

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 Physique à Guelma "LPG"

<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 internationales</i>	<i>Competing long-range and short-range interactions in ferromagnetic semiconductors: Evidence from first principle calculations</i>	<i>Y Azouz, M Benhamida, K Zanat</i>	<i>Journal of Magnetism and Magnetic Materials</i>	<i>2022</i>	<i>A</i>	<i>559</i>	<i>169518</i>	https://www.science-direct.com/science/article/abs/pii/S0304885322004413

Publications internationales	Study on the magnetic origin in p-type ferromagnetic semiconductor (Ga, Fe) Sb: ab initio calculations	K Akroud, MT Kadri, H Belkhir, K Zanat	Physica Scripta	2022	A	97	95813	https://iopscience.iop.org/article/10.1088/1402-4896/ac8959/meta
	Ab initio predictions of structures and physical properties of the KCuX (X = Se and Te) phases under pressure	M. Boualleg, B. Bennecer , F. Kalarasse	Computational Condensed Matter	2022	B	30	e00616	https://www.science-direct.com/science/article/pii/S2352214321000770?via%3Dihub

<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 internationales</i>	<i>Instability of LiBH4 monolayer: Ab initio study</i>	<i>DJEBABLIA Ikram, HAMIDANI Ali, ZANAT Kamel, HAOUAM Marwa, CHAOUI Khawla</i>	<i>1st International Conference on Scientific and Academic Research</i>	<i>2022</i>				
	<i>Stability and hydrogen storage on pristine two dimension material Si3N : Ab initio study</i>	<i>DJEBABLIA Ikram, HAMIDANI Ali, ZANAT Kamel, REBAH Nor</i>	<i>1 st International Conference on Renewable Materials and Energies</i>	<i>2022</i>				
	<i>Study of the structural, electronic and mechanical properties of novel Zintl compound SrGa2P2</i>	<i>Haouam Marwa, HAMIDANI Ali, ZANAT Kamel, Nor REBAH</i>	<i>1 st International Conference on Renewable Materials and Energies ICRME2022</i>	<i>2022</i>				

Communications internationales	<p><i>First-principles study of structural stability, electronic and mechanical properties of novel semiconductor compound.</i></p>	<p><i>Marwa Haouam, Ali Hamidani, Kamel Zanat, Ikram Djebablia, Khawla Chaoui</i></p>	<p><i>1st International Conference on Scientific and Academic Research</i></p>	<p><i>2022</i></p>				
	<p><i>Assessment of noncovalent interactions in OLP@Meβ-CD inclusion complex: quantitative and qualitative insights from AIM analysis</i></p>	<p><i>Lynda Seridi</i></p>	<p><i>4th International Conference on Applied Engineering and Natural Sciences on 10-13 November in 2022 at Konya/Turkey.</i></p>	<p><i>2022</i></p>				
	<p><i>Quantum chemical computational study of intermolecular charge transfer complex formed with Metronidazole and Π acceptor: Conceptual DFT, MESP and QTAIM approaches</i></p>	<p><i>Lynda Seridi</i></p>	<p><i>4th International Conference on Applied Engineering and Natural Sciences on 10-13 November in 2022 at Konya/Turkey.</i></p>	<p><i>2022</i></p>				

Communications internationales	<i>Theoretical study of OLP@Crysmeb structures and solvent effect on electronic parameters, FMO, NBO and UV spectra</i>	Lynda Seridi	<i>2nd International Conference on Engineering and Applied Natural Sciences on 15-18 October in 2022 at Konya/Turkey</i>	2022				
	<i>First-principles study of structural stability, electronic and mechanical properties of novel semiconductor compound</i>	Khawla Chaoui	<i>1st International Conference on Scientific and Academic Research on 10-13 December in 2022 at Konya/Turkey</i>	2022				
	<i>Instability of LiBH₄ monolayer: Ab initio study</i>	CHAOUI Khawla	<i>1st International Conference on Scientific and Academic Research on 10-13 December in 2022 at Konya/Turkey</i>	2022				

Communications internationales	<p><i>Abinitio study of 2D transition metal dichalcogenide, for thermoelectric application</i></p>	<p>CHAOUI Khawla</p>	<p><i>1st International Conference on Engineering, Natural and Social Sciences ICENSOS 2022 on December 20 - 23, 2022 in Konya, Turkey</i></p>	<p>2022</p>				
	<p><i>Theoretical prediction of electronic and optical properties of hafthydrogenated TlN monolayers for optoelectronic devices</i></p>	<p>CHAOUI Khawla</p>	<p><i>1st International Conference on Scientific and Academic Research on 10-13 December in 2022 at Konya/Turkey</i></p>	<p>2022</p>				<p>http://icme.aicme.net</p>

Communications internationales	<p>Stability, phase transition and elastic properties of lithium based compounds and hydrogen storage on pristine two dimension material Si₃N₄ : Ab initio study</p>	<p>Badis BENNECER, Nassima GUECHI, Saliha KARFAF</p>	<p>Seventh international conference on mechanics and energy (ICMAE'2022), December 21-23,2022, Hammamet Tunisia</p>	2022				
	<p>Electronic structure and effect of cobalt in the layered system LiFe_{1-x}Co_xO₂ (x=0, x=0.7, x=0.3, x=1); DFT+DMFT calculation</p>	<p>Soumia Bendhafer</p>	<p>1st International Conference on Engineering and Applied Natural Sciences on 10-13 May in 2022 at Konya/Turkey</p>	2022				