Articles parus dans des revues

N°	Nom et prénom du Chercheur	Titre	Intitulé de la Revue	Date de Publication	Lien de l'Article sur le site de la Revue
1	Benali, M., Mazouz, M.	Deeply virtual Compton scattering off the neutron.	Nature Physics 16, 191-198 (2020).	2020	https://doi.org/10.1038/s41567-019-0774-3
2	Jemii, E., Mazouz. M.	Measurement of Radioactivity in Carbonated Soft Drinks and Annual Dose Assessment	Journal of Environmental Protection 11 (9), 682-689 (2020).	2020	10.4236/jep.2020.119041
3	Jemii, E.	Screening level of Gross Alpha and Beta Activities in building materials	J. Chemistry 2020, 1741430 (2020).	2020	https://doi.org/10.1155/2020/1741430
4	Benali, M.	Geometry optimisation of a transparent axisymmetric ion trap for the MORA project.	The European Physical Journal A 56. (2020).	2020	https://doi.org/10.1140/epja/s10050-020-00168-y
5	K. Laajimi, M.H. Gazzah	Influence of Sr substitution on structural, magnetic and magnetocaloricproperties in La 0.67 Ca 0.33−x Sr xMn 0.98 Ni 0.02 O 3 manganites	journal of materials science materials in electronics, 31,15322–15335(2020).	2020	10.1007/s10854-020-04096-x
6	M.H. Gazzah	Numerical predictions of near field behavior of variable density non-reacting turbulent round jets	International Journal of Heat and Mass Transfer, 2020, 160, 120201.	2020	https://doi.org/10.1016/j.ijheatmasstransfer.2020.120201
7	B. Chouchen, M.H. Gazzah	Internal polarization electric field effects on the efficiency of InN/InxGa1-xN multiple quantum dot solar cells	Solar Energy, 2020, 201, pp. 339–347.	2020	https://doi.org/10.1016/j.solener.2020.03.011

8	M. Bouzid, M.H. Gazzah	Theoretical study of indigotine blue dye adsorption on CoFe2O4/chitosanmagnetic composite via analytical model	Colloids and Surfaces A, 589 (2020) 124467.	2020	https://doi.org/10.1016/j.colsurfa.2020.124467
9	B. Chouchen, M. Ben Ayed, M.H. Gazzah	Modeling the simultaneous effects of thermal and polarization in InGaN/GaN based high electron mobility transistors	Optik, 207 (163883) (2020) 1-8.	2020	https://doi.org/10.1016/j.ijleo.2019.163883
10	A. Sagaama, O. Noureddine, H. Ghalla, N. Issaoui	Molecular docking studies, structural and spectroscopic properties of monomeric and dimeric species of benzofuran-carboxylic acids derivatives: DFT calculations and biological activities	Comput. Biol. Chem. 87 (2020) 107311.	2020	10.1016/j.compbiolchem.2020.107311
11	H. Ghalla	A theoretical study of the global and local electrophilicity, nucleophilicity, polarizability and QTAIM theory for calix[4]arene-gas interaction	Heliyon, 6 (2020) e04554.	2020	https://doi.org/10.1016/j.heliyon.2020.e04554
12	H. Ghalla	Modeling of carbon nanospheres poly (9-vinylcarbazole) composites interaction: effect of diameter, distance and CNSs number	Theo. Chem. Acc. (2020) 139:104.	2020	https://doi.org/10.1007/s00214-020-02619-7
13	H. Ghalla	Host-guest complexation studies of NO3, NO2, CO2, and N2 gas with the calix[4]arene molecule	J. Mol. Mod. (2020) 26:149.	2020	https://doi.org/10.1007/s00894-020-04416-2
14	L. Sellaoui, H. Ghalla	Insights of the adsorption mechanism of methylene blue on brazilian berries seeds: Experiments, phenomenological modelling and DFT calculations	Chem. Eng. J. 394 (2020) 125011.	2020	https://doi.org/10.1016/j.cej.2020.125011
15	M.B. Hadj Ayed, H. Ghalla	Solvation of lithium ion in helium clusters: Structural properties and relative stabilities	J. Mol. Graph. Model. 98 (2020) 107582.	2020	https://doi.org/10.1016/j.jmgm.2020.107582

16	H. Ghalla, L. Sellaoui	Recovery of grape waste for the preparation of adsorbents for water treatment: Mercury removal	J. Environ. Chem. Eng. 8 (2020) 103738.	2020	https://doi.org/10.1016/j.jece.2020.103738
17	M. Laajimi, S. Mtiri, H. Ghalla	Structure and stability of sodium doped helium snowballs through DFT calculations, Theor.	Chem. Acc. (2020) 139:40.	2020	https://doi.org/10.1007/s00214-020-2556-5
18	H. Ghalla	Role of hydrogen bonding interactions within of the conformational preferences of calix[n=4,6,8]arene: DFT and QTAIM analysis,	J. Mol. Model. 26 (2020) 12.	2020	10.1007/s00894-019-4255-5
19	Noureddine O., Issaoui N.	Properties and reactivities of niclosamide in different media, a potential antiviral to treatment of COVID-19 by using DFT calculations and molecular docking (2020)	Biointerface Research in Applied Chemistry, 10 (6), pp. 7295-7328.	2020	covidwho-634230
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26	Issaoui, N.	Intermolecular hydrogen bond interactions in the thiourea/water complexes (Thio-(H2O)n) (n = 1, …, 5): X-ray, DFT, NBO, AIM, and RDG analyses (2020)	Journal of Molecular Modeling, 26 (6), art. no. 161.	2020	10.1007/s00894-020-04423-3
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32	Souissi Hanen, Mouna Ben Hadj Ayed	'One and two electrons pseudo-potential investigation of the (FrCs)+ and FrCs systems	Arab Journal of Basic and Applied Sciences, 2020, 27(1) 456–470.	2020	https://doi.org/10.1080/25765299.2020.1848382
33	Noureddine Issaoui	PROPERTIES AND MOLECULAR DOCKING OF ANTIVIRAL TO COVID 19 CHLOROQUINE COMBINING DFT CALCULATIONS WITH SQMFF APPROACH	International Journal of Current Advanced Research ISSN: O: 2319-6475, ISSN: P: 2319-6505 (2020).	2020	10.22541/au.159620947.70494414
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