

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

Année 2024

Etablissement Universitaire: Université 8 Mai 1945 de Guelma

Faculté: Mathématique, Informatique et Sciences de la Matière

Laboratoire de Chimie Appliquée "LCA"

	Productions Scientifiques 2024							
	Publications							
	Titre	Auteurs	Revue	Année	Catégorie de la revue: A+ , A , B- Scopus, B-non Scopus, C, non classée	Volume	Page	URL
Publications internationales	Extraits de feuilles de figuier et d'orivier comme inhibiteurs verts de corrosion de l'acier en milieu acide : Approche expérimentale et théorique	Rahmouni Halima	Analytical and Bioanalytical Electrochemistry	2024	B			http://dspace.univ-guelma.dz/jspui/handle/123456789/16336
	Electronic, Structural, Elastic, and Thermodynamic Properties of X ₂ TiBr ₆ (X = Li and Na) under Pressure: A DFT Investigation	Maizi Rafik Ksouri Rabah Boudjahem AG Derdare Meyrem Cheghib Nadjoua Djaghout Ilhem	Russian Journal of Inorganic Chemistry	2024	A	69	1..11	https://doi.org/10.1134/S0036023624600722
	DFT Study of Structural, Elastic, Electronic, and Thermodynamic Properties of Compounds Cs ₂ TiCl ₆ and Cs ₂ TiBr ₆	R. Ksouri, R. Maizi, N. Cheghib, A.-G. Boudjahem, I. Djaghout M. Derdare	Russian Journal of Inorganic Chemistry	2024	A	68	1..6	https://doi.org/10.1134/S0036023624601223
	Theoretical Study of the Elastic, Electronic, and Thermodynamic Properties of the Cs ₂ MF ₆ (M = Cr and Mo) Perovskites	N. Cheghib R. Maizi A.-G. Boudjahem M. Derdare R. Ksouri	Russian Journal of Inorganic Chemistry	2024	A	68	1...7	https://link.springer.com/article/10.1134/S0036023624601983

Publications internationales	Electrochemically activated binder-free carbon nanocomposite electrode for enhanced electrochemical capacitor	Tarik Bordjiba Amel Boudjemaa Zineb Nabti Ali Benayahoum Chaïma Chaïb Samia Bouakkaz Ahcene Lemzadmi Riane Nor El Houda Chiheb	Journal of Energy Storage	2024	A+	102	113980	https://www.sciencedirect.com/science/article/abs/pii/S2352152X24035667
	Effect of metal doping study (M = Sc, V, Ti, Fe and Mn) on the sensing performance of the Si12C12 nanocage towards the penicillamine drug molecule: a DFT study	Nedjouda Cheguib Meryem Dardare A-G Boudjahem Ali Benayahoum	Molecular Physics	2024	A	123	e2349196	https://doi.org/10.1080/00268976.2024.2349196
	Antioxidant and Protective Effects of Oleaster Oil Against Silica Nanoparticle Induced Oxidative Stress and Organ Toxicity in Rats	Malika Hamdiken Amina Bouzitouna Manel Hami Yousra Seridi Nedjoud Grara Abdelghani Boudjahem Hayette Ayed Rabah Zebba Prospero Di Pierro Andrea Balivo Alessandro Genovese	Applied sciences	2024	A	14	10046	https://doi.org/10.3390/app142110046
	Improvement of the mechanical properties of the cement mortar by the incorporation of silica particles with low and high surface area	Isma Salah Salah Zahreddine Nafa Hocine Oucief Hamid Satha Salem Chaguetmi A-G Boudjahem	www.sciencedirect.com/journal/Results-in-engineering	2024	A+ (Q1)	23	102552	https://doi.org/10.1016/j.rineng.2024.102552

Screen-printed electrodes decorated with low content Pt-Ni microstructures for sensitive detection of Zn(II), ascorbic acid and paracetamol in pharmaceutical products and human blood samples	F.Z Makhlouf Chelaghmia M.L Rafiaa Kihal Craig E. Banks Hassina Fisli Mouna Nacef Maxime Pontié Abed Mohamed Affoune ,	Microchemical Journal	2024	A	206	111467	DOI:10.1016/j.microc.2024.111467
Enhanced antioxidant properties of novel curcumin derivatives: a comprehensive DFT computational study	Yamina Boulmakh Karima Belguidoum Faiza Meddour Habiba Guebailia	Springer Nature Link Structural Chemistry	2024	A	35	825-839	https://link.springer.com/article/10.1007/s11224-023-02237-6
Exploring the efficacy of Cystoseira sedoide alga for cadmium and copper biosorption: an integrated experimental and computational study	Nadjette Bengourna Karima Belguidoum Dounya Khalla Aida Benhamida Guebailia Habiba Kouadri Imane Mouna Nacef Hamid Satha Alaa eddine Brouk Abed Mohamed Affoune	RSC Advances The Royal Society of Chemistry 2024	2024	A	14	38721	DOI: 10.1039/d4ra07331b
Enhancing bioavailability of resveratrol through complexation with π -acceptors: A spectroscopic investigation	F.Z Hamamdia Karima Belguidoum Hanane Messiad Nadjet Lemouari Hayet Belbah Habiba Guebailia	Journal of Molecular Structure	2024	A	1315	138685	https://doi.org/10.1016/j.molstruc.2024.138685

	Productions Scientifiques 2024							
	Communications							
	Titre	Auteurs	Intitulé de manifestation	Année	Proceeding de la conférence indexé dans Scopus (oui /non)	Volume	Page	URL
Communications internationales	Dégradation catalytique des colorants par des nanoparticules métalliques	Asma Bahloul Ali Benyahoum Samia Bouakkaz	National Seminar on Nanomaterials: Synthesis and Applications NSN'24	2024	Nom			https://www.univ-boumerdes.dz/NSN2024/
	Synthèse en pot unique de nanoparticules de cuivre	Bahloul Asma Bouakkaz Samia	National Seminar on Nanomaterials: Synthesis and Applications NSN'24	2024	Nom			https://www.univ-boumerdes.dz/NSN2024/
	A novel Comparative Study For Simultaneous Determination Of Cd (II) and Pb (II) Based On Ruthenium Modified Screen Printed Graphite Electrode	Kadri Nahla Ghediri Dalia Fisli Hassina Affoune Abed Mohamed Chelaghmia M.L	National Seminar on Nanomaterials: Synthesis and Applications NSN'24	2024	Nom			https://www.univ-boumerdes.dz/NSN2024/
	Elaboration , caractérisation et appication des nanoparticules de cuivre	Asma Bahloul Ali Benyahoum Samia Bouakkaz	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-boumerdes.dz/NSN2024/
	A theoretical Study of the structural, elastic, electronic and Thermodynamic properties of NaNbO3 and NaTaO3 perovskites.	Ksouri Rabah Djaghout Ilhem Derdare Meyrem Boudjahem A.G Maizi Rafik Cheghib Nadjoua	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem

Effect of the hydrazine molecule on the reactivity of the nickel catalyst	Yasmine Mezari Meryem Dardare Boudjahem A.G	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Extraction et purification de cellulose et nanocellulose	Bahloul Asma Benhayahoum Ali Bouakkaz Samia	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Elaboration, caractérisation et application des nanoparticules de cuivre	Bahloul Asma Benhayahoum Ali Bouakkaz Samia	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Etude par modélisation moléculaire des interactions dans le système supramoléculaire pentanamide / β -cyclodextrine	Bouzit Habiba Stiti Maamar Sehailia Moussa Nadia Taibib Hamitouche Adh'yaeddine	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Etude théorique de la formation du complexe Cu (ii) /acide thioctique	Maamar STITI Habiba BOUZIT Rabah KSOURI A-G BOUDJAHM	3rd National Seminar Applied Chemistry	2024	non			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Exploring the properties of hydroxytriazenes and triazenes and fragmentation molecules for quantum chemical torsion scans using density functional theory	Leila LARGATE Abdelghani BOUDJAHM Rachid MERDES Ali Salah ATHMANI	3rd National Seminar Applied Chemistry	2024	non			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Qualite des eaux brutes et des eaux traitées du barrage Hammam Debagh Bouhamdane-W.Guelma nord-est l'Algerie	Nedjoua CHEGHIB Ali Salah ATHMANI Leila LARGATE	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem

Solvatochromic study and complexation of histagan with cyclodextrins: enhancing the stability and bioavailability of antihistamines	Hassina FISLI Chelaghmia Mohamed Lyamine	3rd National Seminar Applied Chemistry	2024	non			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
THE ENVIRONMENTAL IMPACT AND SUSTAINABILITY EFFORTS OF THE PHARMACEUTICAL INDUSTRY	Hassina Fisli Mohamed Lyamine Chelaghmia	3rd National Seminar Applied Chemistry	2024	non			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Electrochemical determination of trace amounts of mercury ions using functionalised screen-printed electrode	Kadri Nahla Chelaghmia M.L F.Z Makhlouf Hassina Fisli Ghediri Dalia Affoune Abed Mohamed	3rd National Seminar Applied Chemistry	2024	non			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Flexible Electrochemical Sensor Based On Graphene Screen Printed Electrode For The Highly Sensitive Detection Of Dopamine Towards Human Fluids	Kadri Nahla Chelaghmia M.L Hassina Fisli Ghediri Dalia Affoune Abed Mohamed	3rd National Seminar Applied Chemistry	2024	Non			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Investigation of the electronic and magnetic behavior of small nickel clusters and their interaction with carbon monoxide	Meryem Derdare A.G Boudjahem Nedjouda Cheghib Yasmine Mezari	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Analysis of stability and electronic properties of V-doped ruthenium nanoclusters with adsorption of hydrogen sulfide and serine molecules	Meryem Derdare Bochra Bencheikh Yasmine Mezari A.G Boudjahem Nedjouda Cheghib	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem

Évaluation qualitative des eaux de surface du bassin versant de l'oued Mafragh (nord-est algerien)	Tahani Derradji Mohamed Djidel Meryem Derdare Sofiane Laba	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Propriétés catalytiques des catalyseurs bimétalliques à base de nickel	Bochra BENCHEIKH Meryem Derdare A.G Boudjahem Nedjouda Cheghib	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Caractérisation et réactivité des nanoparticules de paladium préparées en milieu aqueux	Tahar Drabla A.G Boudjahem Nedjouda Cheghib	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Etude par GC-MS de la fraction chloroformique issue de l'extrait hydroalcolique d'ARTEMESIA ABSINTHIUM	Elhadj Koli Zeroual samir Kedjadja Aloua Yacine Aimene Nedjouda Cheghib	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Synthesis, structural characterization, molecular docking study, and evaluation of the anticancer properties of 5,5'-(4-hydroxybutylazanediyl) bis (methylene) diquinolin-8-ol	Nedjouda CHEGHIB	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Adsorption and sensing performances of the IRv nanoparticles towards the hydrazine molecule.	Nedjouda CHEGHIB Meryem Derdare A.G Boudjahem Abdelhak karamen	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem

Polymères, matériaux, nanomatériaux et matériaux.	Maizi Rafik Derdare Meriem Djaghout Ilhem	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Revêtement et étude morphologique et structurale des composés d'alliages binaires Ni-Fe électro déposées dans le milieu liquide ionique [BuMePyr][Tf2N]	Rafik MAIZI	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Composés du thym médicinal algérien : simulation par les serveurs SWISSADME et SUPERPRED pour l'étude in silico des paramètres pharmacocinétiques et de la bio activité.	Wafa SOUDANI Meryem DERDARE Rafik MAIZI A.G Boudjahem Samia BENRATSAH	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Computational study of interactions between quercetin and a prooxidant cis diphenylethylene.	Karima BELGUIDOUM Guibailia Habiba	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Theoretical study of an inclusion complex (beta-cyclodextrin@penam) using semi-empirical method.	Hanane MESSIAD Tareek Yousefi	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
Investigation of the electronic and magnetic behavior of small nickel clusters and their interaction with carbon monoxide.	Meryem Derdare Yasmine Mezari Nedjoua Cheghib, A.G Boudjahem	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem

Communications internationales	analysis of stability and electronic properties of V-doped ruthenium nanoclusters with adsorption of hydrogen sulfide and serine molecules.	Meryem Derdare Yasmine Mezari Nedjoua Cheghib, A.G Boudjahem	3rd National Seminar Applied Chemistry	2024	Nom			https://www.univ-guelma.dz/sites/default/files/2024-09/sem
	Synthèse et séparation par chromatographie sur colonne de nouveaux hétérocycles azotés dérivés de carbonyle α,β -insaturés	Yousra Miloudi Elhadj Kolli Allaoua Kedjadja Sofiane Ikhlef	National Symposium on: Chromatography in Bio-Medical and Pharmaceutical Research (NSCBPR-2024) Skikda	2024	Nom			http://dspace.univ-skikda.dz:4000/handle/123456789/3693
	Synthèse et Application des nanoparticules	Asma Bahloul Samia Bouakkaz Ali Benyahoum	conference on materials science and engineering ICMSE'2024 Sidi bel Abbès, Algeria, 29 et 30 Mai 2024	2024	Nom			https://www.univ-sba.dz/lpcma/icmse2024/index.html
	Dégradation catalytique des colorants par des nanoparticules métalliques	Asma Bahloul Ali Benyahoum Samia Bouakkaz	Congrès sixième colloque maghrébin de Chimie Hétérocyclique CMCH 6-2024	2024	Nom			https://cnrsm.rnrt.tn/
	Synthèse 'One-Pot' des nanoparticules de cuivre	Asma Bahloul Ali Benyahoum Samia Bouakkaz	Congrès sixième colloque maghrébin de Chimie Hétérocyclique CMCH 6-2024	2024	Nom			https://cnrsm.rnrt.tn/

Structural, elastic, electronic and thermodynamic properties of A2TiI6 (Cs=Rb or Cs) compounds: A DFT calculations	Ksouri Rabah Djaghout Ilhem Derdare Meyrem Boudjahem A.G Cheghib Nadjoua Maizi Rafik	The 1st international conference of materials engineering and renewable energy, ICMERE November 8-10, 2024 Guelma Algeria	2024	Nom			https://fstech.univ-guelma.dz/sites/default/files/icmere%2024_0.pdf
Computational Analysis of the Interaction between 2-methyl mecapto phenothiazine and hydroxypropyl β -cyclodextrin via dft techniques	Leyla Nouar Yasmine Mezari Rachid Merdes Meryem Derdare	The 7th International Symposium on Chemistry (CIC 7) 27-29 November 2024	2024	Nom			https://www.univ-batna.dz/event/7th-international-scientific-symposium-on-chemistry-cic-7-2024/
Élaboration, caractérisation et calculs DFT du complexe entre la p-cyclodextrine et la N-nitroso,N-(2-chloroéthyl), N' -sulfamoylproline	Cheghib Nadjoua Rafik Maizi A-G Boudjahem Meryem Derdare Wafa Soudani	Congrès Sixième Colloque Maghrébin de Chimie llétérocyclique CMClH 6-2024	2024	Nom			https://cnrsm.rnrt.tn/fr/index.php?actu=550&typeactu=84
Electronic properties of the gallium clusters incorporated by Mo atom and their sensing performances toward HCOH molecule.	Cheghib Nadjoua, A-G Boudjahem Meryem Derdare	Congrès Sixième Colloque Maghrébin de Chimie llétérocyclique CMClH 6-2024	2024	Nom			https://cnrsm.rnrt.tn/fr/index.php?actu=550&typeactu=84
Composes du thym médicinal algérien : simulation par les serveurs SWISSADME et SUPERPRED pour l'étude in silico des paramètres pharmacocinétiques et de la bioactivité	Wafa Soudani Laredj Hacene Cheghib Nadjoua Amoura Kamel Djahoudi Abdelghani	Congrès Sixième Colloque Maghrébin de Chimie llétérocyclique CMClH 6-2024	2024	Nom			https://cnrsm.rnrt.tn/fr/index.php?actu=550&typeactu=84

mpact de la crise sanitaire de Covid-19 sur la population Algérienne : Séquelles psychosociales, organiques et diabète.	Wafa Soudani Mohammed Bouachrine Cheghib Nedjouda	Congrès Sixième Colloque Maghrébin de Chimie llétérocyclique CMClH 6-2024	2024	non			https://cnrsm.rnrt.tn/fr/index.php?actu=550&typeactu=84
Computational Analysis of the Stability and Electronic Characteristics of GenRu Nanoclusters and Their Interaction with SO2 Molecule.	Meryem Derdare Nedjouda Cheghib Yasmine Mezari A-G Boudjahem	The 7th International Symposium on Chemistry (CIC 7) 27-29 November 2024	2024	Nom			https://www.univ-batna.dz/event/7th-international-scientific-symposium-on-chemistry-cic-7-2024/
Synthesis of New cooper N-heterocyclic carbenes complexes	Yousra MILOUDI Sofiane IKHLEF Alloua KEDJADJA Zahia KABOUCHE	3rd International Conference on Recent Academic Studies ICRAS 2024 December 03-04 in 2024 at Konya/Turkey.	2024	Nom			https://as-proceeding.com/index.php/icras/home
Elastic, Electronic, and Thermodynamic Properties of the Cs ₂ , MFu (M : Cr und Mo) Compounds using DFT Calculations	Nedjouda Cheghib Rafik Maizi A-G Boudjahem Rabah Ksouri Meryem Derdare	58th ISTANBUL International Conference on Research in "Science, Engineering und Technology" (IRSET-24)	2024	Nom			https://etrg.org/conference/407
Structural, elastic, electronic and thermodynamic properties for two Compounds ,Li,TiBr,andNa, TiBr, by DFT Investigation	Nedjouda Cheghib Rafik Maizi A-G Boudjahem Rabah Ksouri Meryem Derdare	58th ISTANBUL International Conference on Research in "Science, Engineering und Technology" (IRSET-24)	2024	Nom			https://etrg.org/conference/407

Ruthenium Nanoparticle Modified Screen Printed Graphite Electrode For Anodic Stripping Voltammetric Determination of Lead	Chelaghmia M.L Ghediri Dalia Fisli Hassina Kadri Nahla Affoune Abed Mohamed	2nd International Conference on Electrochemical Science & Technology (ICEST'24)	2024	Nom			https://ocs.univ-setif.dz/ICEST2023
Sensitive Electrochemical Determination Of Acetaminophen In Pharmaceutical Formulations At Ru Nanoparticles Modified Screen-Printed Electrodes	Chelaghmia M.L Ghediri Dalia Fisli Hassina Kadri Nahla Affoune Abed Mohamed	2nd International Conference on Electrochemical Science & Technology (ICEST'24)	2024	Nom			https://ocs.univ-setif.dz/ICEST2023
Electrochemical Sensing Of Hydroquinone Using A Nano-Modified Screen Printed Electrode For Quality Control Of Tap Water	Makhlouf F.Z Chelaghmia M.L Azzedine Makhlouf Fisli Hassina, Affoune Abed Mohamed	2nd International Conference on Electrochemical Science & Technology (ICEST'24)	2024	Nom			https://ocs.univ-setif.dz/ICEST2023ICEST2023
IN625F-Ni(OH) ₂ electrodes decorated by copper nanoparticles (NPs) for sensitive detection of glucose	Rafiaa KIHALL Hassina Fisli Widad Drissi Chelaghmia M.L	7th International Symposium on Chemistry CIC-7 2024	2024	Nom			https://www.univ-batna.dz/event/7th-international-scientific-symposium-on-chemistry-cic-7-2024/
Ultrafast Amperometric Glucose Sensors based on IN625F electrode	Rafiaa KIHALL Hassina Fisli Widad Drissi Chelaghmia M.L Abed M. Affoune Hamid Satha	The First International Conference of Materials, Engineering and Renewable energy	2024	Nom			https://www.univ-guelma.dz/content/first-international-conference-materials-engineering-and-renewable-energy-09-11-november

Communications Internationales	Eco-Friendly Synthetic Approache to Loratadine Optimization: Microwave-Assisted Synthesis and β -Cyclodextrin Complexation	Hassina Fisli Mohamed Lyamine Chelaghmia	3rd International Conference on Scientific and Innovative Studies ICSIS	2024	Nom			https://as-proceeding.com/index.php/icsis/home
	Development of Greener Synthetic Routes for Carbimazole Optimization: Microwave-Assisted Synthesis and β -Cyclodextrin Complexation	Hassina Fisli Mohamed Lyamine Chelaghmia	5th International Conference on Engineering and Applied Natural Sciences	2024	Nom			https://www.iceans.org/
	Advances in Molecular Genetics and Optimization of Antidiabetic Drugs: Towards More Effective Therapies	Hassina Fisli Mohamed Lyamine Chelaghmia	5th International Conference on Engineering and Applied Natural Sciences	2024	Nom			https://as-proceeding.com/index.php/icfar
	The Transformative Influence of Artificial Intelligence in Healthcare and the Obstacles in Novel Drug Development: A Focus on Glibenclamide	Hassina Fisli Mohamed Lyamine Chelaghmia	2nd International Conference on Scientific and Innovative Studies ICSIS	2024	Nom			https://as-proceeding.com/index.php/icsis/home
	The Revolutionary Impact of Artificial Intelligence in Healthcare and the Challenges in New Drug Design: The Case of Gliclazide	Hassina Fisli Mohamed Lyamine Chelaghmia	4th International Artificial Intelligence and Data Science Congress	2024	Nom			https://www.icada.com.tr/