John Mack

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3039731/publications.pdf

Version: 2024-02-01

200 papers	7,791 citations	81743 39 h-index	60497 81 g-index
206 all docs	206 docs citations	206 times ranked	7067 citing authors

#	Article	IF	Citations
1	Structural modification strategies for the rational design of red/NIR region BODIPYs. Chemical Society Reviews, 2014, 43, 4778-4823.	18.7	1,076
2	Photochemistry of nitrite and nitrate in aqueous solution: a review. Journal of Photochemistry and Photobiology A: Chemistry, 1999, 128, 1-13.	2.0	872
3	Low Symmetry Phthalocyanines and Their Analogues. Chemical Reviews, 2011, 111, 281-321.	23.0	404
4	Application of MCD spectroscopy to porphyrinoids. Coordination Chemistry Reviews, 2007, 251, 429-453.	9.5	292
5	Application of MCD Spectroscopy and TDâˆ'DFT to a Highly Non-Planar Porphyrinoid Ring System. New Insights on Redâˆ'Shifted Porphyrinoid Spectral Bands. Journal of the American Chemical Society, 2005, 127, 17697-17711.	6.6	174
6	Degradation Pathways during the Treatment of Methyl tert-Butyl Ether by the UV/H2O2 Process. Environmental Science & Technology, 2000, 34, 650-658.	4.6	168
7	Photochemical Formation of the Anion Radical of Zinc Phthalocyanine and Analysis of the Absorption and Magnetic Circular Dichroism Spectral Data. Assignment of the Optical Spectrum of [ZnPc(-3)]-. Journal of the American Chemical Society, 1994, 116, 1292-1304.	6.6	166
8	Expanded, Contracted, and Isomeric Porphyrins: Theoretical Aspects. Chemical Reviews, 2017, 117, 3444-3478.	23.0	122
9	A red fluorescent turn-on probe for hydrogen sulfide and its application in living cells. Chemical Communications, 2013, 49, 7510.	2.2	121
10	Synthesis and Spectroscopic Properties of Fusedâ€Ringâ€Expanded Azaâ€Boradiazaindacenes. Chemistry - an Asian Journal, 2011, 6, 1026-1037.	1.7	116
11	A Facile One-Pot Synthesis of meso-Aryl-Substituted [14]Triphyrin(2.1.1). Journal of the American Chemical Society, 2008, 130, 16478-16479.	6.6	115
12	Optically active BODIPYs. Coordination Chemistry Reviews, 2016, 318, 1-15.	9.5	102
13	Assignment of the Optical Spectra of Metal Phthalocyanine Anions. Inorganic Chemistry, 1997, 36, 413-425.	1.9	100
14	Organosilicon compounds as fluorescent chemosensors for fluoride anion recognition. Coordination Chemistry Reviews, 2015, 285, 24-51.	9.5	97
15	Specific Cu2+-induced J-aggregation and Hg2+-induced fluorescence enhancement based on BODIPY. Chemical Communications, 2010, 46, 3565.	2.2	89
16	A BODIPY-based â€˜turn-onâ€™ fluorescent probe for hypoxic cell imaging. Chemical Communications, 2015, 51, 13389-13392.	2.2	87
17	Methodological Survey of Simplified TD-DFT Methods for Fast and Accurate Interpretation of UVâ€“Visâ€“NIR Spectra of Phthalocyanines. ACS Omega, 2019, 4, 7265-7284.	1.6	86
18	Band Deconvolution Analysis of the Absorption and Magnetic Circular Dichroism Spectral Data of ZnPc(-2) Recorded at Cryogenic Temperatures. The Journal of Physical Chemistry, 1995, 99, 7935-7945.	2.9	84

#	Article	IF	Citations
19	Electronic Structure of Reduced Symmetry Peripheral Fused-Ring-Substituted Phthalocyanines. Inorganic Chemistry, 2002, 41, 5350-5363.	1.9	84
20	Phosphorus(V)-Corrole: Synthesis, Spectroscopic Properties, Theoretical Calculations, and Potential Utility for in Vivo Applications in Living Cells. Inorganic Chemistry, 2014, 53, 2797-2802.	1.9	79
21	Spectroscopy and Electronic Structure of Electron Deficient Zinc Phthalocyanines. Journal of the American Chemical Society, 2003, 125, 7067-7085.	6.6	77
22	A selective colorimetric and fluorometric ammonium ion sensor based on the H-aggregation of an aza-BODIPY with fused pyrazine rings. Chemical Communications, 2011, 47, 12092.	2.2	74
23	Porphodilactones as Synthetic Chlorophylls: Relative Orientation of Î²-Substituents on a Pyrrolic Ring Tunes NIR Absorption. Journal of the American Chemical Society, 2014, 136, 9598-9607.	6.6	73
24	Boron-pyridyl-imino-isoindoline dyes: facile synthesis and photophysical properties. Chemical Communications, 2014, 50, 1074-1076.	2.2	72
25	Assignment of the optical spectrum of metal porphyrin and phthalocyanine radical anions. Journal of Porphyrins and Phthalocyanines, 2001, 05, 67-76.	0.4	71
26	Electronic Structures of Metal Phthalocyanine and Porphyrin Complexes from Analysis of the UVâ€“Visible Absorption and Magnetic Circular Dichroism Spectra and Molecular Orbital Calculations. , 2003, , 43-116.		66
27	The Synthesis and Properties of Freeâ€Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes. Chemistry - A European Journal, 2011, 17, 4396-4407.	1.7	65
28	New 2,6â€Distyrylâ€Substituted BODIPY Isomers: Synthesis, Photophysical Properties, and Theoretical Calculations. Chemistry - A European Journal, 2014, 20, 1091-1102.	1.7	64
29	Synthesis, Structures, and Optical and Electrochemical Properties of Benzoporphycenes. Chemistry - A European Journal, 2009, 15, 10060-10069.	1.7	63
30	Characterization of the Heme Binding Properties ofStaphylococcus aureusIsdAâ€. Biochemistry, 2006, 45, 12867-12875.	1.2	61
31	Application of MCD Spectroscopy and TDâ€DFT to Nonplanar Coreâ€Modified Tetrabenzoporphyrins: Effect of Reduced Symmetry on Nonplanar Porphyrinoids. Chemistry - A European Journal, 2008, 14, 5001-5020.	1.7	59
32	Transition Assignments in the Ultravioletâ^'Visible Absorption and Magnetic Circular Dichroism Spectra of Phthalocyanines. Inorganic Chemistry, 2001, 40, 812-814.	1.9	57
33	Self-Assembly and Gelation Behavior of Tris(phenylisoxazolyl)benzenes. Journal of Organic Chemistry, 2011, 76, 5082-5091.	1.7	57
34	Optical Limiting Properties of 3,5â€Dithienylenevinylene BODIPY Dyes at 532â€...nm. Chemistry - A European Journal, 2017, 23, 14507-14514.	1.7	51
35	A BODIPY fluorescent probe with selective response for hypochlorous acid and its application in cell imaging. Sensors and Actuators B: Chemical, 2013, 182, 1-6.	4.0	50
36	In vivo heme scavenging by Staphylococcus aureus IsdC and IsdE proteins. Biochemical and Biophysical Research Communications, 2004, 320, 781-788.	1.0	46

#	Article	IF	Citations
37	Ground-state and optical spectrum of metallophthalocyanine radical anions from low-temperature magnetic circular dichroism spectroscopy. Inorganic Chemistry, 1992, 31, 1717-1719.	1.9	45
38	A new aza-BODIPY based NIR region colorimetric and fluorescent chemodosimeter for fluoride. RSC Advances, 2014, 4, 53864-53869.	1.7	44
39	Synthesis, Optical Properties, and Electronic Structures of Fully Coreâ€Modified Porphyrin Dications and Isophlorins. Chemistry - A European Journal, 2012, 18, 13361-13371.	1.7	41
40	IMPROVEMENT OF THE PHOTOPHYSICAL PARAMETERS OF ZINC OCTACARBOXY PHTHALOCYANINE UPON CONJUGATION TO MAGNETIC NANOPARTICLES. International Journal of Nanoscience, 2013, 12, 1350010.	0.4	41
41	Modulation of the molecular spintronic properties of adsorbed copper corroles. Nature Communications, 2015, 6, 7547.	5.8	40
42	Improved nonlinear optical behaviour of ball type indium(III) phthalocyanine linked to glutathione capped nanoparticles. Dyes and Pigments, 2017, 140, 417-430.	2.0	40
43	Facile Hg2+ detection in water using fluorescent self-assembled monolayers of a rhodamine-based turn-on chemodosimeter formed via a â€œclickâ€•reaction. Journal of Materials Chemistry, 2011, 21, 10878.	6.7	39
44	mesoâ€Aryl Phenanthroporphyrins: Synthesis and Spectroscopic Properties. Chemistry - A European Journal, 2011, 17, 8965-8983.	1.7	37
45	Investigation of photophysicochemical properties of zinc phthalocyanines conjugated to metallic nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 349, 148-161.	2.0	37
46	Heme Binding Properties of Staphylococcus aureus IsdE. Biochemistry, 2007, 46, 12777-12787.	1.2	35
47	Synthesis and Properties of Fusedâ€Ringâ€Expanded Porphyrins that were Coreâ€Modified with Groupâ€...16 Heteroatoms. Chemistry - A European Journal, 2012, 18, 16844-16867.	1.7	35
48	Synthesis, Characterization, MCD Spectroscopy, and TD-DFT Calculations of Copper-Metalated Nonperipherally Substituted Octaoctyl Derivatives of Tetrabenzotriazaporphyrin, cis- and trans-Tetrabenzodiazaporphyrin, Tetrabenzomonoazaporphyrin, and Tetrabenzoporphyrin. Inorganic Chemistry, 2012, 51, 12820-12833.	1.9	33
49	Photophysical properties of a novel styryl-BODIPY with a fused crown ether moiety. Journal of Porphyrins and Phthalocyanines, 2018, 22, 1-9.	0.4	33
50	Singly and Doubly N-Confused Calix[4]phyrin Organoplatinum(II) Complexes as Near-IR Triplet Sensitizers. Inorganic Chemistry, 2017, 56, 12572-12580.	1.9	32
51	Cyclo[8]isoindoles: Ringâ€Expanded and Annelated Porphyrinoids. Angewandte Chemie - International Edition, 2011, 50, 5699-5703.	7.2	31
52	Trends in the TD-DFT calculations of porphyrin and phthalocyanine analogs. Journal of Porphyrins and Phthalocyanines, 2014, 18, 630-641.	0.4	31
53	Synthesis and photophysical properties of BODIPY-decorated graphene quantum dotâ€“phthalocyanine conjugates. New Journal of Chemistry, 2018, 42, 6051-6061.	1.4	30
54	Absorption, Fluorescence, and Magnetic Circular Dichroism Spectra of and Molecular Orbital Calculations on Tetrabenzotriazaporphyrins and Tetranaphthotriazaporphyrins. Inorganic Chemistry, 1997, 36, 5624-5634.	1.9	29

#	Article	IF	Citations
55	Optical limiting properties of 3,5-diphenyldibenzo-azaBODIPY at 532 nm. New Journal of Chemistry, 2017, 41, 12319-12325.	1.4	29
56	Photophysical properties and photodynamic therapy activities of detonated nanodiamonds-BODIPY-phthalocyanines nanoassemblies. Photodiagnosis and Photodynamic Therapy, 2019, 26, 101-110.	1.3	28
57	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
58	Theoretical aspects of the spectroscopy of porphyrins and phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2002, 06, 296-300.	0.4	27
59	Synthesis, Characterization, and Spectroscopic Analysis of Antiaromatic Benzofused Metalloporphyrins. Chemistry - A European Journal, 2012, 18, 3566-3581.	1.7	27
60	Coreâ€Modified Rubyrins Containing Dithienylethene Moieties. Angewandte Chemie - International Edition, 2014, 53, 6563-6567.	7.2	27
61	Corrosion Resistance of Aluminum against Acid Activation: Impact of Benzothiazole-Substituted Gallium Phthalocyanine. Molecules, 2019, 24, 207.	1.7	27
62	Halogen substituted A2B type Co(III)triarylcorroles: Synthesis, electronic structure and two step modulation of electrocatalyzed hydrogen evolution reactions. Dyes and Pigments, 2017, 142, 416-428.	2.0	26
63	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
64	The MCD Spectroscopy of Corrolazines and Triazatetrabenzocorroles. Heterocycles, 2008, 76, 1369.	0.4	25
65	Acenaphthyleneâ€Fused Cyclo[8]pyrroles with Intense Nearâ€IRâ€Region Absorption Bands. Chemistry - A European Journal, 2013, 19, 13970-13978.	1.7	25
66	Synthesis, characterization and photophysical properties of an acenaphthalene fused-ring-expanded NIR absorbing aza-BODIPY dye. RSC Advances, 2015, 5, 78253-78258.	1.7	25
67	Synthesis, photophysical and nonlinear optical properties of a series of ball-type phthalocyanines in solution and thin films. New Journal of Chemistry, 2017, 41, 2020-2028.	1.4	25
68	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
69	Optical nonlinearities and photophysicochemical behaviour of green and blue forms of lutetium bisphthalocyanines. Journal of Materials Chemistry C, 2014, 2, 5431.	2.7	24
70	A2B type copper(III)corroles containing zero-to-five fluorine atoms: Synthesis, electronic structure and facile modulation of electrocatalyzed hydrogen evolution. Dyes and Pigments, 2017, 137, 523-531.	2.0	24
71	Photophysicochemical behaviour and antimicrobial properties of monocarboxy Mg (II) and Al (III) phthalocyanine-magnetite conjugates. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 407-414.	2.0	23
72	Magnetic circular dichroism spectroscopy and TD-DFT calculations of metal phthalocyanine anion and cation radical species. Journal of Porphyrins and Phthalocyanines, 2006, 10, 1219-1237.	0.4	22

#	Article	IF	Citations
73	Aggregation Control of Robust Water-Soluble Zinc(II) Phthalocyanine-Based Photosensitizers. Langmuir, 2016, 32, 11980-11985.	1.6	22
74	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.	2.0	22
75	Optical limiting properties of 3,5-dipyrenylvinyleneBODIPY dyes at 532 nm. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 357-364.	2.0	22
76	Photophysicochemical properties and photodynamic therapy activity of chloroindium(III) tetraarylporphyrins and their gold nanoparticle conjugates. Journal of Porphyrins and Phthalocyanines, 2019, 23, 34-45.	0.4	22
77	Re-examination of the emission properties of alkoxy- and thioalkyl-substituted phthalocyanines. Journal of Inorganic Biochemistry, 2010, 104, 310-317.	1.5	21
78	Spectroscopic and nonlinear optical properties of the four positional isomers of 4Ĩ±-(4-tert-butylphenoxy)phthalocyanine. Journal of Materials Chemistry C, 2015, 3, 10705-10714.	2.7	21
79	Tuning the synthetic cobalt(III)corroles electroreductive catalyzed lindane dehalogenation reactivity through meso-substituents. Journal of Electroanalytical Chemistry, 2016, 774, 58-65.	1.9	21
80	Optical limiting properties of 2,6-dibromo-3,5- distyrylBODIPY dyes at 532 nm. Journal of Porphyrins and Phthalocyanines, 2017, 21, 523-531.	0.4	21
81	Enhanced nonlinear optical response of benzothiazole substituted ball-type phthalocyanines in the presence of metallic nanoparticles. Optical Materials, 2018, 82, 93-103.	1.7	20
82	Nonlinear optical responses of carbazole-substituted phthalocyanines conjugated to graphene quantum dots and in thin films. Journal of Luminescence, 2019, 213, 88-97.	1.5	20
83	Synthesis, characterization and photodynamic activity of Sn(<scp>iv</scp>) triarylcorroles with red-shifted Q bands. New Journal of Chemistry, 2019, 43, 18805-18812.	1.4	20
84	Preparation of NIR absorbing axial substituted tin(<scp>iv</scp>) porphyrins and their photocytotoxic properties. MedChemComm, 2019, 10, 41-48.	3.5	19
85	Synthesis and Characterization of Palladium(II) Complexes of meso-Substituted [14]Tribenzotriphyrin(2.1.1). Inorganic Chemistry, 2015, 54, 11852-11858.	1.9	18
86	Synthesis, Characterization, and Electrochemistry of the Manganese(I) Complexes of mesoâ€Substituted [14]Tribenzotriphyrins(2.1.1). Chemistry - A European Journal, 2015, 21, 2045-2051.	1.7	18
87	Synthesis and properties of azulene-functionalized BODIPYs. RSC Advances, 2016, 6, 32124-32129.	1.7	18
88	Cu(<scp>iii</scp>)triarylcorroles with asymmetric pushâ€“pull meso-substitutions: tunable molecular electrochemically catalyzed hydrogen evolution. Dalton Transactions, 2017, 46, 6912-6920.	1.6	18
89	Thien-2-yl substituted chlorins as photosensitizers for photodynamic therapy and photodynamic antimicrobial chemotherapy. Dyes and Pigments, 2021, 185, 108886.	2.0	18
90	Magnetic circular dichroism spectroscopy of cobalt tetraphenyltetraacenaphthoporphyrin. Journal of Inorganic Biochemistry, 2008, 102, 472-479.	1.5	17

#	Article	IF	Citations
91	TD-DFT calculations and MCD spectroscopy of porphyrin and phthalocyanine analogues: rational design of photosensitizers for PDT and NIR region sensor applications. Turkish Journal of Chemistry, 2014, 38, 1013-1026.	0.5	17
92	Synthesis and photophysicochemical properties of BODIPY dye functionalized gold nanorods for use in antimicrobial photodynamic therapy. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1016-1024.	0.4	17
93	Rational Design of Emissive NIRâ€Absorbing Chromophores: Rh^{III} Porphyrinâ€Azaâ€BODIPY Conjugates with Orthogonal Metalâ€“Carbon Bonds. Chemistry - A European Journal, 2016, 22, 13201-13209.	1.7	17
94	Photophysical and strong optical limiting properties of ball-type phthalocyanines dimers and their monomeric analogues. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 352, 73-85.	2.0	17
95	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
96	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
97	Synthesis, characterization and solid-state emission properties of arylsilyl-substituted pyrene derivatives. Dyes and Pigments, 2013, 99, 771-778.	2.0	16
98	Inhibition of Aluminium Corrosion Using Benzothiazole and Its Phthalocyanine Derivative. Electrocatalysis, 2019, 10, 445-458.	1.5	16
99	Photophysical and photochemical properties and TD-DFT calculations of novel zinc and platinum phthalocyanines. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 277, 102-110.	2.0	15
100	Asymmetrical aza-boron-dipyridomethene derivatives with large Stokes shifts: synthesis and spectroscopic properties. Tetrahedron Letters, 2014, 55, 3792-3796.	0.7	14
101	Synthesis, Characterization, and Electronic Structures of Porphyrins Fused with Polycyclic Aromatic Ring Systems. Chemistry - A European Journal, 2016, 22, 14730-14738.	1.7	14
102	Photophysical and optical limiting properties at 532 nm of BODIPY dyes with p-benzyloxystyryl groups at the 3,5-positions. Journal of Porphyrins and Phthalocyanines, 2018, 22, 413-422.	0.4	14
103	Effect of bromination on the optical limiting properties at 532â€¯nm of BODIPY dyes with p-benzyloxystyryl groups at the 3,5-positions. Journal of Molecular Structure, 2019, 1175, 745-753.	1.8	14
104	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
105	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
106	MCD spectroscopy and TD-DFT calculations of low symmetry subnaphthalocyanine analogs. Journal of Inorganic Biochemistry, 2014, 136, 122-129.	1.5	13
107	Corroleâ€“BODIPY conjugates: enhancing the fluorescence and phosphorescence of the corrole complex via efficient through bond energy transfer. RSC Advances, 2015, 5, 50962-50967.	1.7	13
108	Synthesis and photophysical properties of orthogonal rhodium(<scp>iii</scp>)â€“carbon bonded porphyrinâ€“aza-BODIPY conjugates. Journal of Materials Chemistry C, 2016, 4, 8422-8428.	2.7	13

#	Article	IF	Citations
109	Highly efficient near IR photosensitizers based-on Irâ€“C bonded porphyrin-aza-BODIPY conjugates. RSC Advances, 2016, 6, 72115-72120.	1.7	13
110	Efficient energy transfer in ethynyl bridged corroleâ€“BODIPY dyads. RSC Advances, 2016, 6, 72852-72858.	1.7	13
111	Porphyrin dimers with a bridging chiral amide-bonded benzo-moiety: Influence of positional isomerism on the molecular chirality. Dyes and Pigments, 2018, 154, 229-233.	2.0	13
112	Synthesis, structure and spectroscopic properties of a porphycene-Re^I complex. Journal of Porphyrins and Phthalocyanines, 2011, 15, 622-631.	0.4	12
113	Highly efficient C Cl bond cleavage and unprecedented C C bond cleavage of environmentally toxic DDT through molecular electrochemical catalysis. Applied Catalysis A: General, 2017, 545, 44-53.	2.2	12
114	Photophysical studies of 2,6-dibrominated BODIPY dyes substituted with 4-benzyloxystyryl substituents. Journal of Porphyrins and Phthalocyanines, 2017, 21, 431-438.	0.4	12
115	Nâ€Bridged Annulated BODIPYs: Synthesis of Highly Fluorescent Blueshifted Dyes. Chemistry - an Asian Journal, 2017, 12, 2216-2220.	1.7	12
116	Photophysical and enhanced nonlinear optical response in asymmetric benzothiazole substituted phthalocyanine covalently linked to semiconductor quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 629-639.	2.0	12
117	An optical limiting study in aminophenoxy substituted phthalocyanine in the presence of semiconductor quantum dots. Journal of Luminescence, 2018, 203, 247-256.	1.5	12
118	A 3,5â€DistyrylBODIPY Dye Functionalized with Boronic Acid Groups for Direct Electrochemical Glucose Sensing. Electroanalysis, 2019, 31, 137-145.	1.5	12
119	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
120	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
121	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
122	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
123	MCD spectroscopy and TD-DFT calculations of a naphthalene-ring-bridged coplanar binuclear phthalocyanine dimer. Journal of Porphyrins and Phthalocyanines, 2013, 17, 489-500.	0.4	11
124	4-Bis(4-aminophenoxy)phenoxy derivitized phthalocyanine conjugated to metallic nanoparticles: searching for enhanced optical limiting materials. New Journal of Chemistry, 2017, 41, 14351-14363.	1.4	11
125	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
126	Fourteen-Electron Ring Model and the Anomalous Magnetic Circular Dichroism of meso-Triarylsubporphyrins. Journal of Physical Chemistry A, 2012, 116, 3960-3967.	1.1	10

#	Article	IF	Citations
127	Facile synthesis, spectroscopic and electrochemical properties, and theoretical calculations of porphyrin dimers with a bridging amide-bonded xanthene moiety. Journal of Porphyrins and Phthalocyanines, 2015, 19, 819-829.	0.4	10
128	Optical properties and electronic structures of axially-ligated group 9 porphyrins. Journal of Porphyrins and Phthalocyanines, 2015, 19, 973-982.	0.4	10
129	Photophysical and optical limiting properties of a novel distyryl-BODIPY with fused crown ether moieties. Journal of Porphyrins and Phthalocyanines, 2017, 21, 832-843.	0.4	10
130	Optical limiting properties of BODIPY dyes substituted with styryl or vinylene groups on the nanosecond timescale. Journal of Porphyrins and Phthalocyanines, 2019, 23, 701-717.	0.4	10
131	Optical Limiting and Femtosecond Pump-Probe Transient Absorbance Properties of a 3,5-distyrylBODIPY Dye. Frontiers in Chemistry, 2019, 7, 740.	1.8	10
132	Quantitative Hg2+ detection via forming three coordination complexes using a lysosome targeting quinoline - Fisher aldehyde fluorophore. Talanta, 2022, 236, 122884.	2.9	10
133	Chiral Phthalocyanine with Unambiguous Absolute Molecular Structures for Both Enantiomers. Acta Chimica Sinica, 2012, 70, 1791.	0.5	10
134	Synthesis, characterization and photodynamic therapy properties of an octa-4-tert-butylphenoxy-substituted phosphorus(V) triazatetrabenzcorrole. Journal of Porphyrins and Phthalocyanines, 2014, 18, 698-707.	0.4	9
135	Optical limiting and singlet oxygen generation properties of phosphorus triazatetrabenzcorroles. Journal of Porphyrins and Phthalocyanines, 2015, 19, 192-204.	0.4	9
136	Lipophilic M(Î±,Î±â€²-OC₅H₁₁)₈phthalocyanines (M = H₂and) Tj ETQq0 0 0 rgBT /O reductions. Dalton Transactions, 2015, 44, 18237-18246.	1.6	9
137	Photoisomerization and optical behavior study of a subphthalocyanineâ€“bisazobenzeneâ€“subphthalocyanine triad with visible-light response. Journal of Materials Chemistry C, 2016, 4, 7783-7789.	2.7	9
138	Photoisomerization and optical properties of a subphthalocyanineâ€“azobenzeneâ€“subphthalocyanine triad. RSC Advances, 2016, 6, 71199-71205.	1.7	9
139	Electronic structure and NH-tautomerism of a novel metal-free phenanthroline-annelated phthalocyanine. Dyes and Pigments, 2017, 140, 469-479.	2.0	9
140	Core-modified rubyrins with phenanthrene-fused pyrrole rings: Highly selective and tunable response to Hg2+ ions. Dyes and Pigments, 2018, 158, 188-194.	2.0	9
141	Disilane-bridged architectures with high optical transparency for optical limiting. Journal of Materials Chemistry C, 2021, 9, 6470-6476.	2.7	9
142	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
143	Protoporphyrin IX and heme binding properties of Staphylococcus aureus IsdC. Journal of Porphyrins and Phthalocyanines, 2007, 11, 165-171.	0.4	8
144	Photophysical properties of tetraphenylporphyrinsubphthalocyanine conjugates. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1-20.	0.4	8

#	Article	IF	Citations
145	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
146	Solar Driven Photocatalytic Activity of Porphyrin Sensitized TiO2: Experimental and Computational Studies. Molecules, 2021, 26, 3131.	1.7	8
147	Synthesis and photophysical properties of covalent conjugates of aqua platinum(II) and octacarboxy-substituted zinc phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2012, 16, 1217-1224.	0.4	7
148	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.	0.8	7
149	The photophysicochemical behavior of symmetric and asymmetric zinc phthalocyanines, surface assembled onto gold nanotriangles. New Journal of Chemistry, 2018, 42, 14290-14299.	1.4	7
150	Synthesis and properties of chiral amide-bonded porphyrin dimers with various functional bridging blocks. Dyes and Pigments, 2019, 171, 107740.	2.0	7
151	An analysis of the photophysical and optical limiting properties of a novel 1,3,5-tristyrylBODIPY dye. Journal of Porphyrins and Phthalocyanines, 2019, 23, 63-75.	0.4	7
152	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
153	Magnetic circular dichroism spectroscopy and electronic structures of C3 symmetry buckybowls. Chemical Physics Letters, 2013, 556, 188-194.	1.2	6
154	Chiral Modulation from Molecular to Macroscopic levels by synthetic chiral-amide-bonded porphyrin dimers. Dyes and Pigments, 2019, 171, 107637.	2.0	6
155	Meso- and axially-modified IrIIItriarylcorroles with tunable electrocatalytic properties. Dyes and Pigments, 2020, 175, 108124.	2.0	6
156	NIR Absorbing AzaBODIPY Dyes for pH Sensing. Molecules, 2020, 25, 3689.	1.7	6
157	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
158	Push-pull type Co(III)corroles: Synthesis, electronic structure and electrochemical catalysis. Journal of Porphyrins and Phthalocyanines, 2021, 25, 289-297.	0.4	6
159	Effect of peripheral fused ring substitution on the optical spectroscopy and electronic structure of metal phthalocyanine complexes. Journal of Porphyrins and Phthalocyanines, 2009, 13, 1053-1062.	0.4	5
160	Synthesis and Photophysical Investigation of Tetraazaporphyrin Substituted with Aggregationâ€Induced Emission (AIE) Active Moieties. European Journal of Inorganic Chemistry, 2015, 2015, 5516-5522.	1.0	5
161	MCD spectroscopy and TD-DFT calculations of magnesium tetra-(15-crown-5-oxanthreno)-phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2016, 20, 505-513.	0.4	5
162	Synthesis, characterization and electrochemistry of rhodium(iii) complexes of meso-substituted [14]tribenzotriphyrin(2.1.1). RSC Advances, 2016, 6, 41919-41926.	1.7	5

#	Article	IF	Citations
163	Pushâ€“pull type manganese(III)corroles: Synthesis, electronic structures and tunable interactions with ctDNA. Journal of Porphyrins and Phthalocyanines, 2017, 21, 751-758.	0.4	5
164	Synthesis and Aromaticity of Benzeneâ€Fused Doubly Nâ€Confused Porphyrins. Chemistry - A European Journal, 2020, 26, 5701-5708.	1.7	5
165	Photodynamic Antitumor and Antimicrobial Activities of Freeâ€Base Tetra(4â€methylthiolphenyl)chlorin and Its Tin(IV) Complex. ChemPlusChem, 2022, 87, .	1.3	5
166	Aza boron-pyridyl-isoindoline analogues: synthesis and photophysical properties. New Journal of Chemistry, 2017, 41, 5802-5807.	1.4	4
167	Photodynamic activity of Sn(IV) meso-tetraacenaphthylporphyrin and its methyl-Î²-cyclodextrin inclusion complexes on MCF-7 breast cancer cells. Journal of Porphyrins and Phthalocyanines, 2019, 23, 1486-1494.	0.4	4
168	BODIPY Dye Embedded Electrospun Polystyrene Nanofibers for the Photocatalytic Degradation of Orange G in Industrial Wastewaters. Macroheterocycles, 2017, 10, 460-466.	0.9	4
169	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
170	Integrated photocatalyst adsorbents based on porphyrin anchored to activated carbon granules for water treatment. Carbon Trends, 2022, 8, 100191.	1.4	4
171	Trends in the optical and redox properties of tetraphenyltetraphenanthroporphyrins. Journal of Porphyrins and Phthalocyanines, 2012, 16, 833-844.	0.4	3
172	MCD spectroscopy and TD-DFT calculations of low-symmetry acenaphthoporphyrins with dual fluorescence. Journal of Porphyrins and Phthalocyanines, 2013, 17, 996-1007.	0.4	3
173	Enantioselective electrochemical carbon-chloride bond cleavage of hexachlorocyclohexanes (HCHs) catalyzed by Mn(III)Cl-phthalocyanine. Journal of Electroanalytical Chemistry, 2017, 803, 111-116.	1.9	3
174	Flexible Metalâ€“Porphyrin Dimers (M=Mn^{III}Cl, Co^{II}, Ni^{II},) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Theoretical Calculations. ChemPlusChem, 2017, 82, 598-606.	1.3	3
175	Pyridone substituted phthalocyanines: Photophysico-chemical properties and TD-DFT calculations. Journal of Porphyrins and Phthalocyanines, 2018, 22, 25-31.	0.4	3
176	Borneol-triarylcorrole hybrids with chiral-optical response and anticancer behaviours. Dyes and Pigments, 2021, 195, 109699.	2.0	3
177	2,6-Dibrominated 3,5-DistyrylBODIPYs as Photosensitizer Dyes for Photodynamic Antimicrobial Chemotherapy. Macroheterocycles, 2019, 12, 292-299.	0.9	3
178	Structural modification of RhIIItriarylcorroles for enhanced electrocatalyzed hydrogen evolution reactions. Dyes and Pigments, 2022, 199, 110046.	2.0	3
179	The Effect of Structural Modifications on the Properties of Porphyrinoids. Handbook of Porphyrin Science, 2012, , 281-371.	0.3	2
180	Synthesis, photophysicochemical properties and TD-DFT calculations of tetrakis(2-benzoyl-4-chlorophenoxy) phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2014, 18, 326-335.	0.4	2

#	Article	IF	Citations
181	A Chiral Hemiporphyrazine Derivative: Synthesis and Chiroptical Properties. Chemistry - an Asian Journal, 2016, 11, 2113-2116.	1.7	2
182	Spectroscopic investigations and theoretical calculations of DABCO induced xanthene bridged self-assembled zinc(II) porphyrin dimer. Journal of Porphyrins and Phthalocyanines, 2016, 20, 647-655.	0.4	2
183	Photodynamic activity of 2,6-dibrominated dimethylaminophenylbuta-1,3-dienylBODIPY dyes. Journal of Porphyrins and Phthalocyanines, 2021, 25, 47-55.	0.4	2
184	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
185	Photodynamic activity and photoantimicrobial chemotherapy studies of ferrocene-substituted 2-thiobarbituric acid. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127922.	1.0	2
186	Low-symmetry porphyrin analogues with flexible open-form dithienylethene moieties: Intense near IR Q bands. Dyes and Pigments, 2021, 192, 109440.	2.0	2
187	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
188	Ï€-Extended BODIPY Analogues: Synthesis, Electronic Structure, Potential Utility for in vivo Imaging Applications and Cytotoxicity. Macroheterocycles, 2018, 11, 421-428.	0.9	2
189	Photophysicochemical properties and TD-DFT calculations of a novel terminal alkyne substituted metal free phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2014, 18, 251-258.	0.4	1
190	Electrospun 3,5-dithienylvinyleneBODIPY embedded polystyrene nanofibers for the photocatalytic degradation of azo dyes in industrial wastewaters. Journal of Porphyrins and Phthalocyanines, 2018, 22, 501-508.	0.4	1
191	Co(ii)Tetraphenyltetraphenanthroporphyrin@MWCNTs: enhanced Ï€â€“Ï€ interaction for robust electrochemical catalysis. New Journal of Chemistry, 2019, 43, 10631-10636.	1.4	1
192	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
193	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
194	Recent Applications of MCD Spectroscopy to Porphyrinoids. , 2012, , 91-147.		1
195	Low-Symmetry Phthalocyanines Bearing Carboxy-Groups: Synthesis, Spectroscopic and Quantum-Chemical Characterization. Molecules, 2022, 27, 524.	1.7	1
196	Iron(<scp>iii</scp>)porphyrin electrocatalyzed enantioselective carbon-chloride bond cleavage of hexachlorocyclohexanes (HCHs): combined experimental investigation and theoretical calculations. Dalton Transactions, 2018, 47, 11470-11476.	1.6	0
197	Photodynamic activity of Sn(IV) meso-tetraacenaphthylporphyrin and its methyl-Î²-cyclodextrin inclusion complexes on MCF-7 breast cancer cells. , 2021, , 376-384.		0
198	An analysis of the photophysical and optical limiting properties of a novel 1,3,5-tristyrylBODIPY dye. , 2021, , 419-431.		0

#	Article	IF	Citations
199	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
200	Optical limiting properties of BODIPY dyes substituted with styryl or vinylene groups on the nanosecond timescale. , 2021, , 402-418.		0