

David O Oluwole

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

717
citations

471061

17
h-index

580395

25
g-index

40
all docs

40
docs citations

40
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics-Free Compounds for Chronic Wound Healing. <i>Pharmaceutics</i> , 2022, 14, 1021.	2.0	9
2	Photodynamic activity of 2,6-diiodo-3,5-dithienylvinyleneBODIPYs and their folate-functionalized chitosan-coated Pluronic® F-127 micelles on MCF-7 breast cancer cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 973-984.	0.4	1
3	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.	2.0	13
4	Preparation of NIR absorbing axial substituted tin(<sc>iv</sc>) porphyrins and their photocytotoxic properties. <i>MedChemComm</i> , 2019, 10, 41-48.	3.5	19
5	Physicochemical and antimicrobial photodynamic chemotherapy (against <i>E. coli</i>) by indium phthalocyanines in the presence of silver-iron bimetallic nanoparticles. <i>Polyhedron</i> , 2019, 162, 30-38.	1.0	28
6	Investigation of novel substituted zinc and aluminium phthalocyanines for photodynamic therapy of epithelial breast cancer. <i>Dyes and Pigments</i> , 2019, 170, 107592.	2.0	25
7	The photo-physicochemical properties and in vitro photodynamic therapy activity of differently substituted-zinc (II)-phthalocyanines and graphene quantum dots conjugates on MCF7 breast cancer cell line. <i>Inorganica Chimica Acta</i> , 2019, 488, 304-311.	1.2	12
8	Photophysicochemical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 34-45.	0.4	22
9	Photophysicochemical and photodynamic therapy properties of metallophthalocyanines linked to gold speckled silica nanoparticles. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 325-333.	1.3	10
10	Fabrication of efficient nonlinear optical absorber using Zn phthalocyanine-semiconductor quantum dots conjugates. <i>Polyhedron</i> , 2019, 159, 102-115.	1.0	10
11	Evaluation of the photosensitizing properties of zinc and indium tetra cinnamic acid phthalocyanines linked to magnetic nanoparticles on human breast adenocarcinoma cells. <i>Journal of Luminescence</i> , 2019, 205, 385-392.	1.5	13
12	Improved Photophysical and Photochemical Properties of Thiopheneethoxy Substituted Metallophthalocyanines on Immobilization onto Gold-speckled Silica Nanoparticles. <i>Photochemistry and Photobiology</i> , 2018, 94, 521-531.	1.3	5
13	Optical nonlinearity of pentadecylphenoxy substituted sandwich-type metallophthalocyanines in the presence of Ag-CdSeTe/ZnTeSe nanocrystals: Effects of conjugation and central metals. <i>Dyes and Pigments</i> , 2018, 151, 254-262.	2.0	4
14	Novel nano-dyad of homoleptic sandwich-type phthalocyanines with nitrogen doped graphene quantum dots for nonlinear optics. <i>New Journal of Chemistry</i> , 2018, 42, 10124-10133.	1.4	10
15	Evaluation of the photophysicochemical properties and photodynamic therapy activity of nanoconjugates of zinc phthalocyanine linked to glutathione capped Au and Au 3 Ag 1 nanoparticles. <i>Dyes and Pigments</i> , 2018, 150, 139-150.	2.0	15
16	Optimizing phthalocyanine based dye-sensitized solar cells: The role of reduced graphene oxide. <i>Synthetic Metals</i> , 2018, 246, 236-245.	2.1	7
17	Effects of the carboxylic acid substituents on the photophysical and nonlinear optical properties of asymmetrical Zn(II) phthalocyanines-quantum dots conjugates. <i>Inorganic and Nano-Metal Chemistry</i> , 2018, 48, 296-307.	0.9	3
18	The investigation of in vitro dark cytotoxicity and photodynamic therapy effect of a 2,6-dibromo-3,5-distyryl BODIPY dye encapsulated in Pluronic® F-127 micelles. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3444-3457.	0.8	7

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19	Glycosylated zinc phthalocyanine-gold nanoparticle conjugates for photodynamic therapy: Effect of nanoparticle shape. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 85-95.	2.0	25
20	Photophysical properties and photodynamic therapy activity of highly water-soluble Zn(II) phthalocyanines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 236-243.	2.0	20
21	Effect of nature of nanoparticles on the photophysical properties of asymmetrically substituted Zn phthalocyanines. <i>Inorganica Chimica Acta</i> , 2018, 482, 438-446.	1.2	2
22	Photodynamic therapy activity of zinc phthalocyanine linked to folic acid and magnetic nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 186, 216-224.	1.7	25
23	A gold-chitosan composite with low symmetry zinc phthalocyanine for enhanced singlet oxygen generation and improved photodynamic therapy activity. <i>New Journal of Chemistry</i> , 2018, 42, 10214-10225.	1.4	19
24	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. <i>Dyes and Pigments</i> , 2017, 140, 417-430.	2.0	40
25	Nonlinear optical dynamics of benzothiazole derivatized phthalocyanines in solution, thin films and when conjugated to nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 46-59.	2.0	22
26	Characterization of phthalocyanine functionalized quantum dots by dynamic light scattering, laser Doppler, and capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1707-1715.	1.9	11
27	First Example of Nonlinear Optical Materials Based on Nanoconjugates of Sandwich Phthalocyanines with Quantum Dots. <i>Chemistry - A European Journal</i> , 2017, 23, 2820-2830.	1.7	70
28	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.	1.6	36
29	Investigation of photophysical properties of zinc phthalocyanines conjugated to metallic nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 349, 148-161.	2.0	37
30	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.	2.0	13
31	Photophysical behaviour of anionic indium phthalocyanine when grafted onto Ag _x Au _y and porous silica nanoparticles. <i>Journal of Luminescence</i> , 2017, 190, 353-363.	1.5	10
32	Photophysical behavior and photodynamic therapy activity of conjugates of zinc monocarboxyphenoxy phthalocyanine with human serum albumin and chitosan. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 292-300.	2.0	25
33	Photophysical behaviour of metallophthalocyanines when doped onto silica nanoparticles. <i>Dyes and Pigments</i> , 2017, 136, 262-272.	2.0	14
34	phthalocyanine with cysteamine capped silver and silver-gold nanoparticles. <i>Polyhedron</i> , 2016, 119, 434-444.	1.0	36
35	The effects of silica based nanoparticles on the photophysical properties, in vitro dark viability and photodynamic therapy study of zinc monocarboxyphenoxy phthalocyanine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 329, 221-231.	2.0	8
36	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.	0.4	25

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37	Photophysicochemical properties and in vitro cytotoxicity of zinc tetracarboxyphenoxy phthalocyanine quantum dot nanocomposites. <i>Polyhedron</i> , 2016, 106, 92-100.	1.0	15
38	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.	2.1	15
39	Comparative photophysicochemical behavior of nanoconjugates of indium tetracarboxyphenoxy phthalocyanines covalently linked to CdTe/ZnSe/ZnO quantum dots. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 312, 34-44.	2.0	21
40	Physicochemical behavior of nanohybrids of mono and tetra substituted carboxyphenoxy phthalocyanine covalently linked to GSH-CdTe/CdS/ZnS quantum dots. <i>Polyhedron</i> , 2015, 87, 8-16.	1.0	15