

Senay Yurdakul

List of Publications by Year in descending order

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21
papers

157
citations

1163117

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, theoretical and experimental spectroscopic properties, molecular docking, ADMET, and RDG analysis of copper(II) complex of dichloro(1,10-phenanthroline)(1,2,4-triazole-3-carboxylic acid). <i>Chemical Papers</i> , 2022, 76, 4099-4114.	2.2	1
2	Investigations on spectroscopic characterizations, molecular docking, NBO, drug-Likeness, and ADME properties of 4H-1,2,4-triazol-4-amine by combined computational approach. <i>European Journal of Chemistry</i> , 2021, 12, 401-411.	0.6	1
3	A combined experimental and theoretical study on vibrational spectra of 3-pyridyl methyl ketone. <i>Spectroscopy Letters</i> , 2020, 53, 234-248.	1.0	14
4	Experimental and theoretical studies on molecular structures and vibrational modes of novel compounds containing silver. <i>Russian Journal of Inorganic Chemistry</i> , 2017, 62, 910-924.	1.3	3
5	An experimental and theoretical investigation of free Oxazole in conjunction with the DFT analysis of Oxazole \cdot (H ₂ O) _n complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 162, 48-60.	3.9	4
6	XRD, FT-IR, and DFT study on a novel ethyl derivative of 3-hydroxy-2-quinoxalinecarboxylic acid. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015, 119, 987-996.	0.6	0
7	Experimental and theoretical study on free 5-nitroquinoline, 5-nitroisoquinoline, and their zinc(II) halide complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 945-956.	3.9	7
8	An FT-IR and DFT study of the free and solvated 4-(imidazol-1-yl)phenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 614-622.	3.9	2
9	FTIR, Raman and NMR spectroscopic and DFT theoretical studies on poly(N-vinylimidazole). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 134, 267-275.	3.9	51
10	Quantum chemical and spectroscopic (FT-IR and FT-Raman) investigations of 3-methyl-3h-imidazole-4-carbaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 683-696.	3.9	12
11	FT-IR, FT-Raman spectra, and DFT computations of the vibrational spectra and molecular geometry of chloroxazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 339-348.	3.9	6
12	FT-IR, FT-Raman spectra and quantum mechanical study of piperidine-3-carboxylic acid and its tautomers, isomers. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2014, 116, 906-918.	0.6	1
13	Theoretical and experimental study of solvent effects on the structure, vibrational spectra, and tautomerism of 3-amino-1,2,4-triazine. <i>Journal of Molecular Structure</i> , 2013, 1052, 57-66.	3.6	10
14	FT-IR and FT-Raman spectroscopic and DFT theoretical studies on 4-azabenzimidazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 89, 252-258.	3.9	8
15	FT-IR, FT-Raman, vibrational assignments, and density functional studies of 1,2,4-triazole-3-carboxylic acid, and its tautomers, dimers. <i>Structural Chemistry</i> , 2012, 23, 433-440.	2.0	10
16	Quantum chemical studies on prototautomerism of 1H-imidazo[4,5-c]pyridine. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 2944-2959.	2.0	8
17	A quantum chemical investigation on methylated pyridines. <i>Structural Chemistry</i> , 2010, 21, 1103-1109.	2.0	9
18	Theoretical and experimental study on metal(II) halide complexes of 1,3-bis(4-pyridyl)propane. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 341-355.	1.6	1

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19	Synthesis and Vibrational Spectra of Metal Halide Complexes of 3,5-Lutidine in Relation to their Structures. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997, 27, 1235-1248.	1.8	1
20	Experimental and theoretical Fourier transform infrared and Raman spectroscopy, density functional theory, antibacterial activity and molecular docking studies on 1-(4-methoxyphenyl)-1H-imidazole. <i>Chemical Papers</i> , 0, , 1.	2.2	6
21	Synthesis, crystal structure, Hirshfeld surface analysis and molecular docking analysis of new cadmium(II) iodide complex with the pyridine, 4-(1,1-dimethylethyl). <i>Journal of Coordination Chemistry</i> , 0, , 1-23.	2.2	2