Armagan Gnsel

List of Publications by Citations

47 papers	628 citations	16 h-index	22 g-index
48 ext. papers	744 ext. citations	3.1 avg, IF	4.33 L-index

#	Paper	IF	Citations
47	Synthesis and photophysicochemical properties of novel thiadiazole-substituted zinc (II), gallium (III) and silicon (IV) phthalocyanines for photodynamic therapy. *Inorganica Chimica Acta*, **2017**, 467, 169-176	2.7	41
46	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. *Dalton Transactions*, **2012**, 41, 7047-56	4.3	37
45	Synthesis and investigation of photophysicochemical properties of novel ketone-substituted gallium (III) and indium (III) phthalocyanines with high singlet oxygen yield for photodynamic therapy. *Journal of Luminescence*, **2017**, 192, 888-892	3.8	36
44	Synthesis, H- or J-type aggregations, electrochemistry and in situ spectroelectrochemistry of metal ion sensing lead(II) phthalocyanines. *Polyhedron*, **2010**, 29, 3394-3404	2.7	34
43	Ag(I) and Pd(II) sensing, H- or J-aggregation and redox properties of metal-free, manganase(III) and gallium(III) phthalocyanines. *Dyes and Pigments*, **2014**, 102, 169-179	4.6	27
42	Synthesis of non-peripheral thioanisole-substituted phthalocyanines: Photophysical, electrochemical, photovoltaic, and sensing properties. *Journal of Photochemistry and Photobiology A: Chemistry*, **2017**, 348, 57-67	4.7	26
41	Novel biologically active metallophthalocyanines as promising antioxidant-antibacterial agents: Synthesis, characterization and computational properties. *Journal of Molecular Structure*, **2020**, 1200, 127127	3.4	26
40	Functional fluoro substituted tetrakis-metallophthalocyanines: Synthesis, spectroscopy, electrochemistry and spectroelectrochemistry. *Journal of Fluorine Chemistry*, **2008**, 129, 662-668	2.1	24
39	Synthesis of tetra-substituted phthalocyanines bearing 2-(ethyl(m-tolyl)amino)ethanol: Computational and photophysicochemical studies. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 373, 77-86	4.7	23
38	Synthesis of tetra-substituted metallophthalocyanines: Spectral, structural, computational studies and investigation of their photophysical and photochemical properties. *Polyhedron*, **2019**, 158, 316-324	2.7	21
37	Extraction of electronic parameters of organic diode fabricated with NIR absorbing functional manganase phthalocyanine organic semiconductor. *Synthetic Metals*, **2011**, 161, 1477-1482	3.6	20
36	Synthesis of water soluble tetra-substituted phthalocyanines: Investigation of DNA cleavage, cytotoxic effects and metabolic enzymes inhibition. *Journal of Molecular Structure*, **2020**, 1214, 128210	3.4	20
35	Novel type ketone-substituted metallophthalocyanines: synthesis, spectral, structural, computational and anticancer studies. *RSC Advances*, **2017**, 7, 56296-56305	3.7	19
34	Selective chemosensor phthalocyanines for Pd2+ ions; synthesis, characterization, quantum chemical calculation, photochemical and photophysical properties. *Journal of Molecular Structure*, **2019**, 1180, 127-138	3.4	19
33	Synthesis, characterization, antioxidant and antibacterial properties of non-peripherally and peripherally tetra-substituted phthalocyanines. *Journal of Coordination Chemistry*, **2018**, 71, 3077-3089	1.6	17
32	Synthesis, photophysical and electrochemical properties of water soluble phthalocyanines bearing 8-hydroxyquinoline-5-sulfonicacid derivatives. *Journal of Luminescence*, **2016**, 176, 387-396	3.8	16
31	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	2.7	15

30	Comparative studies of photophysical and electrochemical properties of sulfur-containing substituted metal-free and metallophthalocyanines. *Research on Chemical Intermediates*, **2018**, 44, 971-989	2.8	15
29	Comparison of novel tetra-substituted phthalocyanines with their quaternized derivatives: Antioxidant and antibacterial properties. *Synthetic Metals*, **2020**, 260, 116288	3.6	15
28	Synthesis, characterization, photo-physicochemical and biological properties of water-soluble tetra-substituted phthalocyanines: Antidiabetic, anticancer and anticholinergic potentials. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 396, 112511	4.7	14
27	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	4.3	13
26	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	4.7	13
25	Peripheral and non-peripheral-designed multifunctional phthalocyanines; synthesis, electrochemistry, spectroelectrochemistry and metal ion binding studies. *Polyhedron*, **2011**, 30, 1446-1455	2.7	13
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	3.6	13
23	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	2.3	12
22	Turn-on fluorescent probe for Zn2+ ions based on thiazolidine derivative. *Applied Organometallic Chemistry*, **2020**, 34, e5624	3.1	12
21	The new ball-type zinc phthalocyanine with S S bridge; Synthesis, computational and photophysicochemical properties. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 389, 112287	4.7	12
20	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	3.4	11
19	Synthesis, characterization, and optical and surface properties of (4-(trifluoromethylthio)phenoxy) copper(II) phthalocyanine. *New Journal of Chemistry*, **2018**, 42, 6013-6022	3.6	9
18	Antioxidant properties of water-soluble phthalocyanines containing quinoline5-sulfonic acid groups. *Turkish Journal of Chemistry*, **2019**, 43, 1030-1039	1	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. *Dalton Transactions*, **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. *Journal of Molecular Structure*, **2021**, 1237, 130402	3.4	8
15	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	0.9	6
14	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	2.7	5
13	The effects of a water-soluble alpha tetra-substituted zinc phthalocyanine derivative onArthrospira platensis-M2 strain. *Journal of Porphyrins and Phthalocyanines*, **2018**, 22, 686-692	1.8	4

12	Cytotoxicity effects and biochemical investigation of novel tetrakis-phthalocyanines bearing 2-thiocytosine moieties with molecular docking studies. *Inorganic Chemistry Communication*, **2022**, 138, 109263	3.1	3
11	Highly soluble tetrasubstituted lanthanide bis-phthalocyanines; synthesis, characterization, electrical properties and aggregation studies. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 1065-1074	1.8	3
10	Axially phenoxy-derivative disubstituted phthalocyanine: synthesis, characterization and photophysical properties. *Research on Chemical Intermediates*, **2018**, 44, 6197-6217	2.8	3
9	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*,267-282	0.5	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. *Applied Organometallic Chemistry*, **2021**, 35, e6242	3.1	2
7	Alkyl chain modified metalophthalocyanines with enhanced antioxidant-antimicrobial properties by doping Ag+ and Pd2+ ions. *Journal of Molecular Structure*, **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. *Dalton Transactions*, **2021**, 50, 15778-15792	4.3	1
5	Synthesis of water-soluble phthalocyanines containing 1-methyl-1H-imidazole-2-thiol: Investigation of DNA nuclease, β-glucosidase inhibitory, and photo-physicochemical properties. *Applied Organometallic Chemistry*, **2021**, 35, e6202	3.1	1
4	Novel tetrakis-phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-14	3.6	0
3	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	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. *Applied Organometallic Chemistry*, **2021**, 35, e6353	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	