

Augusto C Tom

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203 papers	6,018 citations	44 h-index	65 g-index
230 ext. papers	6,619 ext. citations	3.7 avg, IF	5.36 L-index

#	Paper	IF	Citations
203	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
202	meso-Substituted expanded porphyrins: new and stable hexaphyrins. <i>Chemical Communications</i> , 1999 , 385-386	5.8	170
201	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
200	Strategies for Corrole Functionalization. <i>Chemical Reviews</i> , 2017 , 117, 3192-3253	68.1	145
199	Synthesis and antibacterial activity of new poly-S-lysine-porphyrin conjugates. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 6649-52	8.3	136
198	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
197	Functional cationic nanomagnet-porphyrin hybrids for the photoinactivation of microorganisms. <i>ACS Nano</i> , 2010 , 4, 7133-40	16.7	98
196	1,3-dipolar cycloaddition reactions of porphyrins with azomethine ylides. <i>Journal of Organic Chemistry</i> , 2005 , 70, 2306-14	4.2	98
195	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
194	[1,2,3,4-Tetrakis(4,6-galactopyranos-6-yl)phthalocyaninato]zinc(II): a water-soluble phthalocyanine. <i>Tetrahedron Letters</i> , 2006 , 47, 9177-9180	2	85
193	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
192	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
191	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
190	Photodynamic inactivation of bacterial and yeast biofilms with a cationic porphyrin. <i>Photochemistry and Photobiology</i> , 2014 , 90, 1387-96	3.6	78
189	meso-Arylporphyrins as dienophiles in Diels-Alder reactions: a novel approach to the synthesis of chlorins, bacteriochlorins and naphthoporphyrins. <i>Chemical Communications</i> , 1997 , 1199-1200	5.8	75
188	Photodynamic inactivation of recombinant bioluminescent Escherichia coli by cationic porphyrins under artificial and solar irradiation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008 , 35, 1447-54	4.2	73
187	meso-Tetraarylporphyrins as dipolarophiles in 1,3-dipolar cycloaddition reactions. <i>Chemical Communications</i> , 1999 , 1767-1768	5.8	72

186	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
185	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 415-22	4.2	71
184	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
183	5,10,15,20-tetrakis(pentafluorophenyl)porphyrin: a versatile platform to novel porphyrinic materials. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 1116-1133	1.8	68
182	Photodynamic inactivation of <i>Penicillium chrysogenum</i> conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1735-43	4.2	66
181	Synthesis and cycloaddition reactions of pyrrole-fused 3-sulfolenes: a new versatile route to tetrabenzoporphyrins. <i>Tetrahedron Letters</i> , 1997 , 38, 3639-3642	2	66
180	Porphyrins in 1,3-dipolar cycloaddition reactions with sugar nitrones. Synthesis of glycoconjugated isoxazolidine-fused chlorins and bacteriochlorins. <i>Tetrahedron Letters</i> , 2002 , 43, 603-605	2	66
179	Synthesis of water-soluble phthalocyanines bearing four or eight D-galactose units. <i>Carbohydrate Research</i> , 2009 , 344, 507-10	2.9	63
178	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
177	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 1126-33	4.2	62
176	Oxidation of unsaturated monoterpenes with hydrogen peroxide catalysed by manganese(III) porphyrin complexes. <i>Journal of Molecular Catalysis A</i> , 2001 , 172, 33-42		62
175	BODIPYs in antitumoral and antimicrobial photodynamic therapy: An integrating review. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019 , 40, 21-48	16.4	59
174	Photodynamic effects induced by meso-tris(pentafluorophenyl)corrole and its cyclodextrin conjugates on cytoskeletal components of HeLa cells. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 135-44	6.8	59
173	Synthesis and antioxidant activity of [60]fullerene-BHT conjugates. <i>Chemistry - A European Journal</i> , 2006 , 12, 4646-53	4.8	59
172	Photodynamic antimicrobial chemotherapy in aquaculture: photoinactivation studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011 , 6, e20970	3.7	57
171	Synthesis of novel N-linked porphyrin-phthalocyanine dyads. <i>Organic Letters</i> , 2007 , 9, 1557-60	6.2	57
170	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. <i>Chemical Communications</i> , 2014 , 50, 1359-61	5.8	54
169	Synthesis of new beta-substituted meso-tetraphenylporphyrins via 1,3-dipolar cycloaddition reactions. 1. <i>Journal of Organic Chemistry</i> , 2002 , 67, 726-32	4.2	54

168	Atropisomerism and conformational aspects of meso-tetraarylporphyrins and related compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 1-28	1.8	52
167	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7218-26	3.4	51
166	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
165	Porphyrins and other pyrrolic macrocycles in cycloaddition reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 408-414	1.8	49
164	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
163	Porphyrins in 1,3-dipolar cycloaddition reactions. Synthesis of new porphyrin-chlorin and porphyrin-tetraazachlorin dyads. <i>Journal of Organic Chemistry</i> , 2006 , 71, 8352-6	4.2	46
162	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
161	Phthalocyanine dimers. <i>Tetrahedron Letters</i> , 2006 , 47, 8171-8174	2	45
160	Synthesis and photophysical properties of fullerene-phthalocyanine-porphyrin triads and pentads. <i>Chemistry - A European Journal</i> , 2012 , 18, 1727-36	4.8	44
159	[1,2,3]Triazolo[4,5-b]porphyrins: new building blocks for porphyrinic materials. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5487-91	16.4	42
158	Glycophthalocyanines as photosensitizers for triggering mitotic catastrophe and apoptosis in cancer cells. <i>Chemical Research in Toxicology</i> , 2012 , 25, 940-51	4	41
157	Cycloaddition reactions of porphyrins. <i>Arkivoc</i> , 2004 , 2003, 107-130	0.9	41
156	First phthalocyanine-cyclodextrin dyads. <i>Tetrahedron Letters</i> , 2006 , 47, 6129-6132	2	40
155	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
154	Novel barrelene-fused chlorins by Diels-Alder reactions. <i>Tetrahedron Letters</i> , 2000 , 41, 3065-3068	2	40
153	Porphyrin Macrocycle Modification: Pyrrole Ring-Contracted or -Expanded Porphyrinoids. <i>Molecules</i> , 2016 , 21, 320	4.8	40
152	Photodynamic inactivation of bioluminescent Escherichia coli by neutral and cationic pyrrolidine-fused chlorins and isobacteriochlorins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 808-12	2.9	39
151	Synthesis of new amphiphilic chlorin derivatives from protoporphyrin-IX dimethyl ester. <i>Tetrahedron</i> , 2008 , 64, 8709-8715	2.4	39

150	A new synthetic approach to N-arylquinolino[2,3,4-at]porphyrins from beta-arylaminoporphyrins. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7353-6	4.2	38
149	[60]Fullerene-flavonoid dyads. <i>Tetrahedron</i> , 2004 , 60, 3581-3592	2.4	37
148	Singlet oxygen formation and photostability of meso-tetraarylporphyrin derivatives and their copper complexes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001 , 144, 131-140	4.7	37
147	Porphyrins in 1,3-Dipolar Cycloaddition Reactions: Synthesis of a Novel Pyrazoline-fused Chlorin and a Pyrazole-fused Porphyrin. <i>Synlett</i> , 2002 , 2002, 1155-1157	2.2	37
146	Porphyrins in Diels-Alder reactions. Improvements on the synthesis of barrelene-fused chlorins using microwave irradiation. <i>Tetrahedron Letters</i> , 2005 , 46, 4723-4726	2	36
145	Novel Mn(III)chlorins as versatile catalysts for oxyfunctionalisation of hydrocarbons under homogeneous conditions. <i>Journal of Molecular Catalysis A</i> , 2005 , 239, 138-143		35
144	Reaction of (2-amino-5,10,15,20-tetraphenylporphyrinato)nickel(II) with quinones. <i>Tetrahedron</i> , 2005 , 61, 11866-11872	2.4	34
143	Panchromatic light harvesting in single wall carbon nanotube hybrids-immobilization of porphyrin-phthalocyanine conjugates. <i>Chemical Communications</i> , 2011 , 47, 3490-2	5.8	33
142	Five-Membered Heterocycles: 1,2-Azoles. Part 1. Pyrazoles 2011 , 635-725		33
141	Pyrrolidine-fused chlorin photosensitizer immobilized on solid supports for the photoinactivation of Gram negative bacteria. <i>Dyes and Pigments</i> , 2014 , 110, 123-133	4.6	32
140	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
139	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4311-8	3.4	32
138	Synthesis of porphyrin-quinolone conjugates. <i>Tetrahedron Letters</i> , 2008 , 49, 7268-7270	2	31
137	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
136	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	4.2	30
135	Intra- and intermolecular heavy-atom effects on the fluorescence properties of brominated C60 polyads. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 12809-14	3.4	30
134	Synthesis and reactivity of 2-(porphyrin-2-yl)-1,3-dicarbonyl compounds. <i>Tetrahedron</i> , 2005 , 61, 10454-10461	2.4	30
133	Chemical Transformations of Mono- and Bis(buta-1,3-dien-1-yl)porphyrins: A New Synthetic Approach to Mono- and Dibenzoporphyrins. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 704-712	3.2	29

132	Pyrimidine ortho-quinodimethanes. <i>Tetrahedron</i> , 1996 , 52, 1735-1746	2.4	29
131	How light affects 5,10,15-tris(pentafluorophenyl)corrole. <i>Tetrahedron Letters</i> , 2010 , 51, 1537-1540	2	28
130	An easy synthetic approach to pyridoporphyrins by domino reactions. <i>Organic Letters</i> , 2007 , 9, 2305-8	6.2	28
129	Distorted fused porphyrin-phthalocyanine conjugates: synthesis and photophysics of supramolecular assembled systems with a pyridylfullerene. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 11858-63	3.6	27
128	Synthesis and characterization of new porphyrin/4-quinolone conjugates. <i>Tetrahedron</i> , 2011 , 67, 7336-7342	2.4	27
127	Efficient electron transfer in substituted porphyrin-C60 dyads connected through a p-phenylenevinylene dimer. <i>Tetrahedron</i> , 2008 , 64, 11404-11408	2.4	27
126	Synthesis and antioxidant activity of [60]fullerene-flavonoid conjugates. <i>Tetrahedron</i> , 2009 , 65, 253-262	2.4	26
125	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
124	[60]Fullerene and three [60]fullerene derivatives in membrane model environments. <i>Perkin Transactions II RSC</i> , 2000 , 301-306		26
123	Corroles in 1,3-dipolar cycloaddition reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 358-368	2.4	25
122	(E)-3-(meso-Octamethylcalix[4]pyrrol-2-yl)propenal: a versatile precursor for calix[4]pyrrole-based chromogenic anion sensors. <i>Tetrahedron Letters</i> , 2010 , 51, 2184-2187	2	25
121	Reaction of chromone-3-carbaldehyde with amino acids: Syntheses of 3- and 4-(2-hydroxybenzoyl)pyrroles. <i>Tetrahedron</i> , 2007 , 63, 910-917	2.4	25
120	Novel quinone-fused corroles. <i>Tetrahedron Letters</i> , 2007 , 48, 8904-8908	2	25
119	Synthesis of new tetrapyrrolic derivatives: porphyrins as dienophiles or dipolarophiles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000 , 04, 532-537	1.8	25
118	Generation and trapping of 5,6-dimethylenepyrimidin-4-ones in Diels-Alder and Michael additions. <i>Tetrahedron</i> , 1996 , 52, 1723-1734	2.4	25
117	Pyrimidine and Pyrimidone Derivatives of [60]Fullerene. <i>Tetrahedron Letters</i> , 1997 , 38, 2557-2560	2	24
116	Mechanistic insights on the site selectivity in successive 1,3-dipolar cycloadditions to meso-tetraarylporphyrins. <i>Tetrahedron</i> , 2008 , 64, 7937-7943	2.4	24
115	Reaction of meso-tetraarylporphyrins with pyrazine ortho-quinodimethanes. <i>Tetrahedron Letters</i> , 2005 , 46, 2189-2191	2	24

114	Synthesis and solvent dependence of the photophysical properties of [60]fullerene-sugar conjugates. <i>Tetrahedron</i> , 2005 , 61, 11873-11881	2.4	24
113	Synthesis of new calix[4]pyrrole derivatives via 1,3-dipolar cycloadditions. <i>Tetrahedron</i> , 2010 , 66, 7595-7599	2.2	22
112	Formyl- and Vinylporphyrins: Magic Building Blocks for Novel Porphyrin Derivatives. <i>Molecules</i> , 2017 , 22,	4.8	20
111	Isoxazolidine-fused meso-tetraarylchlorins as key tools for the synthesis of mono- and bis-annulated chlorins. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7131-5	3.9	20
110	Novel pyrazoline and pyrazole porphyrin derivatives: synthesis and photophysical properties. <i>Tetrahedron</i> , 2012 , 68, 8181-8193	2.4	20
109	Synthesis of [60]fullerene-based amino acid derivatives. <i>Tetrahedron</i> , 2005 , 61, 1423-1431	2.4	20
108	NMR characterisation of five isomeric β -diformyl-meso-tetraphenylporphyrins. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 1774-1777		20
107	Octatosylaminophthalocyanine: A reusable chromogenic anion chemosensor. <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 387-394	8.5	19
106	A novel chlorin derivative of Meso-tris(pentafluorophenyl)-4-pyridylporphyrin: synthesis, photophysics and photochemical properties. <i>Journal of the Brazilian Chemical Society</i> , 2004 , 15, 923-930	1.5	19
105	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
104	A novel approach to the synthesis of mono- and dipyrroloporphyrins. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 2752-2753		19
103	Pyrimidine o-quinodimethanes: Formation of 1:1 and 2:1 adducts with dienophiles. <i>Tetrahedron Letters</i> , 1993 , 34, 6639-6642	2	19
102	Recent advances in the functionalization of meso-triarylcorroles via cycloaddition reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 415-418	1.8	18
101	A new silica-supported manganese chlorin as a biomimetic oxidation catalyst. <i>Catalysis Communications</i> , 2009 , 11, 24-28	3.2	18
100	Synthesis of [60]fullerene-Quercetin dyads. <i>Tetrahedron Letters</i> , 2002 , 43, 4617-4620	2	18
99	Photo-inactivation of Bacillus endospores: inter-specific variability of inactivation efficiency. <i>Microbiology and Immunology</i> , 2012 , 56, 692-9	2.7	17
98	Porphyrin - Phosphoramidate Conjugates: Synthesis, Photostability and Singlet Oxygen Generation. <i>Australian Journal of Chemistry</i> , 2011 , 64, 939	1.2	17
97	1,3-Dioxopyrrolo[3,4-b]porphyrins: synthesis and chemistry. <i>Organic Letters</i> , 2011 , 13, 130-3	6.2	17

- 96 Diels-Alder Reactions of 2'-Hydroxychalcones with ortho-Benzoquino-dimethane: A New Synthesis of 3-Aryl-2-naphthyl 2-Hydroxyphenyl Ketones. *European Journal of Organic Chemistry*, **2006**, 2006, 2558-2569 3.2 17
- 95 Characterization of dinitroporphyrin zinc complexes by electrospray ionization tandem mass spectrometry. Unusual fragmentations of beta-(1,3-dinitroalkyl) porphyrins. *Journal of Mass Spectrometry*, **2005**, 40, 117-22 2.2 17
- 94 Porphyrin derivatives: Synthesis and potential applications. *Journal of Heterocyclic Chemistry*, **2000**, 37, 527-534 1.9 17
- 93 Synthesis and Functionalization of Corroles. An Insight on Their Nonlinear Optical Absorption Properties. *Current Organic Synthesis*, **2014**, 11, 29-41 1.9 17
- 92 Highly selective optical chemosensor for cyanide in aqueous medium. *Sensors and Actuators B: Chemical*, **2016**, 224, 81-87 8.5 16
- 91 Coumarin-Tetrapyrrolic Macrocycle Conjugates: Synthesis and Applications. *Molecules*, **2017**, 22, 4.8 16
- 90 9-meso-Tetraarylporphyrin Derivatives: New Synthetic Methodologies. *Handbook of Porphyrin Science*, **2010**, 193-294 0.3 16
- 89 Enhancement of the photodynamic activity of tri-cationic porphyrins towards proliferating keratinocytes by conjugation to poly-S-lysine. *Photochemical and Photobiological Sciences*, **2006**, 5, 126-33 4.2 16
- 88 Structural characterization of glycoporphyrins by electrospray tandem mass spectrometry. *Journal of Mass Spectrometry*, **2004**, 39, 158-67 2.2 16
- 87 New Syntheses of Flavones from Diels-Alder Reactions of 2-Styrylchromones with ortho-Benzoquinodimethanes. *European Journal of Organic Chemistry*, **1999**, 1999, 135-139 3.2 16
- 86 A new synthetic approach to benzoporphyrins and Kr nke type porphyrin-2-ylpyridines. *Chemical Communications*, **2012**, 48, 6142-4 5.8 15
- 85 Five-Membered Heterocycles: 1,2-Azoles. Part 2. Isoxazoles and Isothiazoles **2011**, 727-808 15
- 84 Synthesis and high ranked NLT properties of new sulfonamide-substituted indium phthalocyanines. *Inorganica Chimica Acta*, **2010**, 363, 3945-3950 2.7 15
- 83 Cycloreversion and other gas-phase reactions of neutral and cationic pyrrolidine-fused chlorins and isobacteriochlorins under ion bombardment and electrospray. *Rapid Communications in Mass Spectrometry*, **2004**, 18, 2601-11 2.2 15
- 82 Synthesis and Diels-Alder reactions of 2-(buta-1,3-dien-2-yl)-5,10,15,20-tetraphenylporphyrin. *Tetrahedron Letters*, **2000**, 41, 5679-5682 2 15
- 81 Diels-Alder reactions of beta-vinyl-meso-tetraphenylporphyrin with quinones. *Arkivoc*, **2005**, 2005, 332-343 4.3 15
- 80 Chromogenic anion molecular probes based on  disubstituted calix[4]pyrroles. *Sensors and Actuators B: Chemical*, **2014**, 200, 332-338 8.5 14
- 79 Meso-Tetraarylporphyrins Bearing Nitro or Amino Groups: Synthetic Strategies and Reactivity Profiles. *Topics in Heterocyclic Chemistry*, **2013**, 35-78 0.2 14

78	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
77	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
76	Characterization of cationic glycoporphyrins by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 3605-11	2.2	14
75	Novel porphyrin-quinone architectures via 1,3-dipolar cycloaddition reactions. <i>Tetrahedron Letters</i> , 2005 , 46, 5487-5490	2	14
74	Transduction of excited state energy between covalently linked porphyrins and phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 1027-32	4.2	13
73	Synthesis of new glycoporphyrin derivatives through carbohydrate-substituted β -diazoacetates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 247-255	1.8	13
72	New pyrimidine and pyrimidone derivatives of [60]fullerene. <i>Tetrahedron</i> , 1998 , 54, 11141-11150	2.4	13
71	Synthesis of novel [60]fullerene-flavonoid dyads. <i>Tetrahedron Letters</i> , 2002 , 43, 1689-1691	2	13
70	[28]Hexaphyrin derivatives for anion recognition in organic and aqueous media. <i>Chemical Communications</i> , 2016 , 52, 2181-4	5.8	12
69	An acoustic wave sensor for the hydrophilic fluoride. <i>Sensors and Actuators B: Chemical</i> , 2011 , 157, 594-599	3	12
68	Synthesis of 5-Hydroxy-2-(naphth-2-yl)chromone derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2007 , 44, 1345-1350	1.9	12
67	Study by liquid secondary ion and electrospray mass spectrometry of synthesized and formed-in-source metallocorroles. <i>Journal of Mass Spectrometry</i> , 2007 , 42, 225-32	2.2	12
66	A New Insight into the Catalytic Decomposition of Ethyl Diazoacetate in the Presence of meso-Tetraarylporphyrin (=5,10,15,20-Tetraaryl-21H,23H-porphine) Complexes. <i>Helvetica Chimica Acta</i> , 2008 , 91, 2270-2283	2	12
65	β -amino-meso-tetraphenylporphyrin Derivatives in Hetero-Diels-Alder Reactions. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3233-3239	3.2	12
64	Efficient photodynamic inactivation of <i>Candida albicans</i> by porphyrin and potassium iodide co-encapsulation in micelles. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1063-1071	4.2	11
63	An easy access to porphyrin triads and their supramolecular interaction with a pyridyl [60]fulleropyrrolidine. <i>Dyes and Pigments</i> , 2016 , 135, 163-168	4.6	11
62	Efficient Low Driving Force Charge Separation in an Electron Deficient Zn-Porphyrin Fullerene Donor-Acceptor Conjugate. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 28093-28099	3.8	11
61	Synthesis of [60]fullerene-glycopyranosylaminopyrimidin-4-one conjugates. <i>Tetrahedron</i> , 2008 , 64, 4427-4437	4.3	11

60	1,3-Dipolar cycloadditions with meso-tetraarylchlorins: Site selectivity and mixed bisadducts. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 534-544	5.2	10
59	Hetero-Diels-Alder reactions of amino-meso-tetraphenylporphyrin derivatives: a new approach to pyrido[2,3-b]porphyrins. <i>Tetrahedron Letters</i> , 2001 , 42, 8307-8309	2	10
58	Synthesis of sulfonamide-substituted phthalocyanines. <i>Tetrahedron Letters</i> , 2009 , 50, 6882-6885	2	9
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