

Hitler louis

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

488
citations

13
h-index

18
g-index

71
ext. papers

1,206
ext. citations

2.7
avg, IF

4.29
L-index

#	Paper	IF	Citations
57	Sustainable synthesis and applications of polyhydroxyalkanoates (PHAs) from biomass. <i>Process Biochemistry</i> , 2020 , 96, 174-193	4.8	40
56	A Review on the conversion of levulinic acid and its esters to various useful chemicals. <i>AIMS Energy</i> , 2019 , 7, 165-185	1.8	27
55	Any I-state solutions of the Schrodinger equation interacting with Hellmann-Ratzer potential model. <i>Indian Journal of Physics</i> , 2020 , 94, 243-251	1.4	27
54	Vibrational, electronic, spectroscopic properties, and NBO analysis of p-xylene, 3,6-difluoro-p-xylene, 3,6-dichloro-p-xylene and 3,6-dibromo-p-xylene: DFT study. <i>Heliyon</i> , 2020 , 6, e05783	3.6	18
53	Understanding the lithiation mechanisms of pyrenetetrone-based carbonyl compound as cathode material for lithium-ion battery: Insight from first principle density functional theory. <i>Materials Chemistry and Physics</i> , 2022 , 278, 125518	4.4	17
52	Antimalarial potential of naphthalene-sulfonic acid derivatives: Molecular electronic properties, vibrational assignments, and in-silico molecular docking studies. <i>Journal of Molecular Structure</i> , 2022 , 133298	3.4	17
51	Electronic structure investigation of the stability, reactivity, NBO analysis, thermodynamics, and the nature of the interactions in methyl-substituted imidazolium-based ionic liquids. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116458	6	15
50	Magnetic susceptibility measurement and heavy metal pollution at an automobile station in Ilorin, North-Central Nigeria. <i>Environmental Research Communications</i> , 2020 , 2, 015001	3.1	14
49	Synthesis, characterization, and theoretical studies of the photovoltaic properties of novel reactive azonitrobenzaldehyde derivatives.. <i>RSC Advances</i> , 2021 , 11, 28433-28446	3.7	14
48	Spectroscopic, conformational analysis, structural benchmarking, excited state dynamics, and the photovoltaic properties of Enalapril and Lisinopril. <i>Journal of the Indian Chemical Society</i> , 2022 , 100500		14
47	Approximate solution of the Schrödinger equation with Manning-Rosen plus Hellmann potential and its thermodynamic properties using the proper quantization rule. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	13
46	Novel highly-swellable and pH-responsive slow release formulations of clotrimazole with chitosan-g-PEG/starch microparticles. <i>Reactive and Functional Polymers</i> , 2019 , 135, 32-43	4.6	13
45	Synthesis, spectra (FT-IR, NMR) investigations, DFT study, in silico ADMET and Molecular docking analysis of 2-amino-4-(4-aminophenyl)thiophene-3-carbonitrile as a potential anti-tubercular agent. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130880	3.4	13
44	Meta-Hybrid Density Functional Theory Prediction of the Reactivity, Stability, and IGM of Azepane, Oxepane, Thiepane, and Halogenated Cycloheptane.. <i>ACS Omega</i> , 2022 , 7, 13704-13720	3.9	13
43	Reactivity, stability, and thermodynamics of para-methylpyridinium-based ionic liquids: Insight from DFT, NCI, and QTAIM. <i>Journal of Ionic Liquids</i> , 2022 , 100030		12
42	Antimicrobial activities of 1-phenyl-3-methyl-4-trichloroacetyl-pyrazolone: Experimental, DFT studies, and molecular docking investigation. <i>Journal of the Indian Chemical Society</i> , 2022 , 100524		10
41	Synthesis, characterization, DFT, and TD-DFT studies of (E)-5-((4,6-dichloro-1,3,5-triazin-2-yl)amino)-4-hydroxy-3-(phenyldiazenyl)naphthalene-2,7-diylbis(hydrogen sulfite). <i>SN Applied Sciences</i> , 2021 , 3, 1		9

40	Computational study on interactions between CO ₂ and (TiO ₂) _n clusters at specific sites. <i>Chinese Journal of Chemical Physics</i> , 2019 , 32, 674-686	0.9	9
39	Investigation on electronic structure, vibrational spectra, NBO analysis, and molecular docking studies of aflatoxins and selected emerging mycotoxins against wild-type androgen receptor. <i>Heliyon</i> , 2021 , 7, e07544	3.6	9
38	Synthesis, characterization, DFT studies, and molecular modeling of azo dye derivatives as potential candidate for trypanosomiasis treatment. <i>Chemical Physics Impact</i> , 2022 , 100076	1.6	9
37	Aromaticity indices, electronic structural properties, and fuzzy atomic space investigations of naphthalene and its aza-derivatives. <i>Heliyon</i> , 2021 , 7, e06138	3.6	8
36	Evaluation of the excited state dynamics, photophysical properties, and the influence of donor substitution in a donor-[Formula: see text]-acceptor system. <i>Journal of Molecular Modeling</i> , 2021 , 27, 284	2	8
35	Experimental and computational modeling of the biological activity of benzaldehyde sulphur trioxide as a potential drug for the treatment of Alzheimer disease. <i>Journal of the Indian Chemical Society</i> , 2022 , 100532		8
34	Analeptic activity of 2-Hydroxyl-5-Nitrobenzaldehyde: Experimental, DFT studies, and in silico molecular docking approach. <i>Healthcare Analytics</i> , 2022 , 2, 100030		7
33	Reactive azo compounds as a potential chemotherapy drugs in the treatment of malignant glioblastoma (GBM): Experimental and theoretical studies. <i>Journal of Photochemistry and Photobiology</i> , 2022 , 10, 100116	0.8	7
32	Spectroscopic and molecular electronic property investigation of 2-phenylpyrimidine-4, 6-diamine via ¹ H NMR, UV-Vis, FT-Raman, FT-IR, and DFT approach. <i>Journal of Molecular Structure</i> , 2022 , 1263, 133195	3.4	7
31	Approximate l-States Solutions to the Schrodinger Equation with Manning-Rosen plus Hellmann Potential via WKB Approximation Scheme. <i>Sri Lankan Journal of Physics</i> , 2018 , 19, 37	1	6
30	Anticorrosion and dispersive adsorption studies of natural andrographolide on carbon steel in acid-chloride environments. <i>Bioelectrochemistry</i> , 2021 , 141, 107840	5.6	6
29	Theoretical insight into electronic and molecular properties of halogenated (F, Cl, Br) and hetero-atom (N, O, S) doped cyclooctane. <i>Materials Chemistry and Physics</i> , 2022 , 275, 125239	4.4	6
28	Antispasmodic activity of carnosic acid extracted from rosmarinus officinalis: Isolation, spectroscopic characterization, DFT studies, and in silico molecular docking investigations. <i>Journal of Molecular Structure</i> , 2022 , 1260, 132795	3.4	6
27	Solutions to the Dirac Equation for Manning-Rosen Plus Shifted Deng-Fan Potential and Coulomb-Like Tensor Interaction Using Nikiforov-Uvarov Method. <i>International Journal of Chemistry</i> , 2018 , 10, 99	1.1	5
26	Experimental and Density Functional Theory Studies on a Zinc(II) Coordination Polymer Constructed with 1,3,5-Benzenetricarboxylic Acid and the Derived Nanocomposites from Activated Carbon. <i>ACS Omega</i> , 2021 , 6, 28967-28982	3.9	5
25	First principle density functional theory study on the electrochemical properties of cyclohexanone derivatives as organic carbonyl-based cathode material for lithium-ion batteries. <i>Arabian Journal of Chemistry</i> , 2022 , 104026	5.9	5
24	First-principles calculations of wurtzite ZnS _{1-x} Se _x solid solutions for photocatalysis. <i>Materials Today Communications</i> , 2019 , 21, 100672	2.5	4
23	l-state Solutions of the Relativistic and Non-Relativistic Wave Equations for Modified Hylleraas-Hulthen Potential Using the Nikiforov-Uvarov Quantum Formalism. <i>Oriental Journal of Physical Sciences</i> , 2018 , 3, 03-09	0	4

22	Facile fabrication of pH-responsive and swellable slow release microparticles of chlorpheniramine maleate with chitosan-starch matrices and their crosslinks. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 69, 269-283	3	4
21	Experimental and theoretical studies of the electrochemical properties of mono azo dyes derived from 2-nitroso-1-naphthol, 1-nitroso-2-naphthol, and C.I. disperse yellow 56 commercial dye in dye-sensitized solar cell. <i>Journal of Molecular Structure</i> , 2021 , 1241, 130615	3.4	4
20	In situ reduced graphene-based aerogels embedded with gold nanoparticles for real-time humidity sensing and toxic dyes elimination. <i>Mikrochimica Acta</i> , 2021 , 188, 10	5.8	4
19	Experimental and density functional theory studies on the adsorption behavior of selected gas molecules on Mg(II) coordination polymer constructed with 1,3,5-benzenetricarboxylates. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128641	3.4	3
18	Photocatalytic Conversion of CO ₂ Using ZnO Semiconductor by Hydrothermal Method. <i>Pakistan Journal of Analytical and Environmental Chemistry</i> , 2018 , 19, 1-27	4.3	3
17	A review on the state-of-the-art advances for CO ₂ electro-chemical reduction using metal complex molecular catalysts. <i>Eletica Quimica</i> , 2019 , 44, 11	2.6	3
16	Solar energy: A panacea for the electricity generation crisis in Nigeria. <i>Heliyon</i> , 2021 , 7, e07016	3.6	3
15	Understanding the aqueous chemistry of quinoline and the diazanaphthalenes: insight from DFT study. <i>Heliyon</i> , 2021 , 7, e07531	3.6	3
14	2D boron nitride material as a sensor for H ₂ SiCl ₂ . <i>Computational and Theoretical Chemistry</i> , 2022 , 1213, 113742	2	3
13	Understanding the Electronic Interactions, Vertical Excitation Analysis, and the Photovoltaic Properties of 5-(2-ethylhexyl)-1,3-di(furan-2-yl)-4H-thieno[3,4-c]pyrrole-4,6-dione		2
12	Computational screening of zeolites for the adsorption of selected pharmaceutical pollutants. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	2
11	Theoretical investigation of the stability, reactivity, and the interaction of methyl-substituted peridinium-based ionic liquids. <i>ChemistrySelect</i> , 2021 ,	1.8	2
10	Natural triterpenoids of <i>Ganoderma lucidum</i> as new, green, and effective corrosion inhibitor for steel in acidic medium: characterization, experimental and theoretical investigations. <i>Journal of Adhesion Science and Technology</i> , 1-24	2	2
9	Vibrational Characterization and Molecular Electronic Investigations of 2-acetyl-5-methylfuran using FT-IR, FT-Raman, UV-VIS, NMR, and DFT Methods.. <i>Journal of Fluorescence</i> , 2022 , 1	2.4	2
8	Spectroscopic (UV-Vis, FT-IR, FT-Raman, and NMR) analysis, structural benchmarking, molecular properties, and the in-silico cerebral anti-ischemic activity of 2-amino-6-ethoxybenzothiazole. <i>Journal of Molecular Structure</i> , 2022 , 1265, 133318	3.4	2
7	Evaluation of the bound state energies of some diatomic molecules from the approximate solutions of the Schrodinger equation with Eckart plus inversely quadratic Yukawa potential. <i>Journal of Molecular Modeling</i> , 2020 , 26, 349	2	1
6	Simulation guided prediction of zeolites for the sorption of selected anions from water: Machine learning predictors for enhanced loading. <i>Journal of Molecular Liquids</i> , 2022 , 355, 118913	6	1
5	Radiological impact of mining: new insight from cancer risk assessment of radon in water from Ifelodun beryllium mining, North-Central Nigeria using Monte Carlo simulation. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	0

4	Comparative Analysis of the Level of Pesticide Residues in Beef, Chevon and Internal Organs of Cows and Goats Slaughtered in Yola Abattoir of Adamawa State, Nigeria. <i>Current World Environment Journal</i> , 2018 , 13, 416-423	0.7	o
3	Intercalation of metal/aluminum layered double hydroxides with anionic surfactants: Experimental and density functional theory studies. <i>AIP Advances</i> , 2022 , 12, 045217	1.5	o
2	Theoretical investigation of the structural, optoelectronic, and the application of waste graphene oxide/polymer nanocomposite as a photosensitizer. <i>Materials Research Express</i> , 2022 , 9, 065301	1.7	o
1	Isolation, characterization, molecular electronic structure investigation, and in-silico modeling of the anti-inflammatory potency of trihydroxystilbene. <i>Journal of Molecular Structure</i> , 2022 , 133418	3.4	o