

Jonathan Britton

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9102273/jonathan-britton-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Nonlinear optical properties of natural laccaic acid dye studied using Z-scan technique. <i>Optical Materials</i> , 2015 , 46, 270-275	3.3	57
46	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
45	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
44	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
43	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
42	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
41	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
40	Fluorescence studies of quantum dots and zinc tetraamino phthalocyanine conjugates. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 828-831	3.1	23
39	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
38	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
37	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
36	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
35	Nonlinear optical properties of metal free and nickel binuclear phthalocyanines. <i>Dyes and Pigments</i> , 2019 , 168, 347-356	4.6	18
34	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
33	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
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	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

30	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
29	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
28	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
27	Spectroscopic and nonlinear optical properties of alkyl thio substituted binuclear phthalocyanines. <i>Dyes and Pigments</i> , 2019 , 162, 249-256	4.6	13
26	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
25	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
24	Solvent Effect on the Third-Order Nonlinear Optical Properties of β - and γ -tertbutyl Phenoxy-Substituted Tin(IV) Chloride Phthalocyanines. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 7165-7175	2.8	12
23	Effects of differently shaped silver nanoparticles on the photophysics of pyridylsulfanyl-substituted phthalocyanines. <i>Polyhedron</i> , 2015 , 99, 112-121	2.7	10
22	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
21	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
20	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
19	Optical limiting and singlet oxygen generation properties of phosphorus triazatetrabenzcorroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 192-204	1.8	7
18	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
17	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
16	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
15	Synthesis and nonlinear optical examination of 3(4),15(16)-Bis-(4-tert-butyl-phenoxy)-10,22-diaminohemiporphyrinato chloroindium. <i>Journal of Molecular Structure</i> , 2013 , 1047, 143-148	3.4	4
14	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
13	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

12	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
11	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
10	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
9	Optimizing phthalocyanine based dye-sensitized solar cells: The role of reduced graphene oxide. <i>Synthetic Metals</i> , 2018 , 246, 236-245	3.6	3
8	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
7	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
6	Characterization of electrodes modified with nanocomposites of cobalt tetraaminophenoxphthalocyanine, reduced graphene and multi-walled carbon nanotubes. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 1922-1935	1.6	1
5	Growth of centimeter scale carbon wires using in-liquid AC arc discharge. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
4	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
3	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
2	Synthesis of a near infrared-actuated phthalocyanine-lipid vesicle system for augmented photodynamic therapy. <i>Synthetic Metals</i> , 2021 , 278, 116811	3.6	1
1	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	1