

ArmaÄan GÃ¼nsel

List of Publications by Year in descending order

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48
papers

879
citations

394390

19
h-index

526264

27
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48
all docs

48
docs citations

48
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and photophysical properties of novel thiadiazole-substituted zinc (II), gallium (III) and silicon (IV) phthalocyanines for photodynamic therapy. <i>Inorganica Chimica Acta</i> , 2017, 467, 169-176.	2.4	46
2	Highly selective thioalcohol modified phthalocyanine sensors for Ag(i) and Pd(ii) based on target induced J- and H-type aggregations: synthesis, electrochemistry and peripheral metal ion binding studies. <i>Dalton Transactions</i> , 2012, 41, 7047.	3.3	41
3	Synthesis and investigation of photophysical properties of novel ketone-substituted gallium (III) and indium (III) phthalocyanines with high singlet oxygen yield for photodynamic therapy. <i>Journal of Luminescence</i> , 2017, 192, 888-892.	3.1	40
4	Novel biologically active metallophthalocyanines as promising antioxidant-antibacterial agents: Synthesis, characterization and computational properties. <i>Journal of Molecular Structure</i> , 2020, 1200, 127127.	3.6	39
5	Synthesis, H- or J-type aggregations, electrochemistry and in situ spectroelectrochemistry of metal ion sensing lead(II) phthalocyanines. <i>Polyhedron</i> , 2010, 29, 3394-3404.	2.2	35
6	Synthesis, characterization, photo-physicochemical and biological properties of water-soluble tetra-substituted phthalocyanines: Antidiabetic, anticancer and anticholinergic potentials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 396, 112511.	3.9	32
7	Ag(I) and Pd(II) sensing, H- or J-aggregation and redox properties of metal-free, manganese(III) and gallium(III) phthalocyanines. <i>Dyes and Pigments</i> , 2014, 102, 169-179.	3.7	31
8	Synthesis of tetra-substituted phthalocyanines bearing 2-(ethyl(m-tolyl)amino)ethanol: Computational and photophysical studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 373, 77-86.	3.9	31
9	Synthesis of water soluble tetra-substituted phthalocyanines: Investigation of DNA cleavage, cytotoxic effects and metabolic enzymes inhibition. <i>Journal of Molecular Structure</i> , 2020, 1214, 128210.	3.6	31
10	Novel potential metabolic enzymes inhibitor, photosensitizer and antibacterial agents based on water-soluble phthalocyanine bearing imidazole derivative. <i>Journal of Molecular Structure</i> , 2021, 1237, 130402.	3.6	30
11	Synthesis of tetra-substituted metallophthalocyanines: Spectral, structural, computational studies and investigation of their photophysical and photochemical properties. <i>Polyhedron</i> , 2019, 158, 316-324.	2.2	28
12	Synthesis of non-peripheral thioanisole-substituted phthalocyanines: Photophysical, electrochemical, photovoltaic, and sensing properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 348, 57-67.	3.9	27
13	Novel type ketone-substituted metallophthalocyanines: synthesis, spectral, structural, computational and anticancer studies. <i>RSC Advances</i> , 2017, 7, 56296-56305.	3.6	27
14	Selective chemosensor phthalocyanines for Pd ²⁺ ions; synthesis, characterization, quantum chemical calculation, photochemical and photophysical properties. <i>Journal of Molecular Structure</i> , 2019, 1180, 127-138.	3.6	26
15	Functional fluoro substituted tetrakis-metallophthalocyanines: Synthesis, spectroscopy, electrochemistry and spectroelectrochemistry. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 662-668.	1.7	25
16	Extraction of electronic parameters of organic diode fabricated with NIR absorbing functional manganese phthalocyanine organic semiconductor. <i>Synthetic Metals</i> , 2011, 161, 1477-1482.	3.9	25
17	Comparison of novel tetra-substituted phthalocyanines with their quaternized derivatives: Antioxidant and antibacterial properties. <i>Synthetic Metals</i> , 2020, 260, 116288.	3.9	25
18	Synthesis, characterization, antioxidant and antibacterial properties of non-peripherally and peripherally tetra-substituted phthalocyanines. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3077-3089.	2.2	23

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19	The new ball-type zinc phthalocyanine with S S bridge; Synthesis, computational and photophysical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 389, 112287.	3.9	21
20	Turn-on fluorescent probe for Zn ²⁺ ions based on thiazolidine derivative. Applied Organometallic Chemistry, 2020, 34, e5624.	3.5	21
21	Synthesis, photophysical and electrochemical properties of water-soluble phthalocyanines bearing 8-hydroxyquinoline-5-sulfonic acid derivatives. Journal of Luminescence, 2016, 176, 387-396.	3.1	19
22	Peripherally and non-peripherally tetra-HBME (4-hydroxybenzyl methyl ether) substituted metal-free and zinc(II) phthalocyanines: Synthesis, characterization, and investigation of photophysical and photochemical properties. Inorganica Chimica Acta, 2018, 477, 199-205.	2.4	19
23	Synthesis of non-peripherally tetra-substituted copper(II) phthalocyanines: characterization, optical and surface properties, fabrication and photo-electrical properties of a photosensitive diode. Dalton Transactions, 2019, 48, 14839-14852.	3.3	19
24	Optoelectronic parameters of peripherally tetra-substituted copper(II) phthalocyanines and fabrication of a photoconductive diode for various conditions. New Journal of Chemistry, 2020, 44, 369-380.	2.8	19
25	Comparative studies of photophysical and electrochemical properties of sulfur-containing substituted metal-free and metallophthalocyanines. Research on Chemical Intermediates, 2018, 44, 971-989.	2.7	16
26	Peripheral and non-peripheral-designed multifunctional phthalocyanines; synthesis, electrochemistry, spectroelectrochemistry and metal ion binding studies. Polyhedron, 2011, 30, 1446-1455.	2.2	14
27	Water soluble quarternizable gallium and indium phthalocyanines bearing quinoline 5-sulfonic acid: Synthesis, aggregation, photophysical and electrochemical studies. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 310, 155-164.	3.9	14
28	Comparison of spectroscopic, electronic, theoretical, optical and surface morphological properties of functional manganese(III) phthalocyanine compounds for various conditions. Journal of Molecular Structure, 2019, 1193, 247-264.	3.6	14
29	Î±-Substituted phthalocyanines based on metal-induced H- or J-type aggregation for silver and palladium ions: synthesis, fluorescence, and antimicrobial and antioxidant properties. Dalton Transactions, 2021, 50, 3224-3239.	3.3	14
30	Antioxidant properties of water-soluble phthalocyanines containing quinoline-5-sulfonic acid groups. Turkish Journal of Chemistry, 2019, 43, 1030-1039.	1.2	13
31	Synthesis of (4R)-2-(3-hydroxyphenyl)thiazolidine-4-carboxylic acid substituted phthalocyanines: Anticancer activity on different cancer cell lines and molecular docking studies. Applied Organometallic Chemistry, 2021, 35, e6242.	3.5	13
32	Cytotoxicity effects and biochemical investigation of novel tetrakis-phthalocyanines bearing 2-thiocytosine moieties with molecular docking studies. Inorganic Chemistry Communication, 2022, 138, 109263.	3.9	13
33	Double-decker sensor phthalocyanines functionalized with 1-hydroxyhexane-3-ylthio moieties; synthesis, characterization, electrical properties and H- or J- type aggregation studies. Journal of Organometallic Chemistry, 2015, 785, 112-121.	1.8	12
34	Octa-substituted Zinc(II), Cu(II), and Co(II) phthalocyanines with 1-(4-hydroxyphenyl)propane-1-one: Synthesis, sensitive protonation behaviors, Ag(I) induced H-type aggregation properties, antibacterial-antioxidant activity, and molecular docking studies. Applied Organometallic Chemistry, 2021, 35, e6353.	3.5	12
35	Alkyl chain modified metallophthalocyanines with enhanced antioxidant-antimicrobial properties by doping Ag ⁺ and Pd ²⁺ ions. Journal of Molecular Structure, 2022, 1257, 132634.	3.6	12
36	Synthesis, characterization, and optical and surface properties of (4-(trifluoromethylthio)phenoxy) copper(II) phthalocyanine. New Journal of Chemistry, 2018, 42, 6013-6022.	2.8	11

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37	The Water-Soluble Peripheral Substituted Phthalocyanines as Corrosion Inhibitors for Copper in 0.1 N HCl: Gravimetric, Electrochemical, SEM-EDS, and Quantum Chemical Calculations. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 609-618.	1.1	11
38	Gemini-type 1(4),8(11)-15(18),22(25)-fluoroprobe attached as macrocyclically electrovalent mononuclear and bunk-type dinuclear phthalocyanines. Polyhedron, 2013, 65, 206-213.	2.2	6
39	The effects of a water-soluble alpha tetra-substituted zinc phthalocyanine derivative on Arthrospira platensis-M2 strain. Journal of Porphyrins and Phthalocyanines, 2018, 22, 686-692.	0.8	4
40	Novel tetrakis- π -phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects. Journal of Biomolecular Structure and Dynamics, 2023, 41, 249-262.	3.5	4
41	Highly soluble tetrasubstituted lanthanide bis-phthalocyanines; synthesis, characterization, electrical properties and aggregation studies. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1065-1074.	0.8	3
42	Axially phenoxy-derivative disubstituted phthalocyanine: synthesis, characterization and photophysical properties. Research on Chemical Intermediates, 2018, 44, 6197-6217.	2.7	3
43	Synthesis of water-soluble phthalocyanines containing 1-methyl-1 H-imidazole-2-thiol: Investigation of DNA nuclease, α -glucosidase inhibitory, and photo-physicochemical properties. Applied Organometallic Chemistry, 2021, 35, e6202.	3.5	3
44	Comparative Studies of Photophysicochemical Properties of Non-Peripherally Anisole/Thioanisole-Tetrasubstituted Gallium (III) Phthalocyanines Containing Oxygen/ Sulfur Bridge. Journal of the Turkish Chemical Society, Section A: Chemistry, 0, , 267-282.	1.1	3
45	Tetra-substituted phthalocyanines bearing thiazolidine derivatives: synthesis, anticancer activity on different cancer cell lines, and molecular docking studies. Dalton Transactions, 2021, 50, 15778-15792.	3.3	2
46	The use of water-soluble phthalocyanines as textile dyes in nylon/elastane fabric: fastness and antibacterial effectiveness. Turkish Journal of Chemistry, 2020, 44, 923-931.	1.2	1
47	Algaecidal and oxidative effects of metal-free phthalocyanine beta tetra-substituted with sodium 2-mercaptoethanesulfonate. Turkish Journal of Chemistry, 2022, 46, 367-377.	1.2	1
48	Synthesis, characterization and investigation of algal oxidative effects of water-soluble copper phthalocyanine containing sulfonate groups. Journal of Biological Inorganic Chemistry, 2021, 26, 355-365.	2.6	0