

Senay Yurdakul

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

157
citations

1163117

8
h-index

1199594

12
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21
all docs

21
docs citations

21
times ranked

198
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | A quantum chemical investigation on methylated pyridines. <i>Structural Chemistry</i> , 2010, 21, 1103-1109. | 2.0 | 9 |
| 7 | 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 |
| 8 | 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 |
| 9 | Experimental and theoretical study on free 5-nitroquinoline, 5-nitroisquinoline, and their zinc(II) halide complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 945-956. | 3.9 | 7 |
| 10 | FT-IR, FT-Raman spectra, and DFT computations of the vibrational spectra and molecular geometry of chlorzoxazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 126, 339-348. | 3.9 | 6 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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). Chemical Papers, 2022, 76, 4099-4114. | 2.2 | 1 |
| 20 | Investigations on spectroscopic characterizations, molecular docking, NBO, drug-Likeness, and ADME properties of 4H-1,2,4-triazol-4-amine by combined computational approach. European Journal of Chemistry, 2021, 12, 401-411. | 0.6 | 1 |
| 21 | XRD, FT-IR, and DFT study on a novel ethyl derivative of 3-hydroxy-2-quinoxalinecarboxylic acid. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2015, 119, 987-996. | 0.6 | 0 |