Ãœmit DemirbaÅ

List of Publications by Year
in descending order

48 papers	809 citations	430442 18 h-index	552369 26 g-index
48 all docs	48 docs citations	48 times ranked	536 citing authors

#	Article	IF	Citations
1	Novel water soluble morpholine substituted Zn(II) phthalocyanine: Synthesis, characterization, DNA/BSA binding, DNA photocleavage and topoisomerase I inhibition. International Journal of Biological Macromolecules, 2017, 105, 499-508.	3.6	52
2	Investigation of DNA binding, DNA photocleavage, topoisomerase I inhibition and antioxidant activities of water soluble titanium(IV) phthalocyanine compounds. Journal of Photochemistry and Photobiology B: Biology, 2016, 157, 32-38.	1.7	46
3	Synthesis, electrochemical and spectroelectrochemical properties of peripherally tetra-imidazole substituted metal free and metallophthalocyanines. Dyes and Pigments, 2013, 96, 483-494.	2.0	38
4	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.	0.8	32
5	Water soluble axially morpholine disubstituted silicon phthalocyanines: Synthesis, characterisation, DNA/BSA binding, DNA photocleavage properties. Synthetic Metals, 2017, 229, 22-32.	2.1	32
6	Metal-free, zinc(II) and lead(II) phthalocyanines functioning with 3-(2H-benzo[d][1,2,3]triazol-2-yl)-4-hydroxyphenethyl methacrylate groups: Synthesis and investigation of photophysical and photochemical properties. Synthetic Metals, 2016, 220, 276-285.	2.1	31
7	Peripherally and non-peripherally tetra-benzothiazole substituted metal-free zinc (II) and lead (II) phthalocyanines: Synthesis, characterization, and investigation of photophysical and photochemical properties. Journal of Molecular Structure, 2017, 1130, 677-687.	1.8	31
8	Synthesis, photophysical and photochemical properties of novel tetra substituted metal free and metallophthalocyanines bearing triazine units. Journal of Organometallic Chemistry, 2013, 724, 225-234.	0.8	30
9	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, 272-280.	2.0	29
10	Electrochemical and spectroelectrochemical properties of thiadiazole substituted metallo-phthalocyanines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 71-78.	2.0	29
11	The photophysical and photochemical properties of new unmetallated and metallated phthalocyanines bearing four 5-chloroquinolin-8-yloxy substituents on peripheral sites. Journal of Luminescence, 2014, 145, 635-642.	1.5	26
12	Novel water soluble BODIPY compounds: Synthesis, photochemical, DNA interaction, topoisomerases inhibition and photodynamic activity properties. European Journal of Medicinal Chemistry, 2019, 183, 111685.	2.6	26
13	Synthesis, characterization, electrochemical and spectroelectrochemical properties of novel peripherally tetra-1,2,4-triazole substituted phthalocyanines. Synthetic Metals, 2016, 215, 68-76.	2.1	24
14	Synthesis, anti-cholinesterease, Î±-glucosidase inhibitory, antioxidant and DNA nuclease properties of non-peripheral triclosan substituted metal-free, copper(II), and nickel(II) phthalocyanines. Journal of Organometallic Chemistry, 2020, 923, 121423.	0.8	24
15	The electrochemical and spectroelectrochemical properties of metal free and metallophthalocyanines containing triazole/piperazine units. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 478-487.	2.0	23
16	The determination of photophysical and photochemical parameters of novel metal-free, zinc(II) and lead(II) phthalocyanines bearing 1,2,4-triazole groups. Synthetic Metals, 2016, 219, 76-82.	2.1	21
17	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.	2.1	21
18	Zinc(II) and lead(II) phthalocyanines bearing thiadiazole substituents: Synthesis, characterization, photophysical and photochemical properties. Journal of Molecular Structure, 2019, 1197, 594-602.	1.8	19

#	Article	IF	Citations
19	Synthesis, characterization and investigation of electrochemical and spectroelectrochemical properties of peripherally and non-peripherally tetra 2-methyl-5-benzothiazole substituted nickel(II), copper(II) and cobalt(II) phthalocyanines. Synthetic Metals, 2017, 231, 112-119.	2.1	18
20	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.	1.8	18
21	Novel triazole substituted phthalocyanines showing high singlet oxygen quantum yields. Journal of Luminescence, 2019, 206, 199-204.	1.5	18
22	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.	1.8	17
23	Synthesis, characterization and DNA interaction properties of the novel peripherally tetra 4-(3-methyl-4-(3-morpholinopropyl)-5-oxo-4,5-dihydro-1H-1,2,4-triazol-1-yl) substituted water soluble Zn(II) and Cu(II) phthalocyanines. Journal of Molecular Structure, 2019, 1177, 571-578.	1.8	16
24	Electrochemical and spectroelectrochemical study on novel non-peripherally tetra 1,2,4-triazole substituted phthalocyanines. Journal of Molecular Structure, 2018, 1155, 380-388.	1.8	15
25	Synthesis, characterization and investigation of cholinesterase inhibitory properties of novel peripherally tetra substituted metal-free and metallo-phthalocyanines. Journal of Molecular Structure, 2019, 1187, 8-13.	1.8	15
26	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.	1.8	15
27	The novel water soluble peripherally and non-peripherally tetra piperidine substituted phthalocyanines: Synthesis, characterization, DNA cleavage properties. Journal of Molecular Structure, 2019, 1186, 325-332.	1.8	14
28	Synthesis of some new Methoxy Bridged Benzimidazolyl-Substituted phthalocyanines as potent inhibitors of urease. Journal of Organometallic Chemistry, 2018, 873, 86-90.	0.8	12
29	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.	1.8	12
30	Synthesis and electrochemical characterization of tetra-(5-chloro-2-(2,4-dichlorophenoxy)phenol) substituted Ni(II), Fe(II) and Cu(II) metallophthalocyanines. Synthetic Metals, 2016, 215, 7-13.	2.1	10
31	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.	1.8	10
32	Novel phthalocyanines bearing 1,2,4 triazole substituents: Synthesis, characterization, photophysical and photochemical properties. Polyhedron, 2020, 181, 114470.	1.0	10
33	The novel Zn(II) phthalocyanines: Synthesis, characterization, photochemical, DNA interaction and cytotoxic/phototoxic properties. Journal of Molecular Structure, 2020, 1218, 128502.	1.8	9
34	Photodynamic therapy effect of morpholinium containing silicon (IV) phthalocyanine on HCT-116 cells. Photodiagnosis and Photodynamic Therapy, 2020, 32, 101975.	1.3	8
35	Detection of Al³⁺ and Fe³⁺ Ions with <scp>Phthalocyanineâ€Merocyanine</scp> 540 Dyeâ€Based <scp>Fluorescence Resonance Energy Transfer</scp>. Bulletin of the Korean Chemical Society, 2020, 41, 973-980.	1.0	8
36	Dual-purpose both peripheral and non-peripheral triazole substituted ZnII, MgII and PbII phthalocyanines: Synthesis, characterization, photophysicochemical and acetylcholinesterase inhibitory properties. Polyhedron, 2021, 208, 115416.	1.0	8

#	ARTICLE	IF	CITATIONS
37	Synthesis, characterization and electrochemistry of 1-phenoxypropan-2-yloxy substituted phthalocyanines. Journal of Organometallic Chemistry, 2020, 923, 121455.	0.8	7
38	Electrochemistry of Novel Phthalocyanines Bearing 1,2,4 Triazole Groups. Electroanalysis, 2020, 32, 1433-1438.	1.5	7
39	Novel peripherally tetra substituted phthalocyanines: Synthesis, characterization, photophysical and photochemical properties. Journal of Molecular Structure, 2020, 1211, 128082.	1.8	7
40	Photochemical and inÂvitro phototoxic properties of Zn (II) phthalocyanine bearing piperidinium groups on different cell lines. Journal of Organometallic Chemistry, 2020, 921, 121358.	0.8	6
41	Synthesis, Characterization, and Investigation of Cholinesterase Inhibitory Properties of Novel Phthalocyanines. Journal of Heterocyclic Chemistry, 2019, 56, 1553-1559.	1.4	5
42	Synthesis, Characterization, Photophysical and Photochemical Properties of Novel Phthalocyanines. ChemistrySelect, 2020, 5, 4530-4537.	0.7	3
43	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.	0.9	3
44	Synthesis, characterization, and investigation of singlet oxygen, DNA interaction,and topoisomerase I inhibition properties of novel zinc(II) phthalocyanine. Turkish Journal of Chemistry, 2019, 43, 1646-1655.	0.5	2
45	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, 2022, 75, 448-456.	0.8	1
46	Metallo-phthalocyanines containing triazole substituents: Synthesis, spectroscopic and photophysicochemical properties. Journal of Coordination Chemistry, 0, , 1-8.	0.8	1
47	Characterization and purification of 1,2,4-triazole-containing phthalocyaninessynthesized by microwave method and structure elucidation by spectroscopictechniques. Turkish Journal of Chemistry, 2019, 43, 229-238.	0.5	0
48	Electrochemistry of novel tetra peripherally and non-peripherally substituted phthalocyanines bearing morpholine groups. Journal of Organometallic Chemistry, 2020, 924, 121420.	0.8	0