

Jonathan Britton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

615
citations

15
h-index

22
g-index

49
ext. papers

691
ext. citations

3.1
avg. IF

4.17
L-index

#	Paper	IF	Citations
47	The photocatalytic properties of zinc phthalocyanines supported on hematite nanofibers for use against methyl orange and <i>Staphylococcus aureus</i> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 424, 113637	4.7	1
46	Effect of ultrasonic frequency and power on the sonodynamic therapy activity of cationic Zn(II) phthalocyanines. <i>Journal of Inorganic Biochemistry</i> , 2021 , 217, 111397	4.2	2
45	The improved antibacterial efficiency of a zinc phthalocyanine when embedded on silver nanoparticle modified silica nanofibers. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021 , 33, 102100	3.5	4
44	Synthesis of a near infrared-actuated phthalocyanine-lipid vesicle system for augmented photodynamic therapy. <i>Synthetic Metals</i> , 2021 , 278, 116811	3.6	1
43	Growth of centimeter scale carbon wires using in-liquid AC arc discharge. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
42	Bioelectrocatalysis and surface analysis of gold coated with nickel oxide/hydroxide and glucose oxidase towards detection of glucose. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 190, 110981	6	8
41	Fabrication of dye-sensitized solar cells based on push-pull asymmetrical substituted zinc and copper phthalocyanines and reduced graphene oxide nanosheets. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 399, 112612	4.7	5
40	Photodegradation of 4-chlorophenol using Zn and In phthalocyanines substituted with pyrrole without hetero atoms linkers and supported on polyacrylonitrile electrospun fibres. <i>Polyhedron</i> , 2020 , 178, 114329	2.7	2
39	Characterization of electrodes modified with nanocomposites of cobalt tetraaminophenoxyphthalocyanine, reduced graphene and multi-walled carbon nanotubes. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 1922-1935	1.6	1
38	Nonlinear optical properties of metal free and nickel binuclear phthalocyanines. <i>Dyes and Pigments</i> , 2019 , 168, 347-356	4.6	18
37	Spectroscopic and nonlinear optical properties of alkyl thio substituted binuclear phthalocyanines. <i>Dyes and Pigments</i> , 2019 , 162, 249-256	4.6	13
36	Photophysics and NLO properties of Ga(III) and In(III) phthalocyaninates bearing diethyleneglycol chains. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 137-148	1.8	3
35	Effect of nature of nanoparticles on the photophysicochemical properties of asymmetrically substituted Zn phthalocyanines. <i>Inorganica Chimica Acta</i> , 2018 , 482, 438-446	2.7	1
34	The effect of the cobalt and manganese central metal ions on the nonlinear optical properties of tetra(4-propargyloxyphenoxy)phthalocyanines. <i>New Journal of Chemistry</i> , 2018 , 42, 9857-9864	3.6	7
33	Optimizing phthalocyanine based dye-sensitized solar cells: The role of reduced graphene oxide. <i>Synthetic Metals</i> , 2018 , 246, 236-245	3.6	3
32	Effects of Pluronic F127 micelles as delivering agents on the vitro dark toxicity and photodynamic therapy activity of carboxy and pyrene substituted porphyrins. <i>Polyhedron</i> , 2018 , 152, 102-107	2.7	15
31	Synthesis, photophysical and nonlinear optical properties of a series of ball-type phthalocyanines in solution and thin films. <i>New Journal of Chemistry</i> , 2017 , 41, 2020-2028	3.6	23

30	Photophysical properties of GaCl ₅ ,10,15,20-tetra(1-pyrenyl)porphyrinato incorporated into Pluronic F127 micelle. <i>Journal of Luminescence</i> , 2017 , 185, 34-41	3.8	9
29	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. <i>Dyes and Pigments</i> , 2017 , 140, 417-430	4.6	37
28	Improving singlet oxygen generating abilities of phthalocyanines: aluminum tetrasulfonated phthalocyanine in the presence of graphene quantum dots and folic acid. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 1601-1616	1.6	22
27	Photophysical and nonlinear optical study of benzothiazole substituted phthalocyanines in solution and thin films. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 263-272	1.8	14
26	Effects of charge on the photophysicochemical properties of zinc phthalocyanine derivatives doped onto silica nanoparticles. <i>Polyhedron</i> , 2017 , 138, 37-45	2.7	7
25	Optical limiters with improved performance based on nanoconjugates of thiol substituted phthalocyanine with CdSe quantum dots and Ag nanoparticles. <i>Dalton Transactions</i> , 2017 , 46, 16190-16198	4.3	30
24	Solvent Effect on the Third-Order Nonlinear Optical Properties of β -tertbutyl Phenoxy-Substituted Tin(IV) Chloride Phthalocyanines. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 7165-7175	2.8	12
23	The effect of point of substitution and silver based nanoparticles on the photophysical and optical nonlinearity of indium carboxyphenoxy phthalocyanine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 347, 146-159	4.7	13
22	Characterization of conjugates of NaYF ₄ :Yb,Er,Gd upconversion nanoparticle with aluminium phthalocyanines. <i>Journal of Molecular Structure</i> , 2017 , 1130, 128-137	3.4	3
21	Photophysical studies of meso-tetrakis(4-nitrophenyl) and meso-tetrakis(4-sulfophenyl) gallium porphyrins loaded into Pluronic F127 polymeric micelles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 348, 179-187	4.7	3
20	Graphene Quantum Dots Functionalized with 4-Amino-2, 2, 6, 6-Tetramethylpiperidine-N-Oxide as Fluorescence "Turn-ON" Nanosensors. <i>Journal of Fluorescence</i> , 2016 , 26, 2199-2212	2.4	12
19	Effects of pluronic silica nanoparticles on the photophysical and photodynamic therapy behavior of triphenyl-p-phenoxy benzoic acid metalloporphyrins. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 3491-3506	1.6	13
18	Improvement of nonlinear optical properties of phthalocyanine bearing diethyleneglycole chains: Influence of symmetry lowering vs. heavy atom effect. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1296-1305	1.8	23
17	Powder-XRD and (14) N magic angle-spinning solid-state NMR spectroscopy of some metal nitrides. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 371-6	2.1	3
16	Synthesis and dark toxicity of 5-(4-carboxyphenyl)-10,15,20-tris(phenyl)-porphyrinato chlorido gallium(III) when conjugated to β -aminolevulinic acid. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 3035-3042	1.6	16
15	Optical limiting and singlet oxygen generation properties of phosphorus triazatetrazabenzcorroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 192-204	1.8	7
14	Effects of differently shaped silver nanoparticles on the photophysics of pyridylsulfanyl-substituted phthalocyanines. <i>Polyhedron</i> , 2015 , 99, 112-121	2.7	10
13	Nonlinear optical properties of natural laccaic acid dye studied using Z-scan technique. <i>Optical Materials</i> , 2015 , 46, 270-275	3.3	57

12	Spectroscopic and nonlinear optical properties of the four positional isomers of 4E(4-tert-butylphenoxy)phthalocyanine. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10705-10714	7.1	16
11	Fluorescence Behaviour and Singlet Oxygen Production of Aluminium Phthalocyanine in the Presence of Upconversion Nanoparticles. <i>Journal of Fluorescence</i> , 2015 , 25, 1417-29	2.4	7
10	Synthesis and photophysical properties of nanocomposites of aluminum tetrasulfonated phthalocyanine covalently linked to glutathione capped CdTe/CdS/ZnS quantum dots. <i>Synthetic Metals</i> , 2015 , 205, 212-221	3.6	15
9	Photophysical and non-linear optical behavior of novel tetra alkynyl terminated indium phthalocyanines: Effects of the carbon chain length. <i>Polyhedron</i> , 2015 , 88, 73-80	2.7	21
8	Enhanced nonlinear optical properties of octa-substituted lead and cadmium phthalocyanines when embedded in poly(bisphenol A carbonate) as thin films. <i>Polyhedron</i> , 2014 , 81, 607-613	2.7	20
7	Synthesis and nonlinear optical examination of 3(4),15(16)-Bis-(4-tert-butyl-phenoxy)-10,22-diaminohemiporphyrizinato chloroindium. <i>Journal of Molecular Structure</i> , 2013 , 1047, 143-148	3.4	4
6	Poly methyl methacrylate films containing metallophthalocyanines in the presence of CdTe quantum dots: Non-linear optical behaviour and triplet state lifetimes. <i>Journal of Molecular Structure</i> , 2013 , 1054-1055, 209-214	3.4	12
5	Third order nonlinear optical properties of phthalocyanines in the presence nanomaterials and in polymer thin films. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 691-702	1.8	22
4	Optical Limiting Analysis of Phthalocyanines in Polymer Thin Films. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013 , 50, 110-120	2.2	14
3	Optical limiting behavior of ring substituted zinc, indium and gallium phthalocyanines in the presence of quantum dots. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 1239-1249	1.8	26
2	Fluorescence quenching and energy transfer in conjugates of quantum dots with zinc and indium tetraamino phthalocyanines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 210, 1-7	4.7	52
1	Fluorescence studies of quantum dots and zinc tetraamino phthalocyanine conjugates. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 828-831	3.1	23