

Serpil Eryılmaz

List of Publications by Year in descending order

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16
papers

156
citations

1478505

6
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1281871

11
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16
docs citations

16
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Derivatives of pyridine and thiazole hybrid: Synthesis, DFT, biological evaluation via antimicrobial and DNA cleavage activity. <i>Bioorganic Chemistry</i> , 2020, 95, 103476.	4.1	61
2	Synthesis, crystal structure analysis, spectral characterization, quantum chemical calculations, antioxidant and antimicrobial activity of 3-(4-chlorophenyl)-3a,4,7,7a-tetrahydro-4,7-methanobenzo[d]isoxazole. <i>Journal of Molecular Structure</i> , 2016, 1122, 219-233.	3.6	25
3	Isoxazole derivatives of alpha-pinene isomers: Synthesis, crystal structure, spectroscopic characterization (FT-IR/NMR/GC-MS) and DFT studies. <i>Journal of Molecular Structure</i> , 2016, 1108, 209-222.	3.6	22
4	A Multidisciplinary Approach to Coronavirus Disease (COVID-19). <i>Molecules</i> , 2021, 26, 3526.	3.8	14
5	On the Evaluation Overlap Integrals with the Same and Different Screening Parameters Over Slater Type Orbitals via the Fourier-Transform Method. <i>Communications in Theoretical Physics</i> , 2005, 43, 151-158.	2.5	11
6	The examination of molecular structure properties of 4,4-oxo-2-oxydiphthalonitrile compound: combined spectral and computational analysis approaches. <i>Spectroscopy Letters</i> , 2019, 52, 28-42.	1.0	9
7	Synthesis, crystal structure and electronic applications of monocarboxylic acid substituted phthalonitrile derivatives combined with DFT studies. <i>Journal of Molecular Structure</i> , 2021, 1240, 130545.	3.6	5
8	Examinations directed to characterization within the framework of spectroscopic and DFT approach on the structural isomer of the pyridine substituted thiazole. <i>Journal of Molecular Structure</i> , 2021, 1236, 130363.	3.6	2
9	The Computational Study on (E)-3-(2-Chlorostyryl)-5,5-Dimethylcyclohex-2-Enone. <i>Acta Physica Polonica A</i> , 2017, 132, 738-741.	0.5	2
10	Synthesis, Antioxidant Activity and Theoretical Investigation of Isoxazolines Derivatives of Monoterpenoids. <i>Letters in Organic Chemistry</i> , 2019, 16, 501-510.	0.5	2
11	Aldol tırevi izoforan yapılarının sentezi, spektral karakterizasyonu, teorik analizi ve antioksidan aktiviteleri. <i>Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , 0, , 89-104.	0.3	2
12	THE INVESTIGATION OF SPECTROSCOPIC AND THEORETICAL METHODS OF BISISOXAOLINE DERIVATIVE OF NORBORNADIEN. <i>Anadolu University Journal of Sciences & Technology</i> , 2016, 17, 641-641.	0.2	1
13	New analytical expressions, symmetry relations and numerical solutions for the rotational overlap integrals. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 1585-1591.	2.0	0
14	Synthesis, solar cell application, and biological study of vinyl substituted isophorone derivatives. <i>Research on Chemical Intermediates</i> , 2019, 45, 5625-5639.	2.7	0
15	Antioxidant and cytotoxic activity of isoindole compounds in breast cancer cells (MCF-7). <i>Journal of Molecular Structure</i> , 2020, 1217, 128366.	3.6	0
16	X-ray structure, surface analyses, spectroscopic characterization, antimicrobial activity and DFT studies of the triphenylphosphoranylidene derivative. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 711, 59-77.	0.9	0