David O Oluwole

List of Publications by Year
in descending order

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40	717	471509 17	580821 25
papers	citations	h-index	g-index

40	40	40	730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antibiotics-Free Compounds for Chronic Wound Healing. Pharmaceutics, 2022, 14, 1021.	4.5	9
2	Photodynamic activity of 2,6-diiodo-3,5-dithienylvinyleneBODIPYs and their folate-functionalized chitosan-coated PluronicÂ® F-127 micelles on MCF-7 breast cancer cells. Journal of Porphyrins and Phthalocyanines, 2020, 24, 973-984.	0.8	1
3	Fabrication of dye-sensitized solar cells based on push-pull asymmetrical substituted zinc and copper phthalocyanines and reduced graphene oxide nanosheets. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 399, 112612.	3.9	13
4	Preparation of NIR absorbing axial substituted tin(<scp>iv</scp>) porphyrins and their photocytotoxic properties. MedChemComm, 2019, 10, 41-48.	3.4	19
5	Physicochemical and antimicrobial photodynamic chemotherapy (against E. coli) by indium phthalocyanines in the presence of silverâ€“iron bimetallic nanoparticles. Polyhedron, 2019, 162, 30-38.	2.2	28
6	Investigation of novel substituted zinc and aluminium phthalocyanines for photodynamic therapy of epithelial breast cancer. Dyes and Pigments, 2019, 170, 107592.	3.7	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. Inorganica Chimica Acta, 2019, 488, 304-311.	2.4	12
8	Photophysicochemical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates. Journal of Porphyrins and Phthalocyanines, 2019, 23, 34-45.	0.8	22
9	Photophysicochemical and photodynamic therapy properties of metallophthalocyanines linked to gold speckled silica nanoparticles. Photodiagnosis and Photodynamic Therapy, 2019, 25, 325-333.	2.6	10
10	Fabrication of efficient nonlinear optical absorber using Zn phthalocyanine-semiconductor quantum dots conjugates. Polyhedron, 2019, 159, 102-115.	2.2	10
11	Evaluation of the photosensitizing properties of zinc and indium tetra cinnamic acid phthalocyanines linked to magnetic nanoparticles on human breast adenocarcinoma cells. Journal of Luminescence, 2019, 205, 385-392.	3.1	13
12	Improved Photophysical and Photochemical Properties of Thiopheneethoxy Substituted Metallophthalocyanines on Immobilization onto Goldâ€speckled Silica Nanoparticles. Photochemistry and Photobiology, 2018, 94, 521-531.	2.5	5
13	Optical nonlinearity of pentadecylphenoxyl substituted sandwichâ€“type metallophthalocyanines in the presence of Agâ€“CdSeTe/ZnTeSe nanocrystals: Effects of conjugation and central metals. Dyes and Pigments, 2018, 151, 254-262.	3.7	4
14	Novel nano-dyad of homoleptic sandwich-type phthalocyanines with nitrogen doped graphene quantum dots for nonlinear optics. New Journal of Chemistry, 2018, 42, 10124-10133.	2.8	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. Dyes and Pigments, 2018, 150, 139-150.	3.7	15
16	Optimizing phthalocyanine based dye-sensitized solar cells: The role of reduced graphene oxide. Synthetic Metals, 2018, 246, 236-245.	3.9	7
17	Effects of the carboxylic acid substituents on the photophysical and nonlinear optical properties of asymmetrical Zn(II) phthalocyaninesâ€“quantum dots conjugates. Inorganic and Nano-Metal Chemistry, 2018, 48, 296-307.	1.6	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^{Â®} F-127 micelles. Journal of Coordination Chemistry, 2018, 71, 3444-3457.	2.2	7

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19	Glycosylated zinc phthalocyanine-gold nanoparticle conjugates for photodynamic therapy: Effect of nanoparticle shape. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 85-95.	3.9	25
20	Photophysicochemical properties and photodynamic therapy activity of highly water-soluble Zn(II) phthalocyanines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 236-243.	3.9	20
21	Effect of nature of nanoparticles on the photophysicochemical properties of asymmetrically substituted Zn phthalocyanines. Inorganica Chimica Acta, 2018, 482, 438-446.	2.4	2
22	Photodynamic therapy activity of zinc phthalocyanine linked to folic acid and magnetic nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2018, 186, 216-224.	3.8	25
23	A goldâ€“chitosan composite with low symmetry zinc phthalocyanine for enhanced singlet oxygen generation and improved photodynamic therapy activity. New Journal of Chemistry, 2018, 42, 10214-10225.	2.8	19
24	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. Dyes and Pigments, 2017, 140, 417-430.	3.7	40
25	Nonlinear optical dynamics of benzothiazole derivatized phthalocyanines in solution, thin films and when conjugated to nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 46-59.	3.9	22
26	Characterization of phthalocyanine functionalized quantum dots by dynamic light scattering, laser Doppler, and capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2017, 409, 1707-1715.	3.7	11
27	First Example of Nonlinear Optical Materials Based on Nanoconjugates of Sandwich Phthalocyanines with Quantum Dots. Chemistry - A European Journal, 2017, 23, 2820-2830.	3.3	70
28	Optical limiters with improved performance based on nanoconjugates of thiol substituted phthalocyanine with CdSe quantum dots and Ag nanoparticles. Dalton Transactions, 2017, 46, 16190-16198.	3.3	36
29	Investigation of photophysicochemical properties of zinc phthalocyanines conjugated to metallic nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 349, 148-161.	3.9	37
30	The effect of point of substitution and silver based nanoparticles on the photophysical and optical nonlinearity of indium carboxyphenoxy phthalocyanine. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 347, 146-159.	3.9	13
31	Photophysicochemical behaviour of anionic indium phthalocyanine when grafted onto AgxAuy and porous silica nanoparticles. Journal of Luminescence, 2017, 190, 353-363.	3.1	10
32	Photophysical behavior and photodynamic therapy activity of conjugates of zinc monocarboxyphenoxy phthalocyanine with human serum albumin and chitosan. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 292-300.	3.9	25
33	Photophysicochemical behaviour of metallophthalocyanines when doped onto silica nanoparticles. Dyes and Pigments, 2017, 136, 262-272.	3.7	14
34	phthalocyanine with cysteamine capped silver and silverâ€“gold nanoparticles. Polyhedron, 2016, 119, 434-444.	2.2	36
35	The effects of silica based nanoparticles on the photophysicochemical properties, in vitro dark viability and photodynamic therapy study of zinc monocarboxyphenoxy phthalocyanine. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 221-231.	3.9	8
36	Improvement of nonlinear optical properties of phthalocyanine bearing diethyleneglycole chains: Influence of symmetry lowering vs. heavy atom effect. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1296-1305.	0.8	25

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37	Photophysicochemical properties and in vitro cytotoxicity of zinc tetracarboxyphenoxy phthalocyanine â€“ quantum dot nanocomposites. Polyhedron, 2016, 106, 92-100.	2.2	15
38	Synthesis and photophysical properties of nanocomposites of aluminum tetrasulfonated phthalocyanine covalently linked to glutathione capped CdTe/CdS/ZnS quantum dots. Synthetic Metals, 2015, 205, 212-221.	3.9	15
39	Comparative photophysicochemical behavior of nanoconjugates of indium tetracarboxyphenoxy phthalocyanines covalently linked to CdTe/ZnSe/ZnO quantum dots. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 312, 34-44.	3.9	21
40	Physicochemical behavior of nanohybrids of mono and tetra substituted carboxyphenoxy phthalocyanine covalently linked to GSHâ€“CdTe/CdS/ZnS quantum dots. Polyhedron, 2015, 87, 8-16.	2.2	15