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	A DFT study on nitrotriazines. Journal of Hazardous Materials, 2009, 167, 440-448.	12.4	67
2	Cyclacenes. Computational and Theoretical Chemistry, 2004, 685, 1-33.	1.5	31
3	New water soluble phenoxy phenyl diazenyl benzoic acid substituted phthalocyanine derivatives: Synthesis, antioxidant activities, atypical aggregation behavior and electronic properties. Dyes and Pigments, 2013, 99, 423-431.	3.7	31
4	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
5			

#	Article	IF	Citations
19	Effects of asymmetric acceptor and donor positioning in deep blue pyridyl-sulfonyl based TADF emitters. Dyes and Pigments, 2021, 194, 109579.	3.7	8
20	Stereoselective synthesis of benzofuran and benzothiophene substituted dihydropyran derivatives via ring closing metathesis. Tetrahedron: Asymmetry, 2016, 27, 954-959.	1.8	7
21	The investigation of sky-blue emitting anthracene-carbazole derivatives: Synthesis, photophysics and OLED applications. Organic Electronics, 2018, 59, 319-329.	2.6	7
22	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
23	Mono, B, N, Si, or Ge substituted cyclacenes. A theoretical study. Computational and Theoretical Chemistry, 2004, 679, 143-147.	1.5	6
24	Hydrogen storage capacity of Mg@C120 system. Computational and Theoretical Chemistry, 2005, 719, 103-107.	1.5	6
25	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
26	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
27	An AM1 study on C60@C180 system. Computational and Theoretical Chemistry, 2004, 674, 15-18.	1.5	4
28	AM 1 treatment of endohedrally hydrogen doped C56 systems, nH2@C56. Computational and Theoretical Chemistry, 2004, 681, 21-25.	1.5	4
29	POSITIONAL EFFECT OF NITROGEN SUBSTITUTION ON A CERTAIN PERYLENE CHROMOPHORE-A SEMIEMPIRICAL TREATMENT. Polycyclic Aromatic Compounds, 2008, 28, 4-14.	2.6	4
30	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
31	Computational Study on All Possible Diamino-Dinitropyrimidines and Their Mono- and Dioxide Derivatives. Journal of Energetic Materials, 2012, 30, 335-357.	2.0	4
32	A computational study on azaazulenes. Heterocyclic Communications, 2013, 19, 369-373.	1.2	4
33	Quantum chemical treatment of nivalenol and its tautomers. Journal of Hazardous Materials, 2008, 153, 329-339.	12.4	3
34	AB INITIOAND DFT STUDIES ON CERTAIN Î·6-ANTHRAQUINONE -Cr(CO)3COMPLEXES. Polycyclic Aromatic Compounds, 2008, 28, 181-192.	2.6	3
35	A THEORETICAL STUDY ON SOME (1,4)CYCLOPHANES. Polycyclic Aromatic Compounds, 2009, 29, 103-122.	2.6	3
36	Synthesis, Characterization, and Theoretical Studies on Some Metallophthalocyanines With Octakis Phenoxyacetamide Substituents. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 628-634.	0.6	3

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37	A Computational Study on Substituted and Unsubstituted Mono and Diazaanthracenes. Polycyclic Aromatic Compounds, 2013, 33, 519-532.	2.6	3
38	INVESTIGATION OF TADF PROPERTIES OF NOVEL DONOR-ACCEPTOR TYPE PYRAZINE DERIVATIVES. Journal of the Chilean Chemical Society, 2019, 64, 4303-4309.	1.2	3
39	The solvatochromism and electronic structure of(E)-2-(2-hydroxystyryl)quinolin-8-ol. Turkish Journal of Chemistry, 2019, 43, 1503-1521.	1.2	3
40	Cyclacenes having mono boron or nitrogen atom in the backboneâ€"a theoretical study. Computational and Theoretical Chemistry, 2004, 674, 185-189.	1.5	2
41	Peripherally B and N substituted cyclacenes. Computational and Theoretical Chemistry, 2004, 686, 91-95.	1.5	2
42	A Theoretical Study on Nitrourea and its Tautomers. Journal of Energetic Materials, 2008, 26, 181-195.	2.0	2
43	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
44	Isomeric Structures of Furoxan-Fused [2,2]paracyclophaneâ€"A DFT Study. Polycyclic Aromatic Compounds, 2012, 32, 487-502.	2.6	2
45	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
46	A quire behavior of (Li+nH2)@C58 systemsâ€"an AM 1 treatment. Computational and Theoretical Chemistry, 2004, 684, 205-209.	1.5	1
47	AM1, MNDO AND MINDO/3 TREATMENTS OF HÃœCKEL TYPE CYCLACENES. Polycyclic Aromatic Compounds, 2006, 26, 367-384.	2.6	1
48	COMPUTATIONAL STUDIES ON NOVEL ENERGETIC MATERIALS: TETRANITRO-[2,2]PARACYCLOPHANES. Polycyclic Aromatic Compounds, 2009, 29, 289-314.	2.6	1
49	Structural and Molecular Orbital Studies of Si-Phenyl Silaanthracenes. Polycyclic Aromatic Compounds, 2010, 30, 61-74.	2.6	1
50	Isoquinoline-substituted triazole and pyran derivatives: synthesis and computational studies. Turkish Journal of Chemistry, 2016, 40, 655-666.	1.2	1
51	Design, stereoselective synthesis and computational calculations of novel hybrid compounds via Pauson-Khand reactions. Tetrahedron: Asymmetry, 2017, 28, 479-484.	1.8	1
52	OH Radical Reactions with Nitroimidazole and Nitrotriazole Derivatives. Journal of Energetic Materials, 2012, 30, 156-168.	2.0	0
53	Investigation of the aromaticity of mono, di, tri and tetraazaphenanthrene derivatives. Physical Sciences Reviews, 2020, 5, .	0.8	0
54	TG Index, its Graphical Matrix Representation and Application on Polyenes. Bulletin of the Korean Chemical Society, 2014, 35, 1413-1416.	1.9	0

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55	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