

Njemuwa Nwaji

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

398
citations

687335

13
h-index

752679

20
g-index

23
all docs

23
docs citations

23
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic therapy characteristics of phthalocyanines in the presence of boron doped detonation nanodiamonds: Effect of symmetry and charge. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102705.	2.6	6
2	Ball-type phthalocyanines and reduced graphene oxide nanoparticles as separate and combined corrosion inhibitors of aluminium in HCl. <i>Journal of Molecular Structure</i> , 2021, 1236, 130279.	3.6	12
3	Electrodeposited Benzothiazole Phthalocyanines for Corrosion Inhibition of Aluminium in Acidic Medium. <i>International Journal of Electrochemistry</i> , 2020, 2020, 1-11.	2.4	2
4	Inhibition of Aluminium Corrosion Using Benzothiazole and Its Phthalocyanine Derivative. <i>Electrocatalysis</i> , 2019, 10, 445-458.	3.0	16
5	Nonlinear optical responses of carbazole-substituted phthalocyanines conjugated to graphene quantum dots and in thin films. <i>Journal of Luminescence</i> , 2019, 213, 88-97.	3.1	20
6	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.	0.8	22
7	Corrosion Resistance of Aluminum against Acid Activation: Impact of Benzothiazole-Substituted Gallium Phthalocyanine. <i>Molecules</i> , 2019, 24, 207.	3.8	27
8	Photo-induced resonance energy transfer and nonlinear optical response in ball-type phthalocyanine conjugated to semiconductor and graphene quantum dots. <i>New Journal of Chemistry</i> , 2018, 42, 6040-6050.	2.8	12
9	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.	2.8	10
10	Photophysical and strong optical limiting properties of ball-type phthalocyanines dimers and their monomeric analogues. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 352, 73-85.	3.9	17
11	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.	3.9	25
12	Enhanced nonlinear optical response of benzothiazole substituted ball-type phthalocyanines in the presence of metallic nanoparticles. <i>Optical Materials</i> , 2018, 82, 93-103.	3.6	20
13	Photophysical and enhanced nonlinear optical response in asymmetric benzothiazole substituted phthalocyanine covalently linked to semiconductor quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 629-639.	3.9	12
14	An optical limiting study in aminophenoxy substituted phthalocyanine in the presence of semiconductor quantum dots. <i>Journal of Luminescence</i> , 2018, 203, 247-256.	3.1	12
15	The photophysicochemical behavior of symmetric and asymmetric zinc phthalocyanines, surface assembled onto gold nanotriangles. <i>New Journal of Chemistry</i> , 2018, 42, 14290-14299.	2.8	7
16	Effect of number of positive charges on the photophysical and photodynamic therapy activities of quaternary benzothiazole substituted zinc phthalocyanine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 367, 253-260.	3.9	16
17	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.	2.8	25
18	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. <i>Dyes and Pigments</i> , 2017, 140, 417-430.	3.7	40

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19	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.	3.9	22
20	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.	0.8	16
21	4-Bis(4-aminophenoxy)phenoxy derivitized phthalocyanine conjugated to metallic nanoparticles: searching for enhanced optical limiting materials. <i>New Journal of Chemistry</i> , 2017, 41, 14351-14363.	2.8	11
22	Nanosecond optical nonlinearities in low symmetry phthalocyanine nanoconjugates studied using the Z-scan technique. <i>Journal of Luminescence</i> , 2017, 192, 1167-1179.	3.1	11
23	Investigation of photophysicochemical properties of zinc phthalocyanines conjugated to metallic nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 349, 148-161.	3.9	37