Asli Esme

List of Publications by Year
in descending order

23 papers	347 citations	933447 10 h-index	839539 18 g-index
23 all docs	23 docs citations	23 times ranked	338 citing authors

#	Article	IF	Citations
1	Structural, spectral characterization, and topological study of (E)-5-(diethylamino)-2-((3,5-dinitrophenylimino)methyl)phenol. Structural Chemistry, 2023, 34, 455-466.	2.0	1
2	Divulging the various chemical reactivity of trifluoromethyl-4-vinyl-benzene as well as methyl-4-vinyl-benzene in [3+2] cycloaddition reactions. Journal of Molecular Graphics and Modelling, 2021, 102, 107760.	2.4	10
3	Spectroscopic calculations, Hirshfeld surface analysis, and molecular docking studies of anticancer 6-(4-Aminophenyl)-4-(4-methoxyphenyl)-2-methoxynicotinonitrile. Spectroscopy Letters, 2021, 54, 51-64.	1.0	3
4	Mpro-SARS-CoV-2 Inhibitors and Various Chemical Reactivity of 1-Bromo- and 1-Chloro-4-vinylbenzene in [3 + 2] Cycloaddition Reactions. Organics, 2021, 2, 1-16.	1.3	16
5	Synthesis of 4-(4-ethyl-phenyl)-3-(4-methyl-phenyl)-1,2,4-oxadiazol-5(4H)-one and 4-(4-ethyl-phenyl)-3-(4-methyl-phenyl)-1,2,4-oxadiazole-5(4H)-thione and solvent effects on their infrared spectra in organic solvents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119424.	3.9	3
6	EXPERIMENTAL AND THEORETICAL STUDY OF THE SUBSTITUENT TYPE AND POSITION EFFECTS ON 3-(SUBSTITUTEDÂPHENYL)-CIS-(4,5-DIHYDROISOXAZOLE- 4,5-DIYL)BIS(METHYLENE)DIACETATE DERIVATIVES. Journal of Structural Chemistry, 2021, 62, 865-875.	1.0	0
7	The Crystal Structure, Spectral, and Density Functional Theory Studies of [3-(3-Bromophenyl)-cis-4,5-Dihydroisoxazole-4,5-Diyl]bis(Methylene)Diacetate. Journal of Applied Spectroscopy, 2021, 88, 633.	0.7	1
8	Chemical reactivities and molecular docking studies of parthenolide with the main protease of HEP-G2 and SARS-CoV-2. Journal of Molecular Structure, 2021, 1243, 130705.	3.6	17
9	Divulging the regioselectivity of epoxides in the ring-opening reaction, and potential himachalene derivatives predicted to target the antibacterial activities and SARS-CoV-2 spike protein with docking study. Journal of Molecular Structure, 2021, 1244, 130864.	3.6	10
10	Molecular Docking, Topological Analysis and Vibrational Studies on N-(2-Bromoethyl) Succinimide: Antidepressant Agent. Letters in Organic Chemistry, 2021, 18, 797-811.	0.5	0
11	Spectroscopic, Hirshfeld Surface Analysis, and Molecular Docking Studies on Potent Antiâ€inflammatory and Analgesic Activity Methyl 3â€methylâ€2â€((pyridinâ€2â€ylcarbonyl)amino)Benzoate. ChemistrySelect, 2020, 5, 3144-3158.	1.5	0
12	Quantum chemical calculations, Hirshfeld surface analysis, and molecular docking studies of antibacterial (E)-Nâ€²-((1H-Indol-3-yl)methylene)-4-bromobenzohydrazide. Spectroscopy Letters, 2019, 52, 398-412.	1.0	1
13	Conformational, spectroscopic (FT-IR, FT-Raman, and UV-Vis), and molecular docking studies of N-(2-hydroxyethyl) succinimide. Journal of Molecular Structure, 2019, 1195, 451-461.	3.6	17
14	Theoretical Investigation on the Molecular Structure, Electronic, Spectroscopic Studies and Nonlinear Optical Properties of 5-bromo-1-(2-cyano-pyridin-4-yl)-1H-indazole-3-carboxylic acid diethylamide: a DFT and TD-DFT Study. Acta Physica Polonica A, 2019, 136, 378-394.	0.5	2
15	Theoretical and spectroscopic studies of a tricyclic antidepressant, imipramine hydrochloride. Journal of Molecular Structure, 2018, 1161, 169-184.	3.6	12
16	Quantum Chemical Calculations of the Spectroscopic Properties and Nonlinear Optical Activity of 2,6-Dibromo-3-Chloro-4-Fluoroaniline. Journal of Applied Spectroscopy, 2018, 84, 1098-1107.	0.7	0
17	Molecular structures, spectroscopic (FTâ€“IR, NMR, UV) studies, NBO analysis and NLO properties for tautomeric forms of 1,3-dimethyl-5-(phenylazo)-6-aminouracil by density functional method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 188, 443-455.	3.9	46
18	Spectroscopic (FTâ€“IR, FTâ€“Raman, UVâ€“Vis) analysis, conformational, HOMO-LUMO, NBO and NLO calculations on monomeric and dimeric structures of 4â€“pyridazinecarboxylic acid by HF and DFT methods. Journal of Molecular Structure, 2017, 1147, 322-334.	3.6	50

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19	Theoretical Studies of Molecular Structures, Infrared Spectra, NBO and NLO Properties of Some Novel 5-arylazo-6-hydroxy-4-phenyl-3-cyano-2-pyridone Dyes. Acta Physica Polonica A, 2016, 130, 1273-1287.	0.5	15
20	Experimental and theoretical studies on Sudan Red G [1-(2-methoxyphenylazo)-2-naphthol] and its Cu(II) coordination compound. Journal of Molecular Structure, 2014, 1075, 264-278.	3.6	9
21	The vibrational studies and theoretical investigation of structure, electronic and non-linear optical properties of Sudan III [1-{[4-(phenylazo) phenyl]azo}-2-naphthalenol]. Journal of Molecular Structure, 2013, 1048, 185-195.	3.6	51
22	Theoretical study on the relationship between the molecular structure and corrosion inhibition efficiency of long alkyl side chain acetamide and isoxazolidine derivatives. Protection of Metals and Physical Chemistry of Surfaces, 2012, 48, 710-721.	1.1	17
23	Theoretical and vibrational studies of 4,5-diphenyl-2-2 oxazole propionic acid (oxaprozin). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1370-1376.	3.9	66