

João Tom

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198
papers

6,917
citations

45
h-index

76
g-index

214
ext. papers

7,784
ext. citations

4.8
avg. IF

5.84
L-index

#	Paper	IF	Citations
198	Ligand design for functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2012 , 41, 1088-110	58.5	659
197	Multifunctional metal-organic frameworks: from academia to industrial applications. <i>Chemical Society Reviews</i> , 2015 , 44, 6774-803	58.5	618
196	Antimicrobial photodynamic therapy: study of bacterial recovery viability and potential development of resistance after treatment. <i>Marine Drugs</i> , 2010 , 8, 91-105	6	282
195	An insight on bacterial cellular targets of photodynamic inactivation. <i>Future Medicinal Chemistry</i> , 2014 , 6, 141-64	4.1	168
194	Charge effect on the photoinactivation of Gram-negative and Gram-positive bacteria by cationic meso-substituted porphyrins. <i>BMC Microbiology</i> , 2009 , 9, 70	4.5	151
193	Synthesis and antibacterial activity of new poly-S-lysine-porphyrin conjugates. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 6649-52	8.3	136
192	Synthesis of glycoporphyrin derivatives and their antiviral activity against herpes simplex virus types 1 and 2. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 3878-88	3.4	121
191	Energy and electron transfer in polyacetylene-linked zinc-porphyrin-[60]fullerene molecular wires. <i>Chemistry - A European Journal</i> , 2005 , 11, 3375-88	4.8	102
190	Functional cationic nanomagnet-porphyrin hybrids for the photoinactivation of microorganisms. <i>ACS Nano</i> , 2010 , 4, 7133-40	16.7	98
189	Phthalocyanine blends improve bulk heterojunction solar cells. <i>Journal of the American Chemical Society</i> , 2010 , 132, 2552-4	16.4	95
188	Mechanisms of photodynamic inactivation of a gram-negative recombinant bioluminescent bacterium by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1659-69	4.2	89
187	[1,2,3,4-Tetrakis(β -D-galactopyranos-6-yl)phthalocyaninato]zinc(II): a water-soluble phthalocyanine. <i>Tetrahedron Letters</i> , 2006 , 47, 9177-9180	2	85
186	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 626-33	4.2	84
185	Synthesis and photophysical properties of thioglycosylated chlorins, isobacteriochlorins, and bacteriochlorins for bioimaging and diagnostics. <i>Bioconjugate Chemistry</i> , 2010 , 21, 2136-46	6.3	84
184	Photoinactivation of bacteria in wastewater by porphyrins: bacterial beta-galactosidase activity and leucine-uptake as methods to monitor the process. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007 , 88, 112-8	6.7	84
183	Influence of external bacterial structures on the efficiency of photodynamic inactivation by a cationic porphyrin. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 680-90	4.2	81
182	Porphyrin and phthalocyanine glycodendritic conjugates: synthesis, photophysical and photochemical properties. <i>Chemical Communications</i> , 2012 , 48, 3608-10	5.8	80

181	Photodynamic inactivation of bacterial and yeast biofilms with a cationic porphyrin. <i>Photochemistry and Photobiology</i> , 2014 , 90, 1387-96	3.6	78
180	Photodynamic inactivation of bacteria: finding the effective targets. <i>Future Medicinal Chemistry</i> , 2015 , 7, 1221-4	4.1	75
179	Amphiphilic phthalocyanine-cyclodextrin conjugates for cancer photodynamic therapy. <i>Chemical Communications</i> , 2014 , 50, 8363-6	5.8	75
178	Photodynamic inactivation of recombinant bioluminescent <i>Escherichia coli</i> by cationic porphyrins under artificial and solar irradiation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 1447-54	4.2	73
177	Evaluation of resistance development and viability recovery by a non-enveloped virus after repeated cycles of aPDT. <i>Antiviral Research</i> , 2011 , 91, 278-82	10.8	71
176	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 415-22	4.2	71
175	Porphyrin derivatives as photosensitizers for the inactivation of <i>Bacillus cereus</i> endospores. <i>Journal of Applied Microbiology</i> , 2009 , 106, 1986-95	4.7	70
174	Photodynamic inactivation of <i>Penicillium chrysogenum</i> conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1735-43	4.2	66
173	Porphyrin-Based Metal-Organic Frameworks as Heterogeneous Catalysts in Oxidation Reactions. <i>Molecules</i> , 2016 , 21,	4.8	66
172	Synthesis of water-soluble phthalocyanines bearing four or eight D-galactose units. <i>Carbohydrate Research</i> , 2009 , 344, 507-10	2.9	63
171	Photodynamic inactivation of <i>Escherichia coli</i> with cationic meso-tetraarylporphyrins: The charge number and charge distribution effects. <i>Catalysis Today</i> , 2016 , 266, 197-204	5.3	62
170	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 1126-33	4.2	62
169	Metal-Organic Frameworks assembled from tetraphosphonic ligands and lanthanides. <i>Coordination Chemistry Reviews</i> , 2018 , 355, 133-149	23.2	61
168	Porphyrins and Phthalocyanines Decorated with Dendrimers: Synthesis and Biomedical Applications. <i>Current Organic Synthesis</i> , 2014 , 11, 110-126	1.9	58
167	Photodynamic antimicrobial chemotherapy in aquaculture: photoinactivation studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011 , 6, e20970	3.7	57
166	Synthesis of novel N-linked porphyrin-phthalocyanine dyads. <i>Organic Letters</i> , 2007 , 9, 1557-60	6.2	57
165	A new insight on nanomagnet-porphyrin hybrids for photodynamic inactivation of microorganisms. <i>Dyes and Pigments</i> , 2014 , 110, 80-88	4.6	56
164	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. <i>Chemical Communications</i> , 2014 , 50, 1359-61	5.8	54

163	Phthalocyanine thio-pyridinium derivatives as antibacterial photosensitizers. <i>Photochemistry and Photobiology</i> , 2012 , 88, 537-47	3.6	53
162	Fast detection of nitroaromatics using phosphonate pyrene motifs as dual chemosensors. <i>Chemical Communications</i> , 2014 , 50, 9683-6	5.8	52
161	Synthesis and Photophysical Studies of New Porphyrin-Phthalocyanine Dyads with Hindered Rotation. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 257-267	3.2	50
160	Silica nanoparticles functionalized with porphyrins and analogs for biomedical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 517-533	1.8	49
159	Multi-functional metal-organic frameworks assembled from a tripodal organic linker. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18354		48
158	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 1905-13	4.2	48
157	Antimicrobial photodynamic activity of porphyrin derivatives: potential application on medical and water disinfection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 574-577	1.8	48
156	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. <i>Chemical Communications</i> , 2013 , 49, 6400-2	5.8	46
155	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 150-166	1.8	46
154	Porphyrin-phthalocyanine/pyridylfullerene supramolecular assemblies. <i>Chemistry - A European Journal</i> , 2012 , 18, 3210-9	4.8	45
153	Antibodies armed with photosensitizers: from chemical synthesis to photobiological applications. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2518-29	3.9	45
152	Synthesis of neutral and cationic tripyridylporphyrin-D-galactose conjugates and the photoinactivation of HSV-1. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 4705-13	3.4	45
151	Phosphonate appended porphyrins as versatile chemosensors for selective detection of trinitrotoluene. <i>Analytical Chemistry</i> , 2015 , 87, 4515-22	7.8	43
150	Use of Photosensitizers in Semisolid Formulations for Microbial Photodynamic Inactivation. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 4428-42	8.3	43
149	Multifunctional micro- and nanosized metal-organic frameworks assembled from bisphosphonates and lanthanides. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3311	7.1	40
148	First phthalocyanine- β -cyclodextrin dyads. <i>Tetrahedron Letters</i> , 2006 , 47, 6129-6132	2	40
147	Synthesis of cationic beta-vinyl substituted meso-tetraphenylporphyrins and their in vitro activity against herpes simplex virus type 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 3333-7	2.9	40
146	Concentration sensor based on a tilted fiber Bragg grating for anions monitoring. <i>Optical Fiber Technology</i> , 2014 , 20, 422-427	2.4	39

145	Photodynamic oxidation of Escherichia coli membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 2717-28	2.2	39
144	Decorating graphene nanosheets with electron accepting pyridyl-phthalocyanines. <i>Nanoscale</i> , 2015 , 7, 5674-82	7.7	39
143	Galactodendritic phthalocyanine targets carbohydrate-binding proteins enhancing photodynamic therapy. <i>PLoS ONE</i> , 2014 , 9, e95529	3.7	39
142	Robust Multifunctional Yttrium-Based Metal-Organic Frameworks with Breathing Effect. <i>Inorganic Chemistry</i> , 2017 , 56, 1193-1208	5.1	38
141	Thermal stability of P3HT and P3HT:PCBM blends in the molten state. <i>Polymer Testing</i> , 2013 , 32, 1192-1204	4.0	38
140	Porphyrin conjugated with serum albumins and monoclonal antibodies boosts efficiency in targeted destruction of human bladder cancer cells. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1804-19	3.9	37
139	Cancer cell spheroids are a better screen for the photodynamic efficiency of glycosylated photosensitizers. <i>PLoS ONE</i> , 2017 , 12, e0177737	3.7	35
138	An effective and potentially safe blood disinfection protocol using tetrapyrrolic photosensitizers. <i>Future Medicinal Chemistry</i> , 2017 , 9, 365-379	4.1	34
137	New platinum(II)-bipyridyl corrole complexes: Synthesis, characterization and binding studies with DNA and HSA. <i>Journal of Inorganic Biochemistry</i> , 2015 , 153, 32-41	4.2	33
136	Synthesis and photophysical characterization of dimethylamine-derived Zn(II)phthalocyanines: exploring their potential as selective chemosensors for trinitrophenol. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1056-1067	7.1	33
135	Bifunctional Porphyrin-Based Nano-Metal-Organic Frameworks: Catalytic and Chemosensing Studies. <i>Inorganic Chemistry</i> , 2018 , 57, 3855-3864	5.1	33
134	Involvement of type I and type II mechanisms on the photoinactivation of non-enveloped DNA and RNA bacteriophages. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013 , 120, 10-6	6.7	32
133	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4311-8	3.4	32
132	Photoimmunoconjugates: novel synthetic strategies to target and treat cancer by photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 2579-2593	3.9	32
131	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1853-63	4.2	30
130	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 1520-3	4.2	30
129	Applicability of photodynamic antimicrobial chemotherapy as an alternative to inactivate fish pathogenic bacteria in aquaculture systems. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1691-700	4.0	30
128	Photodynamic oxidation of Staphylococcus warneri membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 1607-18	2.2	29

127	Synthesis of Glycoporphyrins. <i>Topics in Heterocyclic Chemistry</i> , 2007 , 179-248	0.2	28
126	Synthesis, characterization and biomolecule-binding properties of novel tetra-platinum(II)-thiopyridylporphyrins. <i>Dalton Transactions</i> , 2015 , 44, 530-8	4.3	27
125	Mitochondria-Targeted Photodynamic Therapy with a Galactodendritic Chlorin to Enhance Cell Death in Resistant Bladder Cancer Cells. <i>Bioconjugate Chemistry</i> , 2016 , 27, 2762-2769	6.3	27
124	New Materials Based on Cationic Porphyrins Conjugated to Chitosan or Titanium Dioxide: Synthesis, Characterization and Antimicrobial Efficacy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
123	Galactodendritic porphyrinic conjugates as new biomimetic catalysts for oxidation reactions. <i>Inorganic Chemistry</i> , 2015 , 54, 4382-93	5.1	26
122	Photophysical properties of a photocytotoxic fluorinated chlorin conjugated to four beta-cyclodextrins. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 834-43	4.2	26
121	Cationic galactoporphyrin photosensitisers against UV-B resistant bacteria: oxidation of lipids and proteins by 1(O ₂). <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 262-71	4.2	24
120	Hydrogels containing porphyrin-loaded nanoparticles for topical photodynamic applications. <i>International Journal of Pharmaceutics</i> , 2016 , 510, 221-31	6.5	23
119	Synthetic approaches to glyco-phthalocyanines. <i>Tetrahedron</i> , 2014 , 70, 2681-2698	2.4	23
118	Copper Porphyrin Metal Organic Frameworks as Oxidative Heterogeneous Catalysts. <i>ChemCatChem</i> , 2017 , 9, 2939-2945	5.2	22
117	Dual functionality of phosphonic-acid-appended phthalocyanines: inhibitors of urokinase plasminogen activator and anticancer photodynamic agents. <i>Chemical Communications</i> , 2015 , 51, 15550-3	5.8	22
116	PEG-containing ruthenium phthalocyanines as photosensitizers for photodynamic therapy: synthesis, characterization and in vitro evaluation. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5862-5869	7.3	22
115	Detoxification of a Mustard-Gas Simulant by Nanosized Porphyrin-Based Metal Organic Frameworks. <i>ACS Applied Nano Materials</i> , 2019 , 2, 465-469	5.6	22
114	The role of surface functionalization of silica nanoparticles for bioimaging. <i>Journal of Innovative Optical Health Sciences</i> , 2016 , 09, 1630005	1.2	21
113	Multicharged Phthalocyanines as Selective Ligands for G-Quadruplex DNA Structures. <i>Molecules</i> , 2019 , 24,	4.8	21
112	Photoinactivation of Planktonic and Biofilm Forms of Escherichia coli through the Action of Cationic Zinc(II) Phthalocyanines. <i>ChemPhotoChem</i> , 2019 , 3, 251-260	3.3	20
111	Photodynamic inactivation of Escherichia coli with cationic ammonium Zn(II) phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1872-9	4.2	20
110	Thermal stability of low-bandgap copolymers PTB7 and PTB7-Th and their bulk heterojunction composites. <i>Polymer Bulletin</i> , 2018 , 75, 515-532	2.4	20

109	Octatosylaminophthalocyanine: A reusable chromogenic anion chemosensor. <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 387-394	8.5	19
108	Structural Diversity of Lanthanum Organic Frameworks Based on 1,4-Phenylenebis(methylene)diphosphonic Acid. <i>Crystal Growth and Design</i> , 2013 , 13, 543-560	3.5	19
107	Chain-dependent photocytotoxicity of tricationic porphyrin conjugates and related mechanisms of cell death in proliferating human skin keratinocytes. <i>Biochemical Pharmacology</i> , 2010 , 80, 1373-85	6	19
106	Interactions of cationic porphyrins with double-stranded oligodeoxynucleotides: a study by electrospray ionisation mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 1439-47	2.2	19
105	The role of galectin-1 in in vitro and in vivo photodynamic therapy with a galactodendritic porphyrin. <i>European Journal of Cancer</i> , 2016 , 68, 60-69	7.5	19
104	Carbon-1 versus Carbon-3 Linkage of d-Galactose to Porphyrins: Synthesis, Uptake, and Photodynamic Efficiency. <i>Bioconjugate Chemistry</i> , 2018 , 29, 306-315	6.3	18
103	Photoluminescent layered lanthanide organic framework based on a novel trifluorotriphosphonate organic linker. <i>CrystEngComm</i> , 2014 , 16, 344-358	3.3	18
102	Porphyrin modified trastuzumab improves efficacy of HER2 targeted photodynamic therapy of gastric cancer. <i>International Journal of Cancer</i> , 2017 , 141, 1478-1489	7.5	18
101	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 1357-65	2.2	18
100	Synthesis and fluorescence properties of a porphyrin fullerene molecular wire. <i>Journal of Physical Organic Chemistry</i> , 2004 , 17, 814-818	2.1	18
99	Towards hydroxamic acid linked zirconium metal organic frameworks. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1194-1199	7.8	17
98	Phthalocyanines for G-quadruplex aptamers binding. <i>Bioorganic Chemistry</i> , 2020 , 100, 103920	5.1	17
97	Photo-inactivation of Bacillus endospores: inter-specific variability of inactivation efficiency. <i>Microbiology and Immunology</i> , 2012 , 56, 692-9	2.7	17
96	Characterization of dinitroporphyrin zinc complexes by electrospray ionization tandem mass spectrometry. Unusual fragmentations of beta-(1,3-dinitroalkyl) porphyrins. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 117-22	2.2	17
95	Highly selective optical chemosensor for cyanide in aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2016 , 224, 81-87	8.5	16
94	Enhancement of the photodynamic activity of tri-cationic porphyrins towards proliferating keratinocytes by conjugation to poly-S-lysine. <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 126-33	4.2	16
93	Structural characterization of glycoporphyrins by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004 , 39, 158-67	2.2	16
92	Synthesis and anion binding properties of porphyrins and related compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 950-965	1.8	16

91	Noncovalent Functionalization of Thiopyridyl Porphyrins with Ruthenium Phthalocyanines. <i>ChemPlusChem</i> , 2015 , 80, 832-838	2.8	15
90	Layered Metal-Organic Frameworks Based on Octahedral Lanthanides and a Phosphonate Linker: Control of Crystal Size. <i>Crystal Growth and Design</i> , 2014 , 14, 4873-4877	3.5	15
89	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5429-5435	7.3	15
88	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020 , 26, 1789-1799	4.8	15
87	Utilizing Nearest-Neighbor Interactions To Alter Charge Transport Mechanisms in Molecular Assemblies of Porphyrins on Surfaces. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 13569-13579	3.8	14
86	Cationic β -vinyl substituted meso-tetraphenylporphyrins: synthesis and non-covalent interactions with a short poly(dGdC) duplex. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012 , 16, 101-113	1.8	14
85	Characterization of isomeric cationic porphyrins with beta-pyrrolic substituents by electrospray mass spectrometry: the singular behavior of a potential virus photoinactivator. <i>Journal of the American Society for Mass Spectrometry</i> , 2007 , 18, 218-25	3.5	14
84	Characterization of cationic glycoporphyrins by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 3605-11	2.2	14
83	Nanomagnet-photosensitizer hybrid materials for the degradation of 17 β -estradiol in batch and flow modes. <i>Dyes and Pigments</i> , 2017 , 142, 535-543	4.6	13
82	New copper porphyrins as functional models of catechol oxidase. <i>Journal of Catalysis</i> , 2016 , 344, 303-312	7.3	13
81	Metal-organic frameworks based on uranyl and phosphonate ligands. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014 , 70, 28-36	1.8	13
80	New pyrimidine and pyrimidone derivatives of [60]fullerene. <i>Tetrahedron</i> , 1998 , 54, 11141-11150	2.4	13
79	Multifunctionality in an Ion-Exchanged Porous Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1365-1376	16.4	13
78	Microwave Synthesis of a photoluminescent Metal-Organic Framework based on a rigid tetraphosphonate linker. <i>Inorganica Chimica Acta</i> , 2017 , 455, 584-594	2.7	12
77	[28]Hexaphyrin derivatives for anion recognition in organic and aqueous media. <i>Chemical Communications</i> , 2016 , 52, 2181-4	5.8	12
76	Cationic porphyrins with inverted pyridinium groups and their fluorescence properties. <i>Tetrahedron Letters</i> , 2014 , 55, 4156-4159	2	12
75	Synthesis, Characterization and In Vitro Evaluation of Carbohydrate-Containing Ruthenium Phthalocyanines as Third Generation Photosensitizers for Photodynamic Therapy. <i>ChemPhotoChem</i> , 2018 , 2, 640-654	3.3	11
74	Charge and substituent effects on the stability of porphyrin/G-quadruplex adducts. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 173-9	2.2	11

73	Porphyrinic coordination polymer-type materials as heterogeneous catalysts in catechol oxidation. <i>Polyhedron</i> , 2019 , 158, 478-484	2.7	11
72	Copper-phthalocyanine coordination polymer as a reusable catechol oxidase biomimetic catalyst. <i>Dalton Transactions</i> , 2019 , 48, 8144-8152	4.3	10
71	Versatile thiopyridyl/pyridinone porphyrins combined with potassium iodide and thiopyridinium/methoxypyridinium porphyrins on E. coli photoinactivation. <i>Dyes and Pigments</i> , 2020 , 181, 108476	4.6	10
70	Supramolecular control of phthalocyanine dye aggregation. <i>Supramolecular Chemistry</i> , 2014 , 26, 642-647	1.8	10
69	Synthesis, characterization and electrochemical properties of meso-thiocarboxylate-substituted porphyrin derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 967-974	1.8	10
68	Synthesis and Characterization of New Cross-like Porphyrin-Phthalocyanine and Porphyrin-Phthalocyanine Pentads. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, E202-E208	1.9	9
67	Facile synthesis of highly stable BF ₃ -induced meso-tetrakis (4-sulfonato phenyl) porphyrin (TPPS4)-J-aggregates: structure, photophysical and electrochemical properties. <i>New Journal of Chemistry</i> , 2013 , 37, 3745	3.6	9
66	An efficient approach to the synthesis of tetrahydroquinazoline and cyclooctapyrimidine derivatives of meso-tetraphenylporphyrins. <i>Tetrahedron Letters</i> , 1997 , 38, 2753-2756	2	9
65	Reduction of cationic free-base meso-tris-N-methylpyridinium-4-yl porphyrins in positive mode electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007 , 18, 762-8	3.5	9
64	Electrospray tandem mass spectrometry of new porphyrin amino acid conjugates. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2569-80	2.2	9
63	Synthesis of a Rigid Fused Porphyrin-Phthalocyanine Hetero-Dyad with Two Different Metals. <i>Current Organic Chemistry</i> , 2013 , 17, 1103-1107	1.7	9
62	Compromising the plasma membrane as a secondary target in photodynamic therapy-induced necrosis. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 5224-5228	3.4	9
61	Supramolecular graphene-phthalocyanine assemblies for technological breakthroughs. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8344-8361	7.1	8
60	Photoinactivation of with Water-Soluble Ammonium-Substituted Phthalocyanines.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4044-4051	4.1	8
59	Synthesis and differentiation of alpha- and beta-glycoporphyrin stereoisomers by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 3478-83	2.2	8
58	Porphyryl-type sugar derivatives: synthesis and biological applications. <i>Carbohydrate Chemistry</i> , 199-233		8
57	Comparative photodynamic inactivation of bioluminescent E. coli by pyridinium and inverted pyridinium chlorins. <i>Dyes and Pigments</i> , 2020 , 173, 107410	4.6	8
56	A Galactose Dendritic Silicon (IV) Phthalocyanine as a Photosensitizing Agent in Cancer Photodynamic Therapy. <i>ChemPlusChem</i> , 2018 , 83, 855-860	2.8	7

55	Synthesis of hexaphyrins and N-fused pentaphyrins bearing pyridin-4-ylsulfanyl groups. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 824-831	1.8	7
54	Tricationic porphyrin conjugates: evidence for chain-structure-dependent relaxation of excited singlet and triplet States. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 16695-704	3.4	7
53	Porphyrin-based photosensitizers and their DNA conjugates for singlet oxygen induced nucleic acid interstrand crosslinking. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5402-5409	3.9	6
52	Unsymmetrical cationic porphyrin-cyclodextrin bioconjugates for photoinactivation of Escherichia coli. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020 , 31, 101788	3.5	6
51	Synthesis of MOFs at the Industrial Scale 2018 , 57-80		6
50	An insight into the gas-phase fragmentations of potential molecular sensors with porphyrin-chalcone structures. <i>International Journal of Mass Spectrometry</i> , 2015 , 392, 164-172	1.9	6
49	Electrospray tandem mass spectrometry of beta-nitroalkenyl meso-tetraphenylporphyrins. <i>European Journal of Mass Spectrometry</i> , 2008 , 14, 49-59	1.1	6
48	Reduction and adduct formation from electro sprayed solutions of porphyrin salts. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 806-13	2.2	6
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