Ã¼mit Ceylan

List of Publications by Year
in descending order

28 papers	342 citations	840776 11 h-index	839539 18 g-index
29 all docs	29 docs citations	29 times ranked	387 citing authors

#	Article	IF	Citations
1	Tryptanthrin from microwave-assisted reduction of isatin using solid-state-supported sodium borohydride: DFT calculations, molecular docking and evaluation of its analgesic and anti-inflammatory activity. Heliyon, 2021, 7, e05756.	3.2	16
2	I-V Curves of an Apigenin Dye and Their Analysis by a New Parabolic Function. Frontiers in Chemistry, 2021, 9, 643578.	3.6	0
3	Design, spectroscopy, quantum chemical study and Hirshfeld analysis of single crystal ferrocene-based boronate ester. Journal of Molecular Structure, 2021, 1243, 130767.	3.6	10
4	Photoluminescence properties of samarium(III)-based complexes: Synthesis, characterization and single crystal X-ray. Journal of Luminescence, 2020, 227, 117537.	3.1	13
5	A DFT/TD-DFT study on the possible replacement of Ru(II) with Fe(II) in phthalocyanine-based dye-sensitized solar cells. Structural Chemistry, 2020, 31, 2301-2311.	2.0	3
6	Supramolecular architecture in 1:1 cocrystal of N-carbamothioylacetamide and N,Nâ€²-thiocarbonyldiacetamide from the attempted synthesis of 1,3-diacetyl-2-thioxoimidazolidine-4,5-dione (a thioparabanic acid derivative). Heliyon, 2020, 6, e05022.	3.2	1
7	Antidiabetic and antioxidant activities: Is there any link between them?. New Journal of Chemistry, 2019, 43, 13326-13329.	2.8	12
8	Eu(III) and Tb(III) complexes of 1,3-bis(4-chlorophenyl)-1,3-propanedione combined with phenanthroline ligand: synthesis, structural characterization, and thermogravimetric studies. Journal of Coordination Chemistry, 2019, 72, 1108-1118.	2.2	6
9	Synthesis of Fe and Cu metal complexes derived from â€˜SNSâ€™ Pincer type ligands and their efficient catalyst precursors for the chemical fixation of $$hbox {CO}_{2}$$ CO 2. Journal of Chemical Sciences, 2019, 131, 1.	1.5	14
10	Synthesis, spectroscopic (FT-IR, UVâ€“Vis), experimental (X-Ray) and theoretical (HF/DFT) study of: (E)-2-Chloro-N-((4-nitrocyclopenta-1,3-dienyl)methylene)benzenamine. Journal of Molecular Structure, 2018, 1174, 18-24.	3.6	17
11	Vibrational spectroscopic and thermo dynamical property studies, Fukui functions, HOMO-LUMO, NLO, NBO and crystal structure analysis of a new Schiff base bearing phenoxy-imine group. Journal of Molecular Structure, 2017, 1136, 222-230.	3.6	11
12	Isolation, characterization, crystal structure, free radical scavenging- and computational studies of 9-[4-(propan-2-yl)phenyl]-3,4,5,6,7,9-hexahydro-1H-xanthene-1,8(2H)-dione from Garcinia kola seeds. Journal of Molecular Structure, 2017, 1144, 396-405.	3.6	3
13	Synthesis, electron paramagnetic resonance studies and molecular calculations of N-aminopyrimidine salicylaldiminato copper (II) complex. Journal of Molecular Structure, 2017, 1147, 12-21.	3.6	7
14	Thiolâ€“thione tautomeric analysis, spectroscopic (FT-IR, Laser-Raman, NMR and UVâ€“vis) properties and DFT computations of 5-(3-pyridyl)-4H-1,2,4-triazole-3-thiol molecule. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 163, 170-180.	3.9	42
15	Synthesis of a new ONNO donor tetradentate schiff base ligand and binuclear Cu(II) complex: Quantum chemical, spectroscopic and photoluminescence investigations. Journal of Luminescence, 2016, 176, 193-201.	3.1	19
16	Spectroscopic (FTâ€“IR and UVâ€“Vis) and theoretical (HF and DFT) investigation of 2-Ethyl-N-[(5-nitrothiophene-2-yl)methylidene]aniline. Journal of Molecular Structure, 2016, 1110, 1-10.	3.6	40
17	Synthesis, molecular structure, spectroscopic characterization, NBO, NLO and NPA analysis and inÂvitro cytotoxicity study of 3-chloro-N-(4-sulfamoylphenethyl)propanamide with experimental and computational study. Journal of Molecular Structure, 2016, 1114, 95-107.	3.6	20
18	Crystal structure, spectroscopic investigations and quantum chemical computational study of 5-(diethylamino)-2-((3-nitrophenylimino)methyl)phenol. Journal of Molecular Structure, 2016, 1126, 83-93.	3.6	20

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19	Synthesis, molecular structure and spectroscopic characterization of (E)-1-((2-hydroxynaphthalen-1-yl) methyleneamino)-5-(4-methoxybenzoyl)-4-(4-methoxyphenyl) pyrimidine-2(1H)-one with experimental techniques and theoretical calculations. Journal of Molecular Structure, 2016, 1109, 209-219.	3.6	6
20	The EPR study of Mn2+ ion doped DADT single crystal produced under high pressure and temperature. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 152, 680-684.	3.9	1
21	The EPR study of Mn2+ ion doped KBr and VO2+ ion doped KH2PO4 under high pressure. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 152, 654-657.	3.9	1
22	Experimental and theoretical studies of (E)-2-(2-hydroxystyryl)-6-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-1,2,4-triazin-3(2H)-one. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 141, 307-315.	3.9	11
23	Synthesis, structural, spectral (FT-IR, 1H and 13C NMR and UVâ€“Vis), NBO and first order hyperpolarizability analysis of N-(4-nitrophenyl)-2, 2-dibenzoylacetamide by density functional theory. Journal of Molecular Structure, 2015, 1098, 400-407.	3.6	11
24	Theoretical and experimental investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide: Structural and spectroscopic properties, NBO, NLO and NPA analysis. Journal of Molecular Structure, 2015, 1089, 222-232.	3.6	35
25	(E)-4-Methyl-N-[(5-nitrothiophen-2-yl)methylidene]aniline. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2116-o2116.	0.2	6
26	(2-Hydroxyethyl)triphenylphosphonium chloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o641-o641.	0.2	0
27	2-Ethyl-N-[(5-nitrothiophen-2-yl)methylidene]aniline. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2004-o2004.	0.2	15
28	(E)-2-[(4-Iodophenyl)iminomethyl]-6-methylphenol. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1568-o1568.	0.2	2