

Vahidreza Darugar

List of Publications by Year in descending order

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papers

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