Vahidreza Darugar

List of Publications by Year
in descending order

10 papers	57 citations	1937685 4 h-index	1720034 7 g-index
10 all docs	10 docs citations	10 times ranked	45 citing authors

#	Article	IF	Citations
1	Validation of potential energy distribution by VEDA in vibrational assignment some of Î²-diketones; comparison of theoretical predictions and experimental vibration shifts upon deutration. Journal of Molecular Graphics and Modelling, 2021, 107, 107976.	2.4	20
2	Molecular structure, intramolecular hydrogen bond strength, vibrational assignment, and spectroscopic insight of 4-phenylamino-3-penten-2-one and its derivatives: A theoretical and experimental study. Journal of Molecular Liquids, 2021, 334, 116035.	4.9	6
3	Behaviours of antiviral Oseltamivir in different media: DFT and SQMFF calculations. Journal of Molecular Modeling, 2021, 27, 357.	1.8	6
4	Conformations, molecular structure, and Nâ€“Hâ‹¯O hydrogen bond strength in 4-Alkylamino-3-penten-2-ones. Journal of Molecular Structure, 2020, 1203, 127440.	3.6	5
5	Conformation, molecular structure, and vibrational assignment of bis(3,5-heptanedionato)copper(II). Journal of Molecular Structure, 2019, 1197, 443-449.	3.6	4
6	Voltageâ€“current behavior of 4-phenylamino-3-penten-2-one and its derivatives molecular switch: a first-principles study. Molecular Simulation, 2021, 47, 730-737.	2.0	4
7	Correlation Between Parameters Related to Intramolecular Hydrogen Bond Strength and Hammett Constant in Para Substituted Benzoylacetone (A Theoretical and Experimental Study). Oriental Journal of Chemistry, 2017, 33, 2579-2590.	0.3	3
8	Synthesis, structure, tautomerism, intramolecular hydrogen bond, and vibrational assignment of 3-nitroso-2,4-pentanedione: A theoretical and experimental approach. Vibrational Spectroscopy, 2020, 107, 103036.	2.2	3
9	Isomerism, conformation, and structure of Bis(4,4-dimethyl-1-phenylpentane-1,3-dionato)copper(II); A theoretical and spectroscopy approach. Journal of Molecular Structure, 2021, 1227, 129711.	3.6	3
10	Application of Hammett equation to intramolecular hydrogen bond strength in para-substituted phenyl ring of trifluorobenzoylacetone and 1-aryl-1,3-diketone malonates. European Journal of Chemistry, 2018, 9, 213-221.	0.6	3