

Augusto C Tom

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9255483/augusto-c-tome-publications-by-year.pdf>

Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Diketopyrrolo[3,4-c]pyrrole derivative as a promising ligand for the stabilization of G-quadruplex DNA structures.. <i>Bioorganic Chemistry</i> , 2022 , 122, 105703	5.1	0
202	Pyridin-2-ylthiazolothiazoles Synthesis and photophysical properties. <i>Results in Chemistry</i> , 2021 , 3, 100246	4.6	0
201	Comparison of the Photodynamic Action of Porphyrin, Chlorin, and Isobacteriochlorin Derivatives toward a Melanotic Cell Line.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4925-4935	4.1	2
200	The Photosensitizing Efficacy of Micelles Containing a Porphyrinic Photosensitizer and KI against Resistant Melanoma Cells. <i>Chemistry - A European Journal</i> , 2021 , 27, 1990-1994	4.8	2
199	Synthesis, characterization, and cellular investigations of porphyrin- and chlorin-indomethacin conjugates for photodynamic therapy of cancer. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 6501-6512	3.9	3
198	Cationic Pyrrolidine/Pyrroline-Substituted Porphyrins as Efficient Photosensitizers against. <i>Molecules</i> , 2021 , 26,	4.8	6
197	Phthalocyanine-Functionalized Magnetic Silica Nanoparticles as Anion Chemosensors. <i>Sensors</i> , 2021 , 21,	3.8	2
196	A Convenient Synthesis of Diketopyrrolopyrrole Dyes. <i>Molecules</i> , 2021 , 26,	4.8	1
195	Dependent excited state absorption and dynamic of BF substituted metalloporphyrins: The metal ion effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 260, 119911	4.4	1
194	Photodynamic treatment of melanoma cells using aza-dipyrromethenes as photosensitizers. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 885-891	4.2	0
193	Fluorescent optrode for proteins based on a diketopyrrolopyrrole derivative: Practical application to total protein determination in urine. <i>Optics and Laser Technology</i> , 2020 , 130, 106364	4.2	5
192	Photoinactivation of with Water-Soluble Ammonium-Substituted Phthalocyanines.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4044-4051	4.1	8
191	Site-Selective Modification of a Porpholactone-Selective Synthesis of 12,13- and 17,18-Dihydroporpholactones. <i>Molecules</i> , 2020 , 25,	4.8	2
190	Efficient photodynamic inactivation of Candida albicans by porphyrin and potassium iodide co-encapsulation in micelles. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1063-1071	4.2	11
189	Azides and Porphyrinoids: Synthetic Approaches and Applications. Part 2-Azides, Phthalocyanines, Subphthalocyanines and Porphyrazines. <i>Molecules</i> , 2020 , 25,	4.8	6
188	Azides and Porphyrinoids: Synthetic Approaches and Applications. Part 1-Azides, Porphyrins and Corroles. <i>Molecules</i> , 2020 , 25,	4.8	5
187	Diketopyrrolopyrrole-fullerene C architectures as highly efficient heavy atom-free photosensitizers: synthesis, photophysical properties and photodynamic activity. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 1449-1461	3.9	9

186	PorphyrinBiketopyrrolopyrrole conjugates and related structures: Synthesis, properties and applications. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 43-66	1.8	4
185	A Convenient Synthesis of Pentaporphyrins and Supramolecular Complexes with a Fulleropyrrolidine. <i>Molecules</i> , 2019 , 24,	4.8	1
184	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
183	Efficient Low Driving Force Charge Separation in an Electron Deficient Zn-PorphyrinFullerene DonorAcceptor Conjugate. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 28093-28099	3.8	11
182	Phthalocyanine-sulfonamide conjugates: Synthesis and photodynamic inactivation of Gram-negative and Gram-positive bacteria. <i>European Journal of Medicinal Chemistry</i> , 2018 , 154, 60-67	6.8	7
181	Chalcones and Chromones in Copper-Catalyzed AzideAlkyne Cycloadditions (CuAAC). <i>Current Organic Chemistry</i> , 2018 , 22, 1307-1325	1.7	2
180	1,3-Dipolar cycloadditions with meso-tetraarylchlorins Bsite selectivity and mixed bisadducts. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 534-544	5.2	10
179	PorphyrinBoron diketonate dyads. <i>New Journal of Chemistry</i> , 2017 , 41, 2186-2192	3.6	8
178	Strategies for Corrole Functionalization. <i>Chemical Reviews</i> , 2017 , 117, 3192-3253	68.1	145
177	Coumarin-Tetrapyrrolic Macrocyclic Conjugates: Synthesis and Applications. <i>Molecules</i> , 2017 , 22,	4.8	16
176	Formyl- and Vinylporphyrins: Magic Building Blocks for Novel Porphyrin Derivatives. <i>Molecules</i> , 2017 , 22,	4.8	20
175	Photodynamic inactivation of Escherichia coli with cationic meso-tetraarylporphyrins The charge number and charge distribution effects. <i>Catalysis Today</i> , 2016 , 266, 197-204	5.3	62
174	Unprecedented Double aza-Michael Addition within a Sapphyrin Core. <i>Chemistry - A European Journal</i> , 2016 , 22, 14349-55	4.8	3
173	Synthesis under high hydrostatic pressure A new method to prepare 5,10,15,20-tetrakis[4-(substituted amino)-2,3,5,6-tetrafluorophenyl]porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1377-1389	1.8	1
172	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
171	[28]Hexaphyrin derivatives for anion recognition in organic and aqueous media. <i>Chemical Communications</i> , 2016 , 52, 2181-4	5.8	12
170	Highly selective optical chemosensor for cyanide in aqueous medium. <i>Sensors and Actuators B: Chemical</i> , 2016 , 224, 81-87	8.5	16
169	Porphyrin Macrocyclic Modification: Pyrrole Ring-Contracted or -Expanded Porphyrinoids. <i>Molecules</i> , 2016 , 21, 320	4.8	40

168	Study of Multiporphyrin Compounds as Colorimetric Sitting-Atop Metal Complexes: Synthesis and Photophysical Studies. <i>ChemPlusChem</i> , 2016 , 81, 143-153	2.8	7
167	Reactivity of tetrapyrrolyl nitrones towards dipolarophiles bearing electron-withdrawing groups. <i>Tetrahedron Letters</i> , 2015 , 56, 2878-2881	2	5
166	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
165	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
164	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
163	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
162	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. <i>Chemical Communications</i> , 2014 , 50, 1359-61	5.8	54
161	Photodynamic inactivation of bacterial and yeast biofilms with a cationic porphyrin. <i>Photochemistry and Photobiology</i> , 2014 , 90, 1387-96	3.6	78
160	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
159	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
158	Octatosylaminophthalocyanine: A reusable chromogenic anion chemosensor. <i>Sensors and Actuators B: Chemical</i> , 2014 , 201, 387-394	8.5	19
157	Chromogenic anion molecular probes based on 1,3-disubstituted calix[4]pyrroles. <i>Sensors and Actuators B: Chemical</i> , 2014 , 200, 332-338	8.5	14
156	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
155	Synthesis and Functionalization of Corroles. An Insight on Their Nonlinear Optical Absorption Properties. <i>Current Organic Synthesis</i> , 2014 , 11, 29-41	1.9	17
154	Meso-Tetraarylporphyrins Bearing Nitro or Amino Groups: Synthetic Strategies and Reactivity Profiles. <i>Topics in Heterocyclic Chemistry</i> , 2013 , 35-78	0.2	14
153	Glycophthalocyanines: structural differentiation and isomeric differentiation by matrix-assisted laser desorption/ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 1019-26	2.2	3
152	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
151	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4311-8	3.4	32

150	meso-Tetraphenylbenzoporphyrin-2(2),2(3)-dicarboxylic anhydride: a platform to benzoporphyrin derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 6622-31	4.2	4
149	Tetrahydroquinazoline-substituted chromones from Diels-Alder reaction of (E)-2-styrylchromones and pyrimidine ortho-quinodimethane. <i>Tetrahedron Letters</i> , 2012 , 53, 2722-2725	2	4
148	Synthesis and photophysical properties of fullerene-phthalocyanine-porphyrin triads and pentads. <i>Chemistry - A European Journal</i> , 2012 , 18, 1727-36	4.8	44
147	Photo-inactivation of Bacillus endospores: inter-specific variability of inactivation efficiency. <i>Microbiology and Immunology</i> , 2012 , 56, 692-9	2.7	17
146	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
145	Glycophthalocyanines as photosensitizers for triggering mitotic catastrophe and apoptosis in cancer cells. <i>Chemical Research in Toxicology</i> , 2012 , 25, 940-51	4	41
144	Novel pyrazoline and pyrazole porphyrin derivatives: synthesis and photophysical properties. <i>Tetrahedron</i> , 2012 , 68, 8181-8193	2.4	20
143	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
142	A new synthetic approach to benzoporphyrins and Krinke type porphyrin-2-ylpyridines. <i>Chemical Communications</i> , 2012 , 48, 6142-4	5.8	15
141	Differentiation of aminomethyl corrole isomers by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 516-22	2.2	6
140	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
139	Porphyrin - Phosphoramidate Conjugates: Synthesis, Photostability and Singlet Oxygen Generation. <i>Australian Journal of Chemistry</i> , 2011 , 64, 939	1.2	17
138	Photodynamic inactivation of Penicillium chrysogenum conidia by cationic porphyrins. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1735-43	4.2	66
137	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
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	Atropisomerism and conformational aspects of meso-tetraarylporphyrins and related compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 1-28	1.8	52
134	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
133	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

132	Photodynamic antimicrobial chemotherapy in aquaculture: photoinactivation studies of <i>Vibrio fischeri</i> . <i>PLoS ONE</i> , 2011 , 6, e20970	3.7	57
131	Synthesis and characterization of new porphyrin/4-quinolone conjugates. <i>Tetrahedron</i> , 2011 , 67, 7336-7342	3.42	27
130	Catalytic carbene insertion into an aminoporphyrin and formation of a new chiral supramolecular porphyrin system. <i>Tetrahedron Letters</i> , 2011 , 52, 4741-4744	2	4
129	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
128	Five-Membered Heterocycles: 1,2-Azoles. Part 1. Pyrazoles 2011 , 635-725		33
127	Five-Membered Heterocycles: 1,2-Azoles. Part 2. Isoxazoles and Isothiazoles 2011 , 727-808		15
126	1,3-Dioxopyrrolo[3,4-b]porphyrins: synthesis and chemistry. <i>Organic Letters</i> , 2011 , 13, 130-3	6.2	17
125	An acoustic wave sensor for the hydrophilic fluoride. <i>Sensors and Actuators B: Chemical</i> , 2011 , 157, 594-599	5.9	12
124	Reaction of β -Vinyl-meso-tetraphenylporphyrin with o-Quinone Methides. <i>Synlett</i> , 2011 , 2011, 1841-1844	2.2	4
123	A theoretical study of the conformation of meso-tetraphenylporphyrin (TPPH ₂), its anions, cations and metal complexes (Mg ²⁺ , Ca ²⁺ and Zn ²⁺). <i>Journal of Porphyrins and Phthalocyanines</i> , 2010 , 14, 630-638	1.8	3
122	9meso-Tetraarylporphyrin Derivatives: New Synthetic Methodologies. <i>Handbook of Porphyrin Science</i> , 2010 , 193-294	0.3	16
121	Functional cationic nanomagnet-porphyrin hybrids for the photoinactivation of microorganisms. <i>ACS Nano</i> , 2010 , 4, 7133-40	16.7	98
120	Synthesis of β -Arylporphyrins and Oligophenylenediporphyrins by the Suzuki-Miyaura Reaction. <i>Synthesis</i> , 2010 , 2010, 510-514	2.9	2
119	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
118	Transduction of excited state energy between covalently linked porphyrins and phthalocyanines. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 1027-32	4.2	13
117	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 1126-33	4.2	62
116	Synthesis and high ranked NLT properties of new sulfonamide-substituted indium phthalocyanines. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3945-3950	2.7	15
115	Synthesis of new calix[4]pyrrole derivatives via 1,3-dipolar cycloadditions. <i>Tetrahedron</i> , 2010 , 66, 7595-7599	5.99	22

114	How light affects 5,10,15-tris(pentafluorophenyl)corrole. <i>Tetrahedron Letters</i> , 2010 , 51, 1537-1540	2	28
113	(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
112	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
111	Synthesis of new glycoporphyrin derivatives through carbohydrate-substituted diazoacetates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 247-255	1.8	13
110	Recent developments in the structural characterization of substituted meso-tetraarylporphyrins by electrospray tandem mass spectrometry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 524-527	1.8	6
109	Corroles in 1,3-dipolar cycloaddition reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 358-368	2	25
108	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
107	Gas-phase fragmentation of protonated C60-pyrimidine derivatives. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 911-9	2.2	7
106	Synthesis of sulfonamide-substituted phthalocyanines. <i>Tetrahedron Letters</i> , 2009 , 50, 6882-6885	2	9
105	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
104	Synthesis and antioxidant activity of [60]fullerene-flavonoid conjugates. <i>Tetrahedron</i> , 2009 , 65, 253-262	2.4	26
103	Synthesis and antioxidant properties of new chromone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7218-26	3.4	51
102	Synthesis of water-soluble phthalocyanines bearing four or eight D-galactose units. <i>Carbohydrate Research</i> , 2009 , 344, 507-10	2.9	63
101	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
100	Porphyrins and other pyrrolic macrocycles in cycloaddition reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 408-414	1.8	49
99	A new silica-supported manganese chlorin as a biomimetic oxidation catalyst. <i>Catalysis Communications</i> , 2009 , 11, 24-28	3.2	18
98	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
97	Sewage bacteriophage photoinactivation by cationic porphyrins: a study of charge effect. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 415-22	4.2	71

96	Ultrastructure of the Effects of Pyrrolidine-fused Chlorins on the Replication of HSV-1. <i>Microscopy and Microanalysis</i> , 2008 , 14, 137-138	0.5	
95	Synthesis of Glycoporphyrins by Cross-Metathesis Reactions. <i>Synlett</i> , 2008 , 2008, 1205-1207	2.2	3
94	Electrospray tandem mass spectrometry of beta-nitroalkenyl meso-tetraphenylporphyrins. <i>European Journal of Mass Spectrometry</i> , 2008 , 14, 49-59	1.1	6
93	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, 1447-1454	4.2	73
92	Reduction and adduct formation from electrosprayed solutions of porphyrin salts. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 806-13	2.2	6
91	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
90	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
89	Synthesis of [60]fullerene- β -glycopyranosylaminopyrimidin-4-one conjugates. <i>Tetrahedron</i> , 2008 , 64, 4427-4437	4.37	11
88	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
87	Synthesis of new amphiphilic chlorin derivatives from protoporphyrin-IX dimethyl ester. <i>Tetrahedron</i> , 2008 , 64, 8709-8715	2.4	39
86	Efficient electron transfer in β -substituted porphyrin-C60 dyads connected through a p-phenylenevinylene dimer. <i>Tetrahedron</i> , 2008 , 64, 11404-11408	2.4	27
85	Synthesis of porphyrin-quinolone conjugates. <i>Tetrahedron Letters</i> , 2008 , 49, 7268-7270	2	31
84	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
83	An easy synthetic approach to pyridoporphyrins by domino reactions. <i>Organic Letters</i> , 2007 , 9, 2305-8	6.2	28
82	Synthesis of 5-Hydroxy-2-(naphth-2-yl)chromone derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2007 , 44, 1345-1350	1.9	12
81	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
80	Reaction of chromone-3-carbaldehyde with α -amino acids. Syntheses of 3- and 4-(2-hydroxybenzoyl)pyrroles. <i>Tetrahedron</i> , 2007 , 63, 910-917	2.4	25
79	Novel quinone-fused corroles. <i>Tetrahedron Letters</i> , 2007 , 48, 8904-8908	2	25

78	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
77	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
76	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
75	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
74	Synthesis of novel N-linked porphyrin-phthalocyanine dyads. <i>Organic Letters</i> , 2007 , 9, 1557-60	6.2	57
73	Synthesis and antioxidant activity of [60]fullerene-BHT conjugates. <i>Chemistry - A European Journal</i> , 2006 , 12, 4646-53	4.8	59
72	[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
71	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
70	Diels-Alder Reactions of 2'-Hydroxychalcones with ortho-Benzoquino-dimethane: A New Synthesis of 3-Aryl-2-naphthyl 2-Hydroxyphenyl Ketones. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2558-2569	3.2	17
69	[1,2,3]Triazolo[4,5-b]porphyrins: New Building Blocks for Porphyrinic Materials. <i>Angewandte Chemie</i> , 2006 , 118, 5613-5617	3.6	7
68	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
67	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
66	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
65	Characterization of cationic glycoporphyrins by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 3605-11	2.2	14
64	Synthesis and Diels-Alder reaction of a sapphyrin derivative. <i>Tetrahedron Letters</i> , 2006 , 47, 3131-3134	2	6
63	First phthalocyanine- β -cyclodextrin dyads. <i>Tetrahedron Letters</i> , 2006 , 47, 6129-6132	2	40
62	Phthalocyanine dimers. <i>Tetrahedron Letters</i> , 2006 , 47, 8171-8174	2	45
61	[1,2,3,4-Tetrakis(4-D-galactopyranos-6-yl)phthalocyaninato]zinc(II): a water-soluble phthalocyanine. <i>Tetrahedron Letters</i> , 2006 , 47, 9177-9180	2	85

60	1,3-dipolar cycloaddition reactions of porphyrins with azomethine ylides. <i>Journal of Organic Chemistry</i> , 2005 , 70, 2306-14	4.2	98
59	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
58	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
57	Reaction of meso-tetraarylporphyrins with pyrazine ortho-quinodimethanes. <i>Tetrahedron Letters</i> , 2005 , 46, 2189-2191	2	24
56	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
55	Novel porphyrin-quinone architectures via 1,3-dipolar cycloaddition reactions. <i>Tetrahedron Letters</i> , 2005 , 46, 5487-5490	2	14
54	Synthesis and reactivity of 2-(porphyrin-2-yl)-1,3-dicarbonyl compounds. <i>Tetrahedron</i> , 2005 , 61, 10454-10461	2.4	30
53	Synthesis and solvent dependence of the photophysical properties of [60]fullerene-sugar conjugates. <i>Tetrahedron</i> , 2005 , 61, 11873-11881	2.4	24
52	Reaction of (2-amino-5,10,15,20-tetraphenylporphyrinato)nickel(II) with quinones. <i>Tetrahedron</i> , 2005 , 61, 11866-11872	2.4	34
51	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
50	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
49	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
48	Porphyrins in 1,3-Dipolar Cycloadditions with Sugar Azomethine Ylides. Synthesis of Pyrrolidinoporphyrin Glycoconjugates.. <i>ChemInform</i> , 2005 , 36, no		2
47	Synthesis of [60]fullerene-based amino acid derivatives. <i>Tetrahedron</i> , 2005 , 61, 1423-1431	2.4	20
46	Electrospray tandem mass spectrometry of new porphyrin amino acid conjugates. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 2569-80	2.2	9
45	Synthesis of Di- and Tetra-Sulfonated Heterocyclic Compounds by Crisscross Cycloaddition Reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 2617-2634	1	1
44	Porphyrins in 1,3-Dipolar Cycloadditions with Sugar Azomethine Ylides. Synthesis of Pyrrolidinoporphyrin Glycoconjugates. <i>Synlett</i> , 2005 , 2005, 0857-0859	2.2	2
43	Diels-Alder reactions of beta-vinyl-meso-tetraphenylporphyrin with quinones. <i>Arkivoc</i> , 2005 , 2005, 332-343	2.4	15

42	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
41	Novel Diels-Alder and Thermal [4+4] Cycloadditions of Corroles. <i>Synlett</i> , 2004 , 2004, 1291-1293	2.2	2
40	Cycloreversion and other gas-phase reactions of neutral and cationic pyrrolidine-fused chlorins and isobacteriochlorins under ion bombardment and electrospray. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 2601-11	2.2	15
39	β-amino-meso-tetraphenylporphyrin Derivatives in Hetero-Diels-Alder Reactions. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3233-3239	3.2	12
38	Structural characterization of glycoporphyrins by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004 , 39, 158-67	2.2	16
37	[60]Fullerene-flavonoid dyads. <i>Tetrahedron</i> , 2004 , 60, 3581-3592	2.4	37
36	Lanthanide compounds containing a benzo-15-crown-5 derivatised [60]fullerene and the related [Tb(H ₂ O) ₃ (NO ₃) ₂ (acac)]·[C ₁₄ H ₂₀ O ₅] supramolecular adduct. <i>New Journal of Chemistry</i> , 2004 , 28, 1352-1358	3.6	6
35	Synthesis and antibacterial activity of new poly-S-lysine-porphyrin conjugates. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 6649-52	8.3	136
34	Cycloaddition reactions of porphyrins. <i>Arkivoc</i> , 2004 , 2003, 107-130	0.9	41
33	Novel porphyrin-quinazoline conjugates via the Diels-Alder reaction. <i>Tetrahedron</i> , 2003 , 59, 7907-7913	2.4	3
32	Synthesis of a New Porphyrin-Phthalocyanine Dimer 2003 , 341		
31	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
30	Synthesis of novel [60]fullerene-flavonoid dyads. <i>Tetrahedron Letters</i> , 2002 , 43, 1689-1691	2	13
29	Synthesis of [60]fullerene-quercetin dyads. <i>Tetrahedron Letters</i> , 2002 , 43, 4617-4620	2	18
28	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
27	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
26	NMR characterisation of five isomeric β-diacyl-meso-tetraphenylporphyrins. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 1774-1777		20
25	Hetero-Diels-Alder reactions of β-amino-meso-tetraphenylporphyrin derivatives: a new approach to pyrido[2,3-b]porphyrins. <i>Tetrahedron Letters</i> , 2001 , 42, 8307-8309	2	10

24	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
23	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
22	A novel approach to the synthesis of mono- and dipyrroloporphyrins. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 2752-2753		19
21	Synthesis of new tetrapyrrolic derivatives porphyrins as dienophiles or dipolarophiles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000 , 04, 532-537	1.8	25
20	Porphyrin derivatives: Synthesis and potential applications. <i>Journal of Heterocyclic Chemistry</i> , 2000 , 37, 527-534	1.9	17
19	Novel barrelene-fused chlorins by Diels-Alder reactions. <i>Tetrahedron Letters</i> , 2000 , 41, 3065-3068	2	40
18	Synthesis and Diels-Alder reactions of 2-(buta-1,3-dien-2-yl)-5,10,15,20-tetraphenylporphyrin. <i>Tetrahedron Letters</i> , 2000 , 41, 5679-5682	2	15
17	[60]Fullerene and three [60]fullerene derivatives in membrane model environments. <i>Perkin Transactions II RSC</i> , 2000 , 301-306		26
16	New Syntheses of Flavones from Diels-Alder Reactions of 2-Styrylchromones with ortho-Benzoquinodimethanes. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 135-139	3.2	16
15	Liquid Secondary Ion Mass Spectrometry and Collision-induced Dissociation Mass Spectrometry of Sulfonamide Derivatives of meso-Tetraphenylporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999 , 03, 172-179	1.8	5
14	meso-Tetraarylporphyrins as dipolarophiles in 1,3-dipolar cycloaddition reactions. <i>Chemical Communications</i> , 1999 , 1767-1768	5.8	72
13	meso-Substituted expanded porphyrins: new and stable hexaphyrins. <i>Chemical Communications</i> , 1999 , 385-386	5.8	170
12	New pyrimidine and pyrimidone derivatives of [60]fullerene. <i>Tetrahedron</i> , 1998 , 54, 11141-11150	2.4	13
11	CHLOROSULFONATION OF FLAVONES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998 , 140, 113-124	1	2
10	Carbazole-1,2-quinodimethane: Generation and Reactivity. <i>Synlett</i> , 1997 , 12, 1444-1446	2.2	2
9	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
8	Pyrimidine and Pyrimidone Derivatives of [60]Fullerene. <i>Tetrahedron Letters</i> , 1997 , 38, 2557-2560	2	24
7	An efficient approach to the synthesis of tetrahydroquinazoline and cyclooctapyrimidine derivatives of meso-tetraphenylporphyrins. <i>Tetrahedron Letters</i> , 1997 , 38, 2753-2756	2	9

6	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
5	On the Generation and Trapping of N-Unsubstituted Pyrazole o-Quinodimethanes. <i>Synlett</i> , 1996 , 1996, 531-532	2.2	6
4	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
3	Pyrimidine ortho-quinodimethanes. <i>Tetrahedron</i> , 1996 , 52, 1735-1746	2.4	29
2	CHLOROSULFONATION OF N-ARYLMALEIMIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 79, 187-194	1	7
1	Pyrimidine o-quinodimethanes: Formation of 1:1 and 2:1 adducts with dienophiles. <i>Tetrahedron Letters</i> , 1993 , 34, 6639-6642	2	19