

Sedat Karabulut

List of Publications by Year in descending order

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14
papers

131
citations

1163117

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1199594

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citing authors

#	ARTICLE	IF	CITATIONS
1	QSPR modeling of optical rotation of amino acids using specific quantum chemical descriptors. <i>Journal of Molecular Modeling</i> , 2018, 24, 59.	1.8	8
2	A DFT-based QSAR study on inhibition of human dihydrofolate reductase. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 70, 23-29.	2.4	19
3	A new hybrid (experimentalâ€‘theoretical) quantitative method for detection of relative anomer concentrations in water. <i>Structural Chemistry</i> , 2016, 27, 449-455.	2.0	2
4	Molecular structure of aurothioglucose: a comprehensive computational study. <i>Tetrahedron</i> , 2015, 71, 1815-1821.	1.9	2
5	Experimental and theoretical investigation of a novel mononuclear copper(II) azido compound with tridentate (NNO) Schiff base. <i>Journal of Molecular Structure</i> , 2015, 1093, 1-7.	3.6	8
6	Reduction of aflatoxin B ₁ to aflatoxicol: A comprehensive DFT study provides clues to its toxicity. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 3134-3140.	3.5	24
7	Modeling the intermolecular interactions: Molecular structure of N-3-hydroxyphenyl-4-methoxybenzamide. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 48, 1-8.	2.4	4
8	Combining ab initio calculations and Fourier-transform infrared (FT-IR) spectroscopy for quantitative analysis of multicomponent systems in solution: Tautomer proportions of ethyl acetoacetate. <i>Vibrational Spectroscopy</i> , 2014, 74, 1-5.	2.2	1
9	Detection of tautomer proportions of dimedone in solution: a new approach based on theoretical and FT-IR viewpoint. <i>Journal of Computer-Aided Molecular Design</i> , 2013, 27, 681-688.	2.9	11
10	Anomeric and rotameric preferences of glucopyranose in vacuo, water and organic solvents. <i>Journal of Molecular Modeling</i> , 2013, 19, 3637-3645.	1.8	13
11	An FT-IR and DFT based new approach for the detection of tautomer proportions in solution. <i>Journal of Molecular Structure</i> , 2012, 1024, 151-155.	3.6	9
12	Detection of relative dimer and rotamer concentrations of diacetamide in different solvents by FT-IR spectroscopy and DFT calculations. <i>Vibrational Spectroscopy</i> , 2011, 57, 294-299.	2.2	3
13	Supramolecular lead(II) azide complex of 2,6-diacetylpyridine dihydrazone: synthesis, molecular structure, and biological activity. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2966-2973.	2.2	15
14	Synthesis, characterization, crystal structure and biological activity of the cobalt(IV) complex of 2,6-diacetylpyridine dioxime: [Co(dapdo) ₂]. <i>Transition Metal Chemistry</i> , 2007, 32, 266-270.	1.4	12