Olivier Holtomo

List of Publications by Year
in descending order

12	52	1937685 4	1588992 8
papers	citations	h-index	g-index

12	12	12	41
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Infrared absorption cross section and radiative forcing efficiency features of four hydrofluoropolyethers: Performance of some DFT functionals. Computational and Theoretical Chemistry, 2022, 1214, 113798.	2.5	1
2	Insight of UV-vis spectra and atmospheric implication for the reaction of Ë™OH radical towards glyphosate herbicide and its hydrates. RSC Advances, 2021, 11, 16404-16418.	3.6	1
3	Basis set dependence of 1Hâ€“X spinâ€“spin coupling constants in non-empirical pure DFT framework, X = 1H, 13C, 19F, 35Cl: Case of CHCl=CHâ€“CF3 stereoisomers. AIP Advances, 2021, 11, .	1.3	2
4	Temperature-dependent oxidation of BSCAPE molecule in methanol medium. Journal of Molecular Graphics and Modelling, 2021, 105, 107850.	2.4	0
5	Theoretical investigation of the atmospheric implication for the reaction of â€¢OH radical with CF2C(CH3)-CX3, XÂ= H, F. Journal of Molecular Graphics and Modelling, 2021, 106, 107905.	2.4	0
6	Reaction of â€¢OH with CHCl=CH-CHF2 and its atmospheric implication for future environmental-friendly refrigerant. Pure and Applied Chemistry, 2021, .	1.9	0
7	Infrared spectra of PEHA molecule and its resistance to oxidation in water and methanol media at 298.15ÂK: solvent cluster size dependency. Journal of Molecular Modeling, 2020, 26, 323.	1.8	3
8	Insight and performance of LCâ€ÐFT vs DFT in the NMR shielding and chemical shift calculations: Case of CHClï£¾CHï£¿CF3. International Journal of Quantum Chemistry, 2020, 120, e26408.	2.0	1
9	Thermodynamic of solvation, solute â€“ Solvent electron transfer and ionization potential of BSCAPE molecule and its UVâ€“vis spectra in aqueous solution. Journal of Molecular Graphics and Modelling, 2019, 92, 100-111.	2.4	5
10	DFT Study of Photochemical Properties and Radiative Forcing Efficiency Features of the Stereoisomers cis- and trans-CHClâ•CHâ€“CF₃. Journal of Physical Chemistry A, 2019, 123, 10437-10445.	2.5	11
11	Structure, antioxidative potency and potential scavenging of OH and OOH of phenylethyl-3,4-dihydroxyhydrocinnamate in protic and aprotic media: DFT study. Journal of Molecular Graphics and Modelling, 2017, 78, 221-233.	2.4	7
12	DFT study of the effect of solvent on the H-atom transfer involved in the scavenging of the free radicals â—HO2 and â—O2 â^' by caffeic acid phenethyl ester and some of its derivatives. Journal of Molecular Modeling, 2014, 20, 2509.	1.8	21