

# Njemuwa Nwaji Njoku

## List of Publications by Citations

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31  
papers

374  
citations

12  
h-index

17  
g-index

33  
ext. papers

456  
ext. citations

3.9  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
31	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. <i>Dyes and Pigments</i> , <b>2017</b> , 140, 417-430	4.6	37
30	Synthesis, photophysical and nonlinear optical properties of a series of ball-type phthalocyanines in solution and thin films. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2020-2028	3.6	23
29	Investigation of photophysicochemical properties of zinc phthalocyanines conjugated to metallic nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 349, 148-161	4.7	23
28	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> , <b>2017</b> , 346, 46-59	4.7	22
27	Low symmetric metallophthalocyanine modified electrode via click chemistry for simultaneous detection of heavy metals. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 813, 58-66	4.1	20
26	Glycosylated zinc phthalocyanine-gold nanoparticle conjugates for photodynamic therapy: Effect of nanoparticle shape. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 203, 85-95	4.4	20
25	Corrosion Resistance of Aluminum against Acid Activation: Impact of Benzothiazole-Substituted Gallium Phthalocyanine. <i>Molecules</i> , <b>2019</b> , 24,	4.8	18
24	Enhanced nonlinear optical response of benzothiazole substituted ball-type phthalocyanines in the presence of metallic nanoparticles. <i>Optical Materials</i> , <b>2018</b> , 82, 93-103	3.3	16
23	Photophysical and nonlinear optical study of benzothiazole substituted phthalocyanines in solution and thin films. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2017</b> , 21, 263-272	1.8	14
22	Nonlinear optical responses of carbazole-substituted phthalocyanines conjugated to graphene quantum dots and in thin films. <i>Journal of Luminescence</i> , <b>2019</b> , 213, 88-97	3.8	14
21	Photophysicochemical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 34-45	1.8	14
20	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> , <b>2018</b> , 42, 6040-6050	3.6	12
19	Photophysical and strong optical limiting properties of ball-type phthalocyanines dimers and their monomeric analogues. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 352, 73-85	4.7	12
18	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> , <b>2018</b> , 204, 629-639	4.4	12
17	Inhibition of Aluminium Corrosion Using Benzothiazole and Its Phthalocyanine Derivative. <i>Electrocatalysis</i> , <b>2019</b> , 10, 445-458	2.7	11
16	An optical limiting study in aminophenoxy substituted phthalocyanine in the presence of semiconductor quantum dots. <i>Journal of Luminescence</i> , <b>2018</b> , 203, 247-256	3.8	11
15	Effect of number of positive charges on the photophysical and photodynamic therapy activities of quarternary benzothiazole substituted zinc phthalocyanine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 367, 253-260	4.7	11

14	Nanosecond optical nonlinearities in low symmetry phthalocyanine nanoconjugates studied using the Z-scan technique. <i>Journal of Luminescence</i> , <b>2017</b> , 192, 1167-1179	3.8	11
13	Photophysical and optical limiting properties at 532 nm of BODIPY dyes with p-benzyloxystyryl groups at the 3,5-positions. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2018</b> , 22, 413-422	1.8	10
12	4-Bis(4-aminophenoxy)phenoxy derivitized phthalocyanine conjugated to metallic nanoparticles: searching for enhanced optical limiting materials. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14351-14363	3.6	9
11	Photophysicochemical and photodynamic therapy properties of metallophthalocyanines linked to gold speckled silica nanoparticles. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2019</b> , 25, 325-333	3.5	9
10	Green Synthesis of Biogenic Zinc Oxide Nanoflower as Dual Agent for Photodegradation of an Organic Dye and Tyrosinase Inhibitor. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2021</b> , 31, 886-897	3.2	8
9	Novel nano-dyad of homoleptic sandwich-type phthalocyanines with nitrogen doped graphene quantum dots for nonlinear optics. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10124-10133	3.6	7
8	The photophysicochemical behavior of symmetric and asymmetric zinc phthalocyanines, surface assembled onto gold nanotriangles. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 14290-14299	3.6	6
7	Ball-type phthalocyanines and reduced graphene oxide nanoparticles as separate and combined corrosion inhibitors of aluminium in HCl. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1236, 130279	3.4	6
6	Gold Nanoparticle-Decorated Bi <sub>2</sub> S <sub>3</sub> Nanorods and Nanoflowers for Photocatalytic Wastewater Treatment. <i>Catalysts</i> , <b>2021</b> , 11, 355	4	5
5	Theoretical and photodynamic therapy characteristics of heteroatom doped detonation nanodiamonds linked to asymmetrical phthalocyanine for eradication of breast cancer cells. <i>Journal of Luminescence</i> , <b>2020</b> , 227, 117465	3.8	4
4	Electrodeposited Benzothiazole Phthalocyanines for Corrosion Inhibition of Aluminium in Acidic Medium. <i>International Journal of Electrochemistry</i> , <b>2020</b> , 2020, 1-11	2.4	2
3	Photodynamic therapy characteristics of phthalocyanines in the presence of boron doped detonation nanodiamonds: Effect of symmetry and charge.. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 102705	3.5	1
2	Light- and Melanin Nanoparticle-Induced Cytotoxicity in Metastatic Cancer Cells. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
1	Synthesis of ZnS-CuS-Bi nanonail heterostructures and funnel mechanism of their photocatalytic activity. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106066	6.8	1