

Meryem N Yarasir

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54
papers

825
citations

18
h-index

25
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54
ext. papers

945
ext. citations

3
avg, IF

4.51
L-index

#	Paper	IF	Citations
54	Polytopic cation receptor functional phthalocyanines: Synthesis, characterization, electrochemistry and metal ion binding. <i>Polyhedron</i> , 2007 , 26, 1139-1147	2.7	79
53	Synthesis and photophysicochemical 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	2.7	41
52	Synthesis and investigation of photophysicochemical 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	3.8	36
51	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	2.7	34
50	Synthesis, spectroscopy and electrochemical properties of highly soluble fluoro containing phthalocyanines. <i>Polyhedron</i> , 2008 , 27, 2805-2810	2.7	32
49	Synthesis, characterization, aggregation, fluorescence and antioxidant properties of bearing (4-(methylthio)phenylthio) tetra substituted phthalocyanines. <i>Inorganica Chimica Acta</i> , 2017 , 464, 1-10	2.7	31
48	Novel scorpion type phthalocyanine chemosensors for detection of selective-metal ion by inducing H- and J-aggregations in solution; synthesis, characterization and electrochemistry. <i>Dyes and Pigments</i> , 2014 , 111, 190-201	4.6	28
47	Metal-ion sensing and aggregation studies on reactive phthalocyanines bearing soft-metal receptor moieties; synthesis, spectroscopy and electrochemistry. <i>Polyhedron</i> , 2007 , 26, 5235-5242	2.7	27
46	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	4.7	26
45	Novel biologically active metallophthalocyanines as promising antioxidant-antibacterial agents: Synthesis, characterization and computational properties. <i>Journal of Molecular Structure</i> , 2020 , 1200, 127127	3.4	26
44	Functional alcohol-soluble double-decker phthalocyanines: synthesis, characterization, electrochemistry and peripheral metal ion binding. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 1022-1033	1.8	25
43	Synthesis of tetra-substituted phthalocyanines bearing 2-(ethyl(m-tolyl)amino)ethanol: Computational and photophysicochemical studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 373, 77-86	4.7	23
42	Formation, characterization, aggregation, fluorescence and antioxidant properties of novel tetrasubstituted metal-free and metallophthalocyanines bearing (4-(methylthio)phenoxy) moieties. <i>Journal of Molecular Structure</i> , 2017 , 1144, 66-79	3.4	21
41	Synthesis of tetra-substituted metallophthalocyanines: Spectral, structural, computational studies and investigation of their photophysical and photochemical properties. <i>Polyhedron</i> , 2019 , 158, 316-324	2.7	21
40	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	3.4	20
39	Novel type ketone-substituted metallophthalocyanines: synthesis, spectral, structural, computational and anticancer studies. <i>RSC Advances</i> , 2017 , 7, 56296-56305	3.7	19
38	Selective metal sensor phthalocyanines bearing non-peripheral functionalities: Synthesis, spectroscopy, electrochemistry and spectroelectrochemistry. <i>Polyhedron</i> , 2009 , 28, 257-262	2.7	19

37	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	3.4	19
36	For E Substituted functional phthalocyanines bearing thiophen-3-ylmethanol substituents: synthesis, characterization, aggregation behavior and antioxidant activity. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 4102-4116	1.6	18
35	Synthesis, characterization, antioxidant and antibacterial properties of non-peripherally and peripherally tetra-substituted phthalocyanines. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 3077-3089	1.6	17
34	Both alcohol and halogenated solvents soluble soft-metal sensor functional phthalocyanines: synthesis, electrochemistry, spectroelectrochemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 712-721	1.8	16
33	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. <i>Inorganica Chimica Acta</i> , 2018 , 477, 199-205	2.7	15
32	Comparative studies of photophysical and electrochemical properties of sulfur-containing substituted metal-free and metallophthalocyanines. <i>Research on Chemical Intermediates</i> , 2018 , 44, 971-988	2.8	15
31	Comparison of novel tetra-substituted phthalocyanines with their quaternized derivatives: Antioxidant and antibacterial properties. <i>Synthetic Metals</i> , 2020 , 260, 116288	3.6	15
30	Metal ion sensing soluble E R I tetrasubstituted gallium and indium phthalocyanines: Synthesis, characterization, photochemistry and aggregation behaviors. <i>Polyhedron</i> , 2015 , 100, 1-9	2.7	14
29	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	4.7	14
28	Synthesis of non-peripherally tetra-substituted copper(ii) phthalocyanines: characterization, optical and surface properties, fabrication and photo-electrical properties of a photosensitive diode. <i>Dalton Transactions</i> , 2019 , 48, 14839-14852	4.3	13
27	Voltammetry and Spectroelectrochemical Behavior of a Novel Octapropylporphyrizinato Lead(II) Complex. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 16558-16563	3.8	13
26	Optoelectronic parameters of peripherally tetra-substituted copper(II) phthalocyanines and fabrication of a photoconductive diode for various conditions. <i>New Journal of Chemistry</i> , 2020 , 44, 369-380	3.6	13
25	Novel metal(III) and metal free soft phthalocyanine metal ion sensors bearing (1-hydroxyhexan-3-ylthio)-substituents: Synthesis, characterization, aggregation behavior. <i>Polyhedron</i> , 2015 , 85, 857-863	2.7	12
24	Turn-on fluorescent probe for Zn ²⁺ ions based on thiazolidine derivative. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5624	3.1	12
23	The new ball-type zinc phthalocyanine with S S bridge; Synthesis, computational and photophysicochemical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 389, 112287	4.7	12
22	Comparison of spectroscopic, electronic, theoretical, optical and surface morphological properties of functional manganese(III) phthalocyanine compounds for various conditions. <i>Journal of Molecular Structure</i> , 2019 , 1193, 247-264	3.4	11
21	Synthesis and photophysical properties of metallophthalocyanines substituted with a benzofuran based fluoroprobe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 93, 379-383	4.4	11
20	Synthesis, characterization, and optical and surface properties of (4-(trifluoromethylthio)phenoxy) copper(II) phthalocyanine. <i>New Journal of Chemistry</i> , 2018 , 42, 6013-6022	3.6	9

19	Antioxidant properties of water-soluble phthalocyanines containing quinoline-5-sulfonic acid groups. <i>Turkish Journal of Chemistry</i> , 2019 , 43, 1030-1039	1	8
18	Low symmetry solitaire- and trans-functional porphyrazine/phthalocyanine hybrid complexes: Synthesis, isolation, characterization, and electrochemical and in-situ spectroelectrochemical properties. <i>Synthetic Metals</i> , 2020 , 262, 116331	3.6	8
17	Substituted phthalocyanines based on metal-induced H- or J-type aggregation for silver and palladium ions: synthesis, fluorescence, and antimicrobial and antioxidant properties. <i>Dalton Transactions</i> , 2021 , 50, 3224-3239	4.3	8
16	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	3.4	8
15	Nonperipheral tetra phthalocyanines bearing alkyl chain moiety; Synthesis, characterization and fabrication of the OFET based on phthalocyanine. <i>Synthetic Metals</i> , 2015 , 206, 33-41	3.6	7
14	The Water-Soluble Peripheral Substituted Phthalocyanines as Corrosion Inhibitors for Copper in 0.1 N HCl: Gravimetric, Electrochemical, SEM-EDS, and Quantum Chemical Calculations. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020 , 56, 609-618	0.9	6
13	Highly soluble tetra lauryl alcohol substituted phthalocyanines; synthesis, electrochemistry, spectroelectrochemistry. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 350-366	1.6	5
12	Selective recognition of palladium based on functional mono phthalocyanines; synthesis, characterization and photophysical properties. <i>Journal of Luminescence</i> , 2016 , 177, 342-348	3.8	4
11	The effects of a water-soluble alpha tetra-substituted zinc phthalocyanine derivative on <i>Arthrospira platensis</i> -M2 strain. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 686-692	1.8	4
10	Axially phenoxy-derivative disubstituted phthalocyanine: synthesis, characterization and photophysical properties. <i>Research on Chemical Intermediates</i> , 2018 , 44, 6197-6217	2.8	3
9	Vic-dioxime complexes bearing carboxyester and picolyl amide functionality: synthesis, characterization, spectroscopy, electrochemistry, and electrical properties. <i>Monatshefte für Chemie</i> , 2013 , 144, 951-962	1.4	2
8	Synthesis of (4R)-2-(3-hydroxyphenyl)thiazolidine-4-carboxylic acid substituted phthalocyanines: Anticancer activity on different cancer cell lines and molecular docking studies. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6242	3.1	2
7	Alkyl chain modified metalophthalocyanines with enhanced antioxidant-antimicrobial properties by doping Ag ⁺ and Pd ²⁺ ions. <i>Journal of Molecular Structure</i> , 2022 , 1257, 132634	3.4	1
6	Tetra-substituted phthalocyanines bearing thiazolidine derivatives: synthesis, anticancer activity on different cancer cell lines, and molecular docking studies. <i>Dalton Transactions</i> , 2021 , 50, 15778-15792	4.3	1
5	Synthesis of water-soluble phthalocyanines containing 1-methyl-1H-imidazole-2-thiol: Investigation of DNA nuclease, glucosidase inhibitory, and photo-physicochemical properties. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6202	3.1	1
4	Novel tetrakis-phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	0
3	The use of water-soluble phthalocyanines as textile dyes in nylon/elastane fabric: fastness and antibacterial effectiveness. <i>Turkish Journal of Chemistry</i> , 2020 , 44, 923-931	1	0
2	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. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6258	3.1	0

- 1 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^{3,7}