022.sciencesconf.org/
	Associative and Dissociative Adsorption of N ₂ O Molecule Over C ₂₄ Fullerene Doped With V, Mn, Ru, Pd and Rh: A DFT Investigation	Abdel-Ghani Boudjahem	5ème colloque maghrébin sur la chimie hétérocyclique, Tunisie, du 13 a 15 juillet 2022.		Oui			http://www.cnrsm.rnrt.tn/fr
	a theoretical study over sensing properties of RuV clusters toward H ₂ S and serine molecules	Meryem Dardare, Abdel-Ghani Boudjahem Nedjouda Cheghib	5ème colloque maghrébin sur la chimie hétérocyclique, Tunisie, du 13 a 15 juillet 2022.		Oui			http://www.cnrsm.rnrt.tn/fr
	Adsorption of guanine molecule over the pristine, Nb-, and Au-doped boron nitride nanosheets : a DFT study	Meryem Dardare, Abdel-Ghani Boudjahem	5ème colloque maghrébin sur la chimie hétérocyclique, Tunisie, du 13 a 15 juillet 2022.		Oui			http://www.cnrsm.rnrt.tn/fr