Hakk Trker Akay

List of Publications by Citations

39 papers	514 citations	16 h-index	21 g-index
41 ext. papers	576 ext. citations	3.1 avg, IF	3.93 L-index

#	Paper	IF	Citations
39	Synthesis, photophysical and photochemical properties of highly soluble phthalocyanines substituted with four 3,5-dimethylpyrazole-1-methoxy groups. *Journal of Organometallic Chemistry*, **2011**, 696, 3807-3815	2.3	47
38	Synthesis, electrochemical and spectroelectrochemical properties of peripherally tetra-imidazole substituted metal free and metallophthalocyanines. *Dyes and Pigments*, **2013**, 96, 483-494	4.6	36
37	Azine-bridged binuclear metallophthalocyanines functioning photophysical and photochemical-responsive. *Dyes and Pigments*, **2012**, 95, 330-337	4.6	34
36	Synthesis, aggregation and spectroscopic studies of novel water soluble metal free, zinc, copper and magnesium phthalocyanines and investigation of their anti-bacterial properties. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 133, 272-80	4.4	28
35	Synthesis, photophysical and photochemical properties of novel tetra substituted metal free and metallophthalocyanines bearing triazine units. *Journal of Organometallic Chemistry*, **2013**, 724, 225-234	2.3	27
34	Novel triazole bearing zinc(II) and magnesium(II) metallo-phthalocyanines: Synthesis, characterization, photophysical and photochemical properties. *Journal of Organometallic Chemistry*, **2013**, 745-746, 379-386	2.3	26
33	Synthesis, characterization and spectroscopic studies of novel peripherally tetra-imidazole substituted phthalocyanine and its metal complexes, the computational and experimental studies of the novel phthalonitrile derivative. *Journal of Organometallic Chemistry*, **2012**, 713, 1-10	2.3	24
32	The electrochemical and spectroelectrochemical properties of metal free and metallophthalocyanines containing triazole/piperazine units. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2016**, 153, 478-87	4.4	20
31	Synthesis, characterization, electrochemical and spectroelectrochemical properties of novel peripherally tetra-1,2,4-triazole substituted phthalocyanines. *Synthetic Metals*, **2016**, 215, 68-76	3.6	20
30	Synthesis, characterization and electrical properties of peripherally tetra-aldazine substituted novel metal free phthalocyanine and its zinc(II) and nickel(II) complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 105, 550-6	4.4	19
29	Synthesis, characterisation, photophysical and photochemical properties of free-base tetra-(5-chloro-2-(2,4-dichlorophenoxy)phenoxy)phthalocyanine and respective zinc(II) and lead(II) complexes. *Synthetic Metals*, **2017**, 223, 166-171	3.6	18
28	Photophysical and photochemical study on the tetra 4-isopropylbenzyloxy substituted phthalocyanines. *Journal of Luminescence*, **2017**, 192, 739-744	3.8	17
27	Novel 1,2,4-triazole substituted metallo-phthalocyanines: Synthesis, characterization and investigation of electrochemical and spectroelectrochemical properties. *Journal of Molecular Structure*, **2018**, 1173, 205-212	3.4	16
26	Computational studies on the anastrozole and letrozole, effective chemotherapy drugs against breast cancer. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 122, 142-52	4.4	16
25	Experimental and computational studies on 4-[(3,5-dimethyl-1H-pyrazol-1-yl)methoxy]phthalonitrile and synthesis and spectroscopic characterization of its novel phthalocyanine magnesium(II) and tin(II) metal complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 114, 534-40	4.4	16
24	Novel triazole substituted phthalocyanines showing high singlet oxygen quantum yields. *Journal of Luminescence*, **2019**, 206, 199-204	3.8	16
23	Synthesis, characterization and investigation of electrochemical and spectroelectrochemical properties of peripherally tetra 4-phenylthiazole-2-thiol substituted metal-free, zinc(II), copper(II) and cobalt(II) phthalocyanines. *Journal of Molecular Structure*, **2017**, 1141, 643-649	3.4	15

22	Simultaneous separation and preconcentration of Cd(II), Co(II), and Ni(II) ions in environmental samples by carrier element-free coprecipitation method prior to their flame atomic absorption spectrometric determination. *Desalination and Water Treatment*, **2015**, 53, 390-397		14
21	Electrochemical and spectroelectrochemical study on novel non-peripherally tetra 1,2,4-triazole substituted phthalocyanines. *Journal of Molecular Structure*, **2018**, 1155, 380-388	3.4	14
20	Substituted phthalocyanines and their electropolymerization properties. *Synthetic Metals*, **2016**, 220, 643-652	3.6	14
19	Non-peripherally tetra substituted lead(II), nickel(II) and copper(II) phthalocyanines bearing [1,2,3] triazole moeties: Synthesis, characterization and investigation of electrochemical and spectroelectrochemical properties. *Journal of Molecular Structure*, **2019**, 1176, 695-702	3.4	11
18	Synthesis of some new Methoxy Bridged Benzimidazolyl-Substituted phthalocyanines as potent inhibitors of urease. *Journal of Organometallic Chemistry*, **2018**, 873, 86-90	2.3	9
17	Photophysical and photochemical study on novel axially chalcone substituted silicon (IV) phthalocyanines. *Journal of Molecular Structure*, **2020**, 1200, 127132	3.4	9
16	Novel phthalocyanines bearing 1,2,4 triazole substituents: Synthesis, characterization, photophysical and photochemical properties. *Polyhedron*, **2020**, 181, 114470	2.7	7
15	A spectroscopic study on new phthalonitrile derivative and its computational background: 4-[(4,5-Diphenyl-4H-1,2,4-triazol-3-yl)sulfanyl]benzene-phthalonitrile. *Journal of Molecular Structure* , **2017**, 1127, 539-548	3.4	7
14	Synthesis and spectroscopic characterization of novel methoxy bridged benzimidazolyl-substituted phthalocyanines as potent inhibitors of urease. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 228, 117804	4.4	5
13	Synthesis, characterization and investigation of electrochemical and spectroelectrochemical properties of non-peripherally tetra-5-methyl-1,3,4-thiadiazole substituted copper(II) iron(II) and oxo-titanium (IV) phthalocyanines. *Journal of Molecular Structure*, **2017**, 1144, 112-119	3.4	4
12	Non-peripherally tetra substituted phthalocyanines bearing benzodioxane moieties: Synthesis, characterization and investigation of electrochemical and spectroelectrochemical properties. *Journal of Molecular Structure*, **2019**, 1189, 234-239	3.4	4
11	Electrochemistry of Novel Phthalocyanines Bearing 1,2,4 Triazole Groups. *Electroanalysis*, **2020**, 32, 1433-1438	3	4
10	The determination of molecular dynamic properties of Novel 5-oxo-1,2,4-triazole phthalocyanines and investigation of their urease inhibition properties. *Journal of Molecular Structure*, **2020**, 1222, 128870	3.4	4
9	Synthesis, characterization, photophysical and photochemical properties of peripherally tetra benzodioxane substituted metal-free phthalocyanine and its zinc(II) and magnesium(II) derivatives. *Journal of Molecular Structure*, **2021**, 1223, 128992	3.4	4
8	The novel Zn(II) phthalocyanines: Synthesis, characterization, photochemical, DNA interaction and cytotoxic/phototoxic properties. *Journal of Molecular Structure*, **2020**, 1218, 128502	3.4	3
7	A Novel Highly Porous Cellulosic Aerogel Regenerated by Solvent Exchange Mechanism. *Journal of Polymers and the Environment*, **2019**, 27, 1801-1806	4.5	2
6	Synthesis, characterization and electrochemistry of 1-phenoxypropan-2-yloxy substituted phthalocyanines. *Journal of Organometallic Chemistry*, **2020**, 923, 121455	2.3	2
5	Synthesis, Characterization and Investigation of Electrochemical and Spectroelectrochemical Properties of Peripherally Tetra Diethoxypropan Substituted Phthalocyanines. *Electroanalysis*, **2021** , 33, 146-151	3	1

4	Synthesis, electrochemical and in-situ spectroelectrochemical properties of 1,2,4 triazole containing metallo-phthalocyanines. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2021**, 99, 99-108	1.7	1
3	Synthesis, characterization, photophysical and photochemical properties of peripherally tetra-1,2,4-triazol-3-ylthio substituted metal-free phthalocyanine and its zinc(II) and lead(II) derivatives. *Journal of Coordination Chemistry*,1-9	1.6	0
2	Electrochemistry of novel tetra peripherally and non-peripherally substituted phthalocyanines bearing morpholine groups. *Journal of Organometallic Chemistry*, **2020**, 924, 121420	2.3	
1	Metallo-phthalocyanines containing triazole substituents: Synthesis, spectroscopic and photophysicochemical properties. *Journal of Coordination Chemistry*,1-8	1.6	