Sedat Karabulut

List of Publications by Year
in descending order

14	131	1163117 8	1199594 12
papers	citations	h-index	g-index

14	14	14	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reduction of aflatoxin <scp>B1</scp> to aflatoxicol: A comprehensive <scp>DFT</scp> study provides clues to its toxicity. Journal of the Science of Food and Agriculture, 2014, 94, 3134-3140.	3.5	24
2	A DFT-based QSAR study on inhibition of human dihydrofolate reductase. Journal of Molecular Graphics and Modelling, 2016, 70, 23-29.	2.4	19
3	Supramolecular lead(II) azide complex of 2,6-diacetylpyridine dihydrazone: synthesis, molecular structure, and biological activity. Journal of Coordination Chemistry, 2009, 62, 2966-2973.	2.2	15
4	Anomeric and rotameric preferences of glucopyranose in vacuo, water and organic solvents. Journal of Molecular Modeling, 2013, 19, 3637-3645.	1.8	13
5	Synthesis, characterization, crystal structure and biological activity of the cobalt(IV) complex of 2,6-diacetylpyridine dioxime: [Co(dapdo)2]. Transition Metal Chemistry, 2007, 32, 266-270.	1.4	12
6	Detection of tautomer proportions of dimedone in solution: a new approach based on theoretical and FT-IR viewpoint. Journal of Computer-Aided Molecular Design, 2013, 27, 681-688.	2.9	11
7	An FT-IR and DFT based new approach for the detection of tautomer proportions in solution. Journal of Molecular Structure, 2012, 1024, 151-155.	3.6	9
8	Experimental and theoretical investigation of a novel mononuclear copper(II) azido compound with tridentate (NNO) Schiff base. Journal of Molecular Structure, 2015, 1093, 1-7.	3.6	8
9	QSPR modeling of optical rotation of amino acids using specific quantum chemical descriptors. Journal of Molecular Modeling, 2018, 24, 59.	1.8	8
10	Modeling the intermolecular interactions: Molecular structure of N-3-hydroxyphenyl-4-methoxybenzamide. Journal of Molecular Graphics and Modelling, 2014, 48, 1-8.	2.4	4
11	Detection of relative dimer and rotamer concentrations of diacetamide in different solvents by FT-IR spectroscopy and DFT calculations. Vibrational Spectroscopy, 2011, 57, 294-299.	2.2	3
12	Molecular structure of aurothioglucose: a comprehensive computational study. Tetrahedron, 2015, 71, 1815-1821.	1.9	2
13	A new hybrid (experimentalâ€“theoretical) quantitative method for detection of relative anomer concentrations in water. Structural Chemistry, 2016, 27, 449-455.	2.0	2
14	Combining ab initio calculations and Fourier-transform infrared (FT-IR) spectroscopy for quantitative analysis of multicomponent systems in solution: Tautomer proportions of ethyl acetoacetate. Vibrational Spectroscopy, 2014, 74, 1-5.	2.2	1