Selcuk Gumus

List of Publications by Year
in descending order

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		759233	794594
55	473	12	19
papers	citations	h-index	g-index

55	55	55	608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of asymmetric acceptor and donor positioning in deep blue pyridyl-sulfonyl based TADF emitters. Dyes and Pigments, 2021, 194, 109579.	3.7	8
2	Investigation of the aromaticity of mono, di, tri and tetraazaphenanthrene derivatives. Physical Sciences Reviews, 2020, 5, .	0.8	0
3	Synthesis, biological evaluation of antioxidant-antibacterial activities and computational studies of novel anthracene- and pyrene-based Schiff base derivatives. Turkish Journal of Chemistry, 2020, 44, 1200-1215.	1.2	14
4	INVESTIGATION OF TADF PROPERTIES OF NOVEL DONOR-ACCEPTOR TYPE PYRAZINE DERIVATIVES. Journal of the Chilean Chemical Society, 2019, 64, 4303-4309.	1.2	3
5	The solvatochromism and electronic structure of(E)-2-(2-hydroxystyryl)quinolin-8-ol. Turkish Journal of Chemistry, 2019, 43, 1503-1521.	1.2	3
6	Synthesis, Characterization, DFT Studies, and Photodiode Application of Azo-azomethine-Based Ligand and Its Transition-Metal Complexes. Journal of Electronic Materials, 2018, 47, 7240-7250.	2.2	13
7	The investigation of sky-blue emitting anthracene-carbazole derivatives: Synthesis, photophysics and OLED applications. Organic Electronics, 2018, 59, 319-329.	2.6	7
8	Synthesis and antioxidant, aggregation, and electronic properties of 6-tert-butyl-1,4-benzodioxine substituted phthalocyanines. Turkish Journal of Chemistry, 2018, 42, 100-111.	1.2	9
9	Synthesis of 2-substituted 8-propargyloxyquinoline derivatives and determination of their antioxidant, antibacterial, and DNA binding activities. Turkish Journal of Chemistry, 2018, 42, 1358-1369.	1.2	10
10	Synthesis, solvatochromism, electronic structure and nonlinear optic properties of quinolin-8-yl 2-hydroxybenzoate. Macedonian Journal of Chemistry and Chemical Engineering, 2018, 37, .	0.6	0
11	Design, stereoselective synthesis and computational calculations of novel hybrid compounds via Pauson-Khand reactions. Tetrahedron: Asymmetry, 2017, 28, 479-484.	1.8	1
12	A computational study on a series of phenanthrene and phenanthroline based potential organic photovoltaics. Macedonian Journal of Chemistry and Chemical Engineering, 2017, 36, 239.	0.6	7
13	Isoquinoline-substituted triazole and pyran derivatives: synthesis and computational studies. Turkish Journal of Chemistry, 2016, 40, 655-666.	1.2	1
14	Stereoselective synthesis of benzofuran and benzothiophene substituted dihydropyran derivatives via ring closing metathesis. Tetrahedron: Asymmetry, 2016, 27, 954-959.	1.8	7
15	Synthesis of metallophthalocyanines with four oxy-2,2-diphenylacetic acid substituents and their structural and electronic properties. Heterocyclic Communications, 2016, 22, 275-280.	1.2	2
16	Hydroxyl group effect in novel NNN type pyridine based ruthenium (II) complex for the transfer hydrogenation of ketones. Catalysis Communications, 2016, 85, 30-33.	3.3	6
17	Synthesis, Aggregation Behavior, and Electronic Properties of some Metallophthalocyanines with 2-Isopropyl-5-methylphenoxy Substituents. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1334-1339.	1.2	5
18	Synthesis and investigation of intra-molecular charge transfer state properties of novel donorâ€“acceptorâ€“donor pyridine derivatives: the effects of temperature and environment on molecular configurations and the origin of delayed fluorescence. Physical Chemistry Chemical Physics, 2015, 17, 25572-25582.	2.8	31

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19	Efficient transfer hydrogenation reactions with quinazoline-based ruthenium complexes. Tetrahedron Letters, 2015, 56, 101-104.	1.4	17
20	Synthesis of Some Novel Phthalocyanines with Methyl 2â€(oxy)â€2, 2â€diphenylacetate Substituents, Evaluation of Their Antioxidantâ€•Antibacterial Activities and Electronic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 442-447.	1.2	12
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37	COMPUTATIONAL STUDIES ON NOVEL ENERGETIC MATERIALS: TETRANITRO-[2,2]PARACYCLOPHANES. Polycyclic Aromatic Compounds, 2009, 29, 289-314.	2.6	1
38	1,3-Dipolar Cycloaddition Reactions of 1-Methyl-3-Oxidopyridinium Betaine with C₇₀â€"A Theoretical Study. Journal of Computational and Theoretical Nanoscience, 2009, 6, 873-879.	0.4	2
39	A theoretical study on vomitoxin and its tautomers. Journal of Hazardous Materials, 2009, 163, 285-294.	12.4	20
40	A DFT study on nitrotriazines. Journal of Hazardous Materials, 2009, 167, 440-448.	12.4	67
41	ELECTROLUMINESCENT PROPERTIES OF CERTAIN POLYAROMATIC COMPOUNDS: PART 1â€"CHARACTERISTICS OF OLED DEVICES BASED ON FLUORESCENT POLYAROMATIC DOPANTS. Polycyclic Aromatic Compounds, 2009, 29, 123-138.	2.6	4
42	Quantum chemical treatment of nivalenol and its tautomers. Journal of Hazardous Materials, 2008, 153, 329-339.	12.4	3
43	AB INITIOAND DFT STUDIES ON CERTAIN Î·6-ANTHRAQUINONE -Cr(CO)3COMPLEXES. Polycyclic Aromatic Compounds, 2008, 28, 181-192.	2.6	3
44	A Theoretical Study on Nitrourea and its Tautomers. Journal of Energetic Materials, 2008, 26, 181-195.	2.0	2
45	POSITIONAL EFFECT OF NITROGEN SUBSTITUTION ON A CERTAIN PERYLENE CHROMOPHORE-A SEMIEMPIRICAL TREATMENT. Polycyclic Aromatic Compounds, 2008, 28, 4-14.	2.6	4
46	MOLECULAR ORBITAL TREATMENT OF SOME ENDOHEDRALLY DOPED C60SYSTEMS. Polycyclic Aromatic Compounds, 2006, 26, 145-162.	2.6	8
47	AM1, MNDO AND MINDO/3 TREATMENTS OF HÃœCKEL TYPE CYCLACENES. Polycyclic Aromatic Compounds, 2006, 26, 367-384.	2.6	1
48	Hydrogen storage capacity of Mg@C120 system. Computational and Theoretical Chemistry, 2005, 719, 103-107.	1.5	6
49	Cyclacenes having mono boron or nitrogen atom in the backboneâ€"a theoretical study. Computational and Theoretical Chemistry, 2004, 674, 185-189.	1.5	2
50	An AM1 study on C60@C180 system. Computational and Theoretical Chemistry, 2004, 674, 15-18.	1.5	4
51	Mono, B, N, Si, or Ge substituted cyclacenes. A theoretical study. Computational and Theoretical Chemistry, 2004, 679, 143-147.	1.5	6
52	Cyclacenes. Computational and Theoretical Chemistry, 2004, 685, 1-33.	1.5	31
53	AM 1 treatment of endohedrally hydrogen doped C56 systems, nH2@C56. Computational and Theoretical Chemistry, 2004, 681, 21-25.	1.5	4
54	A quire behavior of (Li+nH2)@C58 systemsâ€"an AM 1 treatment. Computational and Theoretical Chemistry, 2004, 684, 205-209.	1.5	1

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55	Peripherally B and N substituted cyclacenes. Computational and Theoretical Chemistry, 2004, 686, 91-95.	1.5	2