Tebello Nyokong

List of Publications by Year
in descending order

900 papers	25,873 citations	10351 72 h-index	22764 112 g-index
925 all docs	925 docs citations	925 times ranked	13490 citing authors

#	Article	IF	Citations
1	A simple quinoline-thiophene Schiff base turn-off chemosensor for Hg2+ detection: spectroscopy, sensing properties and applications. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120338.	2.0	28
2	Symmetry effect of cobalt phthalocyanines on the aluminium corrosion inhibition in hydrochloric acid. Materials Letters, 2022, 306, 130892.	1.3	5
3	Indium phthalocyanines: Comparative photophysicochemical properties and photodynamic antimicrobial activities against Staphylococcus aureus and Escherichia coli. Journal of Molecular Structure, 2022, 1250, 131850.	1.8	9
4	The synergistic effects of coupling Au nanoparticles with an alkynyl Co(II) phthalocyanine on the detection of prostate specific antigen. Talanta, 2022, 237, 122948.	2.9	7
5	The photocatalytic properties of zinc phthalocyanines supported on hematite nanofibers for use against methyl orange and Staphylococcus aureus. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 424, 113637.	2.0	7
6	Time-dependent characterization of graphene quantum dots and graphitic carbon nitride quantum dots synthesized by hydrothermal methods. Diamond and Related Materials, 2022, 121, 108751.	1.8	10
7	Sn(IV) porphyrin-biotin decorated nitrogen doped graphene quantum dots nanohybrids for photodynamic therapy. Polyhedron, 2022, 213, 115624.	1.0	16
8	Photodynamic therapy characteristics of phthalocyanines in the presence of boron doped detonation nanodiamonds: Effect of symmetry and charge. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102705.	1.3	6
9	Structural modification of RhIIItriarylcorroles for enhanced electrocatalyzed hydrogen evolution reactions. Dyes and Pigments, 2022, 199, 110046.	2.0	3
10	Editorial: Rising Stars: Africa. Frontiers in Chemistry, 2022, 10, 851125.	1.8	0
11	Low-Symmetry Phthalocyanines Bearing Carboxy-Groups: Synthesis, Spectroscopic and Quantum-Chemical Characterization. Molecules, 2022, 27, 524.	1.7	1
12	Assessing the electrocatalytic activity of a localized push-pull system in cobalt phthalocyanine/graphene quantum dot hybrids. Materials Chemistry and Physics, 2022, 280, 125842.	2.0	2
13	A Sn(<scp>iv</scp>) porphyrin with mitochondria targeting properties for enhanced photodynamic activity against MCF-7 cells. New Journal of Chemistry, 2022, 46, 5288-5295.	1.4	4
14	Electrochemical Detection of Nitrite Using an Asymmetrically Substituted Cobalt Phthalocyanine Conjugated to Metal Tungstate Nanoparticles. Electroanalysis, 2022, 34, 1348-1362.	1.5	5
15	Aptamer versus antibody as probes for the impedimetric biosensor for human epidermal growth factor receptor. Journal of Inorganic Biochemistry, 2022, 230, 111764.	1.5	15
16	In vitro photoinactivation of S. aureus and photocatalytic degradation of tetracycline by novel phthalocyanine-graphene quantum dots nano-assemblies. Journal of Luminescence, 2022, 246, 118863.	1.5	4
17	Fabrication of asymmetrical morpholine phthalocyanines conjugated chitosan-polyacrylonitrile nanofibers for improved photodynamic antimicrobial chemotherapy activity. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102760.	1.3	6
18	Photodegradation of tetracycline by asymmetrical zinc(II)phthalocyanines conjugated to cobalt tungstate nanoparticles. Journal of Molecular Structure, 2022, 1261, 132938.	1.8	7

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19	Light-driven antimicrobial therapy of palladium porphyrins and their chitosan immobilization derivatives and their photophysical-chemical properties. Dyes and Pigments, 2022, 203, 110313.	2.0	14
20	Novel cationic-chalcone phthalocyanines for photodynamic therapy eradication of S. aureus and E. coli bacterial biofilms and MCF-7 breast cancer. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102863.	1.3	11
21	Ultrasensitive detection of prostate-specific antigen using glucose-encapsulated nanoliposomes anti-PSA polyclonal antibody as detection nanobioprobes. Talanta, 2022, 245, 123483.	2.9	1
22	Photodynamic Antitumor and Antimicrobial Activities of Freeâ€Base Tetra(4â€methylthiolphenyl)chlorin and Its Tin(IV) Complex. ChemPlusChem, 2022, 87, .	1.3	5
23	The effect of charge on Zn tetra morpholine porphyrin conjugated to folic acid-nitrogen doped graphene quantum dots for photodynamic therapy studies. Photodiagnosis and Photodynamic Therapy, 2022, 39, 102898.	1.3	5
24	Electrochemical detection of human epidermal growth factor receptor 2 using an aptamer on cobalt phthalocyanines â€“ Cerium oxide nanoparticle conjugate. Bioelectrochemistry, 2022, 146, 108146.	2.4	12
25	Enhanced Solar Efficiency via Incorporation of Plasmonic Gold Nanostructures in a Titanium Oxide/Eosin Y Dye-Sensitized Solar Cell. Nanomaterials, 2022, 12, 1715.	1.9	1
26	Design and fabrication of electrochemical sensor based on molecularly imprinted polymer loaded onto silver nanoparticles for the detection of <scp>17â€β€estradiol</scp>. Journal of Molecular Recognition, 2022, 35, .	1.1	10
27	Photodynamic therapy activity of 5,10,15-tris(5-bromo-2-thienyl),20(phenylcarboxy)porphyrin conjugated to graphene quantum dot against MCF-7 breast cancer cells. Journal of Coordination Chemistry, 2022, 75, 1112-1128.	0.8	4
28	The Electrocatalytic Detection of Nitrite Using Manganese Schiff Base Phthalocyanine Complexes. Electrocatalysis, 2022, 13, 663-674.	1.5	4
29	Photodynamic activity of novel cationic porphyrins conjugated to graphene quantum dots against Staphylococcus aureus. Journal of Porphyrins and Phthalocyanines, 2022, 26, 392-402.	0.4	6
30	Integrated photocatalyst adsorbents based on porphyrin anchored to activated carbon granules for water treatment. Carbon Trends, 2022, 8, 100191.	1.4	4
31	Application of gold and palladium nanoparticles supported on polymelamine microspheres in the oxidation of 1-phenylethanol and some other phenyl substituted alcohols. Molecular Catalysis, 2022, 528, 112456.	1.0	2
32	Decoration of glass wool with zinc (II) phthalocyanine for the photocatalytic transformation of methyl orange. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 432, 114127.	2.0	5
33	Phthalocyanine based fabricated exfoliated graphite photoanode for electrodegradation of 4-acetamidophenol under visible light irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 432, 114115.	2.0	1
34	The in vitro photo-sonodynamic combinatorial therapy activity of cationic and zwitterionic phthalocyanines on MCF-7 and HeLa cancer cell lines. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 432, 114116.	2.0	8
35	Photodynamic activity of 2,6-dibrominated dimethylaminophenylbuta-1,3-dienylBODIPY dyes. Journal of Porphyrins and Phthalocyanines, 2021, 25, 47-55.	0.4	2
36	Creating the Ideal Pushâ€Pull System for Electrocatalysis: A Comparative Study on Symmetrical and Asymmetrical Cardanolâ€based Cobalt Phthalocyanines. Electroanalysis, 2021, 33, 11-22.	1.5	5

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37	Photocatalytic desulfurization of dibenzothiophene using asymmetrical zinc(II) phthalocyanines conjugated to silver-magnetic nanoparticles. Inorganica Chimica Acta, 2021, 514, 119970.	1.2	4
38	Modulation of the optical properties of chiral porphyrin dimers by introducing bridged chiral amide-bonds. Journal of Porphyrins and Phthalocyanines, 2021, 25, 37-46.	0.4	1
39	Photocytotoxicity of heavy-atom-free thiobarbituric acid functionalized pyrene derivatives against MCF-7 cancer cells. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102102.	1.3	2
40	The improved antibacterial efficiency of a zinc phthalocyanine when embedded on silver nanoparticle modified silica nanofibers. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102100.	1.3	9
41	The antibody assisted detection of HER2 on a cobalt porphyrin binuclear framework and gold functionalized graphene quantum dots modified electrode. Journal of Electroanalytical Chemistry, 2021, 880, 114908.	1.9	12
42	Impact of axial ligation on photophysical and photodynamic antimicrobial properties of indium (III) methylsulfanylphenyl porphyrin complexes linked to silver-capped copper ferrite magnetic nanoparticles. Polyhedron, 2021, 193, 114882.	1.0	4
43	Thien-2-yl substituted chlorins as photosensitizers for photodynamic therapy and photodynamic antimicrobial chemotherapy. Dyes and Pigments, 2021, 185, 108886.	2.0	18
44	A heavy-atom-free ï€-extended N-confused porphyrin as a photosensitizer for photodynamic therapy. New Journal of Chemistry, 2021, 45, 5654-5658.	1.4	11
45	Disilane-bridged architectures with high optical transparency for optical limiting. Journal of Materials Chemistry C, 2021, 9, 6470-6476.	2.7	9
46	Photodynamic activity of Sn(<scp>iv</scp>) tetrathien-2-ylchlorin against MCF-7 breast cancer cells. Dalton Transactions, 2021, 50, 2177-2182.	1.6	8
47	Synthesis, theoretical calculations and laser flash photolysis studies of selected amphiphilic porphyrin derivatives used as biofilm photodegradative materials. New Journal of Chemistry, 2021, 45, 17320-17331.	1.4	6
48	Photodynamic activity of Sn(IV) meso-tetraacenaphthylporphyrin and its methyl-Î²-cyclodextrin inclusion complexes on MCF-7 breast cancer cells. , 2021, , 376-384.		0
49	An analysis of the photophysical and optical limiting properties of a novel 1,3,5-tristyrylBODIPY dye. , 2021, , 419-431.		0
50	Solventless synthesis of nanospinel Ni_{1âˆ’x}Co_xFe₂O₄ (0 â‰¤ x â‰¤ 1) solid solutions for efficient electrochemical water splitting and supercapacitance. RSC Advances, 2021, 11, 31002-31014.	1.7	17
51	Enhanced electrocatalytic activity of cobalt phthalocyanines when â€œclickedâ€• to graphene oxide nanosheets. , 2021, , 1216-1229.		0
52	Photophysicochemical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates. , 2021, , 207-218.		0
53	Naked Eye and Colorimetric Detection of Cyanide with a 1,3â€Diethylâ€2â€thiobarbituric Acid Substituted Ferrocene Chemosensor. ChemistrySelect, 2021, 6, 1448-1452.	0.7	0
54	Push-pull type Co(III)corroles: Synthesis, electronic structure and electrochemical catalysis. Journal of Porphyrins and Phthalocyanines, 2021, 25, 289-297.	0.4	6

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55	Overcoming hurdles facing researchers in Africa. Nature Materials, 2021, 20, 570-570.	13.3	2
56	Photocatalytic and solar radiation harvesting potential of a free-base porphyrin-zinc (II) phthalocyanine heterodyad functionalized polystyrene polymer membrane for the degradation of 4-chlorophenol. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 409, 113142.	2.0	4
57	Photocatalytic desulfurization of dibenzothiophene using methoxy substituted asymmetrical zinc(II) phthalocyanines conjugated to metal tungstate nanomaterials. Polyhedron, 2021, 197, 115053.	1.0	5
58	Photodynamic Antimicrobial Action of Asymmetrical Porphyrins Functionalized Silver-Detonation Nanodiamonds Nanoplatforms for the Suppression of Staphylococcus aureus Planktonic Cells and Biofilms. Frontiers in Chemistry, 2021, 9, 628316.	1.8	5
59	Effect of ultrasonic frequency and power on the sonodynamic therapy activity of cationic Zn(II) phthalocyanines. Journal of Inorganic Biochemistry, 2021, 217, 111397.	1.5	19
60	Enhanced photo-ablation effect of positively charged phthalocyanines-detonation nanodiamonds nanoplatforms for the suppression of Staphylococcus aureus and Escherichia coli planktonic cells and biofilms. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 411, 113200.	2.0	14
61	Electrocatalytic detection of<scp>l</scp>-cysteine using molybdenum POM doped-HKUST-1 metal organic frameworks. Journal of Coordination Chemistry, 2021, 74, 1730-1748.	0.8	4
62	Electrochemical detection of dopamine using phthalocyanine-nitrogen-doped graphene quantum dot conjugates. Journal of Electroanalytical Chemistry, 2021, 886, 115111.	1.9	17
63	Enhanced Photodynamic inactivation of Staphylococcus Aureus with Schiff base substituted Zinc phthalocyanines through conjugation to silver nanoparticles. Journal of Molecular Structure, 2021, 1232, 130012.	1.8	11
64	Solar Driven Photocatalytic Activity of Porphyrin Sensitized TiO2: Experimental and Computational Studies. Molecules, 2021, 26, 3131.	1.7	8
65	Photodynamic activity and photoantimicrobial chemotherapy studies of ferrocene-substituted 2-thiobarbituric acid. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127922.	1.0	2
66	Electrocatalytic Activity of Cobalt Phthalocyanines Revisited: Effect of the Number of Oxygen Atoms and Conjugation to Carbon Nanomaterials. Electrocatalysis, 2021, 12, 499-515.	1.5	3
67	Photophysicochemical behaviour of phenoxy propanoic acid functionalised zinc phthalocyanines when grafted onto iron oxide and silica nanoparticles: Effects in photodynamic antimicrobial chemotherapy. Journal of Luminescence, 2021, 234, 117939.	1.5	13
68	Symmetrically Substituted Zn and Al Phthalocyanines and Polymers for Photodynamic Therapy Application. Frontiers in Chemistry, 2021, 9, 647331.	1.8	8
69	Visible light responsive TiO2 - graphene oxide nanosheets - Zn phthalocyanine ternary heterojunction assisted photoelectrocatalytic degradation of Orange G. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 414, 113291.	2.0	12
70	Promising photodynamic antimicrobial activity of polyimine substituted zinc phthalocyanine and its polycationic derivative when conjugated to nitrogen, sulfur, co-doped graphene quantum dots against Staphylococcus aureus. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102300.	1.3	16
71	Photodynamic therapy activities of phthalocyanine-based macromolecular photosensitizers on MCF-7 breast cancer cells. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 748-757.	1.2	4
72	Ball-type phthalocyanines and reduced graphene oxide nanoparticles as separate and combined corrosion inhibitors of aluminium in HCl. Journal of Molecular Structure, 2021, 1236, 130279.	1.8	12

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73	Photodynamic antimicrobial activity of benzimidazole substituted phthalocyanine when conjugated to Nitrogen Doped Graphene Quantum Dots against Staphylococcus aureus. Main Group Chemistry, 2021, 20, 175-191.	0.4	9
74	The photophysicochemical properties and photodynamic therapy activity of Schiff base substituted phthalocyanines doped into silica nanoparticles and conjugated to folic acid. Polyhedron, 2021, 203, 115227.	1.0	3
75	The electrochemical detection of prostate specific antigen on glassy carbon electrode modified with combinations of graphene quantum dots, cobalt phthalocyanine and an aptamer. Journal of Inorganic Biochemistry, 2021, 221, 111462.	1.5	21
76	Amphiphilic axially modified cationic indium-porphyrins linked to hydrophilic magnetic nanoparticles for photodynamic antimicrobial chemotherapy against gram-negative strain; Escherichia coli. Dyes and Pigments, 2021, 192, 109262.	2.0	10
77	Synthesis of a near infrared-actuated phthalocyanine-lipid vesicle system for augmented photodynamic therapy. Synthetic Metals, 2021, 278, 116811.	2.1	3
78	The effects of the composition and structure of quantum dots combined with cobalt phthalocyanine and an aptamer on the electrochemical detection of prostate specific antigen. Dyes and Pigments, 2021, 192, 109407.	2.0	15
79	Asymmetrical zinc(II) phthalocyanines cobalt tungstate nanomaterial conjugates for photodegradation of methylene blue. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113421.	2.0	9
80	Turn-on detection of cysteine by a donor-acceptor type quinoline fluorophore: Exploring the sensing strategy and performance in bioimaging. Dyes and Pigments, 2021, 193, 109556.	2.0	14
81	The composites of asymmetric Co phthalocyanines-graphitic carbon nitride quantum dots-aptamer as specific electrochemical sensors for the detection of prostate specific antigen: Effects of ring substituents. Journal of Electroanalytical Chemistry, 2021, 900, 115730.	1.9	5
82	The antibacterial and antifungal properties of neutral, octacationic and hexadecacationic Zn phthalocyanines when conjugated to silver nanoparticles. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102361.	1.3	8
83	Synthesis, photophysical properties and photodynamic antimicrobial activity of meso 5,10,15,20-tetra(pyren-1-yl)porphyrin and its indium(III) complex. Journal of Porphyrins and Phthalocyanines, 2021, 25, 794-799.	0.4	2
84	The photodynamic activities of the gold nanoparticle conjugates of phosphorus(V) and gallium(III) A3 meso-triarylcorroles. Dyes and Pigments, 2021, 194, 109631.	2.0	12
85	Aluminum corrosion retardation properties of acetamidophenoxy phthalocyanines: Effect of central metal. Journal of Molecular Structure, 2021, 1242, 130806.	1.8	11
86	Borneol-triarylcorrole hybrids with chiral-optical response and anticancer behaviours. Dyes and Pigments, 2021, 195, 109699.	2.0	3
87	Enhanced upconversion emission of Er3+-Yb3+ co-doped Ba5(PO4)3OH powder phosphor for application in photodynamic therapy. Sensors and Actuators A: Physical, 2021, 331, 113014.	2.0	6
88	Nanohybrid electrocatalyst based on cobalt phthalocyanine-carbon nanotube-reduced graphene oxide for ultrasensitive detection of glucose in human saliva. Sensors and Actuators B: Chemical, 2021, 348, 130723.	4.0	32
89	Folic acid-modified phthalocyanine-nanozyme loaded liposomes for targeted photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102527.	1.3	14
90	Low temperature scalable synthetic approach enabling high bifunctional electrocatalytic performance of NiCo₂S₄ and CuCo₂S₄ thiospinels. RSC Advances, 2021, 11, 31533-31546.	1.7	6

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91	Optical limiting properties of BODIPY dyes substituted with styryl or vinylene groups on the nanosecond timescale. , 2021, , 402-418.		0
92	Positively charged styryl pyridine substituted Zn(<scp>ii</scp>) phthalocyanines for photodynamic therapy and photoantimicrobial chemotherapy: effect of the number of charges. Dalton Transactions, 2021, 50, 9129-9136.	1.6	17
93	Effective ROS generation and morphological effect of copper oxide nanoparticles as catalysts. Journal of Nanoparticle Research, 2021, 23, 1.	0.8	2
94	Electrocatalytic activity of manganese tetra 4-aminophenyl porphyrin in the presence of graphene quantum dots. Journal of Electroanalytical Chemistry, 2021, 901, 115748.	1.9	7
95	Electrografting of isophthalic acid monolayer and covalent attachment of antibody onto carbon surfaces: Construction of capacitive biosensor for methotrexate detection. Electrochimica Acta, 2021, 398, 139360.	2.6	8
96	Electrocatalytic activity of Schiff base containing copper phthalocyanines towards the detection of catechol: Effect of heteroatoms and asymmetry. Polyhedron, 2021, 210, 115518.	1.0	10
97	Photo-sonodynamic combination activity of cationic morpholino-phthalocyanines conjugated to nitrogen and nitrogen-sulfur doped graphene quantum dots against MCF-7 breast cancer cell line in vitro. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102573.	1.3	11
98	Impedimetric aptasensor for HER2 biomarker using graphene quantum dots, polypyrrole and cobalt phthalocyanine modified electrodes. Sensing and Bio-Sensing Research, 2021, , 100467.	2.2	10
99	Synthesis of Novel Schiff Base Cobalt (II) and Iron (III) Complexes as Cathode Catalysts for Microbial Fuel Cell Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1110-1120.	1.9	12
100	Double- and quintuple-decker phthalocyaninato chelates as optical limiters in solution and thin film. Dyes and Pigments, 2020, 172, 107836.	2.0	7
101	The modulation of the photophysical and photodynamic therapy activities of a phthalocyanine by detonation nanodiamonds: Comparison with graphene quantum dots and carbon nanodots. Diamond and Related Materials, 2020, 101, 107617.	1.8	20
102	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.	0.4	1
103	Decorated titania fibers as photocatalysts for hydrogen generation and organic matter degradation. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 388, 112185.	2.0	7
104	Synthesis and pharmacological evaluation of chlorin derivatives for photodynamic therapy of cholangiocarcinoma. European Journal of Medicinal Chemistry, 2020, 189, 112049.	2.6	11
105	Photodegradation of 4-chlorophenol using Zn and In phthalocyanines substituted with pyrrole without hetero atoms linkers and supported on polyacrylonitrile electrospun fibres. Polyhedron, 2020, 178, 114329.	1.0	4
106	Meso- and axially-modified IrIIItriarylcorroles with tunable electrocatalytic properties. Dyes and Pigments, 2020, 175, 108124.	2.0	6
107	Acetophenone substituted phthalocyanines and their graphene quantum dots conjugates as photosensitizers for photodynamic antimicrobial chemotherapy against Staphylococcus aureus. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101607.	1.3	33
108	Theoretical and photodynamic therapy characteristics of heteroatom doped detonation nanodiamonds linked to asymmetrical phthalocyanine for eradication of breast cancer cells. Journal of Luminescence, 2020, 227, 117465.	1.5	8

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109	Enhanced Lightâ€Driven Antimicrobial Activity of Cationic Poly(oxanorbornene)s by Phthalocyanine Incorporation into Polymer as Pendants. Macromolecular Chemistry and Physics, 2020, 221, 2000386.	1.1	7
110	The Effects of Asymmetry in Combination with Reduced Graphene Oxide Nanosheets on Hydrazine Electrocatalytic Detection on Cobalt Phthalocyanines. Electroanalysis, 2020, 32, 2723-2732.	1.5	3
111	The photodynamic antimicrobial chemotherapy of Stapphylococcus aureus using an asymmetrical zinc phthalocyanine conjugated to silver and iron oxide based nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 402, 112813.	2.0	12
112	Optical limiting properties of indium 5,10,15,20-tetrakis(4-aminophenyl) porphyrin covalently linked to semiconductor quantum dots. Inorganica Chimica Acta, 2020, 511, 119838.	1.2	7
113	NIR Absorbing AzaBODIPY Dyes for pH Sensing. Molecules, 2020, 25, 3689.	1.7	6
114	Sn(<scp>iv</scp>) N-confused porphyrins as photosensitizer dyes for photodynamic therapy in the near IR region. Dalton Transactions, 2020, 49, 15180-15183.	1.6	26
115	Enhanced photodynamic antimicrobial activity of surface modified SiNPs doped with zinc(II) phthalocyanines: The effect of antimicrobial ampicillin and extra charges from a sultone. Photodiagnosis and Photodynamic Therapy, 2020, 32, 101996.	1.3	6
116	A search for enhanced photodynamic activity against Staphylococcus aureus planktonic cells and biofilms: the evaluation of phthalocyanineâ€“detonation nanodiamondâ€“Ag nanoconjugates. Photochemical and Photobiological Sciences, 2020, 19, 1442-1454.	1.6	11
117	Development of phthalocyanine functionalised TiO₂ and ZnO nanofibers for photodegradation of methyl orange. New Journal of Chemistry, 2020, 44, 16340-16350.	1.4	19
118	Analytical Detection and Electrocatalysis of Paracetamol in Aqueous Media Using Rareâ€Earth Doubleâ€Decker Phthalocyaninato Chelates as Electrochemically Active Materials. ChemistrySelect, 2020, 5, 9857-9865.	0.7	3
119	Detonation nanodiamonds-phthalocyanine photosensitizers with enhanced photophysicochemical properties and effective photoantibacterial activity. Photodiagnosis and Photodynamic Therapy, 2020, 32, 102072.	1.3	9
120	A comparative study of the photophysicochemical and photodynamic activity properties of meso-4-methylthiophenyl functionalized Sn(IV) tetraarylporphyrins and triarylcorroles. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1138-1145.	0.4	12
121	Non-aggregated lipophilic water-soluble tin porphyrins as photosensitizers for photodynamic therapy and photodynamic antimicrobial chemotherapy. New Journal of Chemistry, 2020, 44, 11006-11012.	1.4	25
122	An octabrominated Sn(<scp>iv</scp>) tetraisopropylporphyrin as a photosensitizer dye for singlet oxygen biomedical applications. Dalton Transactions, 2020, 49, 9568-9573.	1.6	7
123	Photodynamic antimicrobial chemotherapy of asymmetric porphyrin-silver conjugates towards photoinactivation of Staphylococcus aureus. Journal of Coordination Chemistry, 2020, 73, 593-608.	0.8	7
124	Optical limiting properties, structure and simplified TD-DFT calculations of scandium tetra-15-crown-5 phthalocyaninates. Journal of Porphyrins and Phthalocyanines, 2020, 24, 589-601.	0.4	12
125	Susceptibility of Staphylococcus aureus to porphyrin-silver nanoparticle mediated photodynamic antimicrobial chemotherapy. Journal of Luminescence, 2020, 222, 117158.	1.5	16
126	Direct nonlinear optical absorption measurements of asymmetrical zinc(II) phthalocyanine when covalently linked to semiconductor quantum dots. Journal of Molecular Structure, 2020, 1220, 128729.	1.8	10

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127	Nonlinear optical response and electrocatalytic activity of cobalt phthalocyanine clicked zinc oxide nanoparticles. Inorganica Chimica Acta, 2020, 509, 119661.	1.2	4
128	Growth of centimeter scale carbon wires using in-liquid AC arc discharge. SN Applied Sciences, 2020, 2, 1.	1.5	1
129	Optical limiting properties of D-Ï€-A BODIPY dyes in the presence and absence of methyl groups at the 1,7-positions. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1129-1137.	0.4	6
130	The photophysicochemical properties and photodynamic therapy activity of In and Zn phthalocyanines when incorporated into individual or mixed PluronicÂ® micelles. Polyhedron, 2020, 188, 114683.	1.0	9
131	Photophysico-chemical properties and photoinactivation of Staphylococcus Aureus using zinc phthalocyanines linked silver nanoparticles conjugates. Dyes and Pigments, 2020, 176, 108237.	2.0	9
132	Investigation of electrocatalytic behaviour of low symmetry cobalt phthalocyanines when clicked to azide grafted carbon electrodes. Journal of Electroanalytical Chemistry, 2020, 860, 113896.	1.9	7
133	Substituent effect on the photophysical and nonlinear optical characteristics of Si phthalocyanine â€“ Detonated nanodiamond conjugated systems in solution. Inorganica Chimica Acta, 2020, 504, 119447.	1.2	9
134	Enhancement of photodynamic antimicrobialtherapy through the use of cationic indium porphyrin conjugated to Ag/CuFe2O4 nanoparticles. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101736.	1.3	20
135	Bioelectrocatalysis and surface analysis of gold coated with nickel oxide/hydroxide and glucose oxidase towards detection of glucose. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110981.	2.5	15
136	New difluoroboron complexes based on N,O-chelated Schiff base ligands: Synthesis, characterization, DFT calculations and photophysical and electrochemical properties. Journal of Luminescence, 2020, 224, 117262.	1.5	17
137	Fabrication of electrospun fibers from a porphyrin linked to polyacrylonitrile polymer for photocatalytic transformation of phenols. Journal of Molecular Structure, 2020, 1213, 128191.	1.8	4
138	Development of manganese phthalocyanine decorated with silver nanoparticles nanocomposite for improved electrocatalytic oxidation of hydrazine. Journal of Electroanalytical Chemistry, 2020, 866, 114173.	1.9	7
139	A career in photophysicochemical and electrochemical properties of phthalocyanine â€” a Linstead Career Award paper. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1300-1319.	0.4	1
140	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.	2.0	13
141	Photophysical and nonlinear optical properties of the positional isomers of 4-(4-tertbutylphenoxy) substituted cobalt, nickel and copper phthalocyanines. Optical Materials, 2020, 109, 110195.	1.7	4
142	Photodynamic antimicrobial chemotherapy of a dimethylamino-functionalized asymmetric zinc(II) phthalocyanine and its quaternized derivative against Staphylococcus aureus when supported on asymmetric polystyrene polymer membranes. Reactive and Functional Polymers, 2020, 154, 104634.	2.0	8
143	Electrodeposited Benzothiazole Phthalocyanines for Corrosion Inhibition of Aluminium in Acidic Medium. International Journal of Electrochemistry, 2020, 2020, 1-11.	2.4	2
144	Photodynamic Therapy Activity of Phthalocyanine-Silver Nanoparticles on Melanoma Cancer Cells. Journal of Nanoscience and Nanotechnology, 2020, 20, 3097-3104.	0.9	13

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