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List of Publications by Year in Descending Order

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	The Surprisingly Positive Effect of Zinc-Phthalocyanines With High Photodynamic Therapy Efficacy of Melanoma Cancer.. *Frontiers in Chemistry*, **2022**, 10, 825716	5	0
197	Synthesis of Nonaromatic Nitrogen Heterocycles via Singlet Oxygen **2022**, 333-355		
196	Porphyrin NanoMetal-Organic Frameworks as Cancer Theranostic Agents. *Molecules*, **2022**, 27, 3111	4.8	1
195	Thiopyridinium phthalocyanine for improved photodynamic efficiency against pathogenic fungi.. *Journal of Photochemistry and Photobiology B: Biology*, **2022**, 231, 112459	6.7	0
194	Graphene Quantum Dots and Phthalocyanines Turn-OFF-ON Photoluminescence Nanosensor for ds-DNA. *Nanomaterials*, **2022**, 12, 1892	5.4	0
193	Complex cellular environments imaged by SERS nanoprobes using sugars as an all-in-one vector. *Journal of Materials Chemistry B*, **2021**, 9, 9285-9294	7.3	0
192	Photocatalytic degradation of methyl orange mediated by a silica coated nanomagnet porphyrin hybrid. *Journal of Organometallic Chemistry*, **2021**, 938, 121751	2.3	2
191	Encapsulation of glycosylated porphyrins in silica nanoparticles to enhance the efficacy of cancer photodynamic therapy. *Materials Advances*, **2021**, 2, 1613-1620	3.3	0
190	Multifunctionality in an Ion-Exchanged Porous Metal-Organic Framework. *Journal of the American Chemical Society*, **2021**, 143, 1365-1376	16.4	13
189	Phthalocyanine-Functionalized Magnetic Silica Nanoparticles as Anion Chemosensors. *Sensors*, **2021**, 21,	3.8	2
188	Iron(III) Complexation with Galactodendritic Porphyrin Species and Hydrocarbons□Oxidative Transformations. *European Journal of Inorganic Chemistry*, **2021**, 2021, 2857-2869	2.3	1
187	Pyrazole-pyridinium porphyrins and chlorins as powerful photosensitizers for photoinactivation of planktonic and biofilm forms of E. coli. *Dyes and Pigments*, **2021**, 193, 109557	4.6	3
186	Versatile thiopyridyl/pyridinone porphyrins combined with potassium iodide and thiopyridinium/methoxypyridinium porphyrins on E. coli photoinactivation. *Dyes and Pigments*, **2020**, 181, 108476	4.6	10
185	Supramolecular graphene□phthalocyanine assemblies for technological breakthroughs. *Journal of Materials Chemistry C*, **2020**, 8, 8344-8361	7.1	8
184	Phthalocyanines for G-quadruplex aptamers binding. *Bioorganic Chemistry*, **2020**, 100, 103920	5.1	17
183	Photoinactivation of with Water-Soluble Ammonium-Substituted Phthalocyanines.. *ACS Applied Bio Materials*, **2020**, 3, 4044-4051	4.1	8
182	Unsymmetrical cationic porphyrin-cyclodextrin bioconjugates for photoinactivation of Escherichia coli. *Photodiagnosis and Photodynamic Therapy*, **2020**, 31, 101788	3.5	6

181	Thiophene- and Carbazole-Substituted -Methyl-Fulleropyrrolidine Acceptors in PffBT4T-2OD Based Solar Cells. *Materials*, **2020**, 13,	3.5	4
180	Influence of the meso-substituents of zinc porphyrins in dye-sensitized solar cell efficiency with improved performance under short periods of white light illumination. *Dyes and Pigments*, **2020**, 177, 108280	4.6	3
179	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. *Chemistry - A European Journal*, **2020**, 26, 1697	4.8	1
178	PET/CT Imaging with an F-Labeled Galactodendritic Unit in a Galectin-1-Overexpressing Orthotopic Bladder Cancer Model. *Journal of Nuclear Medicine*, **2020**, 61, 1369-1375	8.9	3
177	Caveolin-1 Modulation Increases Efficacy of a Galacto-Conjugated Phthalocyanine in Bladder Cancer Cells Resistant to Photodynamic Therapy. *Molecular Pharmaceutics*, **2020**, 17, 2145-2154	5.6	3
176	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. *Chemistry - A European Journal*, **2020**, 26, 1789-1799	4.8	15
175	Photocatalytic Synthesis of Nitrogen-Containing Heterocycles **2020**, 699-728		1
174	Pyrene Tetraphosphonate-Based Metal-Organic Framework: Structure and Photoluminescence. *European Journal of Inorganic Chemistry*, **2020**, 2020, 3565-3572	2.3	
173	Comparative photodynamic inactivation of bioluminescent E. coli by pyridinium and inverted pyridinium chlorins. *Dyes and Pigments*, **2020**, 173, 107410	4.6	8
172	Synthesis and characterization of novel 5-monocarbohydrate-10,20-bis-aryl-porphyrins. *Journal of Porphyrins and Phthalocyanines*, **2020**, 24, 330-339	1.8	2
171	Synthesis, Characterization and Photodynamic Activity against Bladder Cancer Cells of Novel Triazole-Porphyrin Derivatives. *Molecules*, **2020**, 25,	4.8	5
170	Photoinactivation of Planktonic and Biofilm Forms of Escherichia coli through the Action of Cationic Zinc(II) Phthalocyanines. *ChemPhotoChem*, **2019**, 3, 251-260	3.3	20
169	New Materials Based on Cationic Porphyrins Conjugated to Chitosan or Titanium Dioxide: Synthesis, Characterization and Antimicrobial Efficacy. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	26
168	Copper-phthalocyanine coordination polymer as a reusable catechol oxidase biomimetic catalyst. *Dalton Transactions*, **2019**, 48, 8144-8152	4.3	10
167	Multicharged Phthalocyanines as Selective Ligands for G-Quadruplex DNA Structures. *Molecules*, **2019**, 24,	4.8	21
166	PffBT4T-2OD Based Solar Cells with Aryl-Substituted -Methyl-Fulleropyrrolidine Acceptors. *Materials*, **2019**, 12,	3.5	1
165	Detoxification of a Mustard-Gas Simulant by Nanosized Porphyrin-Based Metal–Organic Frameworks. *ACS Applied Nano Materials*, **2019**, 2, 465-469	5.6	22
164	Porphyrinic coordination polymer-type materials as heterogeneous catalysts in catechol oxidation. *Polyhedron*, **2019**, 158, 478-484	2.7	11

163	Photoimmunoconjugates: novel synthetic strategies to target and treat cancer by photodynamic therapy. *Organic and Biomolecular Chemistry*, **2019**, 17, 2579-2593	3.9	32
162	Oxidation of Monoterpenes Catalysed by a Water-Soluble MnIII PEG-Porphyrin in a Biphasic Medium. *ChemCatChem*, **2018**, 10, 2804-2809	5.2	3
161	Carbon-1 versus Carbon-3 Linkage of d-Galactose to Porphyrins: Synthesis, Uptake, and Photodynamic Efficiency. *Bioconjugate Chemistry*, **2018**, 29, 306-315	6.3	18
160	Synthesis of MOFs at the Industrial Scale **2018**, 57-80		6
159	Bifunctional Porphyrin-Based Nano-Metal-Organic Frameworks: Catalytic and Chemosensing Studies. *Inorganic Chemistry*, **2018**, 57, 3855-3864	5.1	33
158	Thermal stability of low-bandgap copolymers PTB7 and PTB7-Th and their bulk heterojunction composites. *Polymer Bulletin*, **2018**, 75, 515-532	2.4	20
157	Metal□Organic Frameworks assembled from tetraphosphonic ligands and lanthanides. *Coordination Chemistry Reviews*, **2018**, 355, 133-149	23.2	61
156	Synthesis, Characterization and In Vitro Evaluation of Carbohydrate-Containing Ruthenium Phthalocyanines as Third Generation Photosensitizers for Photodynamic Therapy. *ChemPhotoChem*, **2018**, 2, 640-654	3.3	11
155	A Galactose Dendritic Silicon (IV) Phthalocyanine as a Photosensitizing Agent in Cancer Photodynamic Therapy. *ChemPlusChem*, **2018**, 83, 855-860	2.8	7
154	Antimicrobial Photodynamic Activity of Cationic Nanoparticles Decorated with Glycosylated Photosensitizers for Water Disinfection. *ChemPhotoChem*, **2018**, 2, 596-605	3.3	4
153	Compromising the plasma membrane as a secondary target in photodynamic therapy-induced necrosis. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 5224-5228	3.4	9
152	Metal-organic framework assembled from erbium and a tetrapodal polyphosphonic acid organic linker. *Acta Crystallographica Section C, Structural Chemistry*, **2018**, 74, 752-759	0.8	2
151	Microwave Synthesis of a photoluminescent Metal-Organic Framework based on a rigid tetraphosphonate linker. *Inorganica Chimica Acta*, **2017**, 455, 584-594	2.7	12
150	Towards hydroxamic acid linked zirconium metal□rganic frameworks. *Materials Chemistry Frontiers* , **2017**, 1, 1194-1199	7.8	17
149	Robust Multifunctional Yttrium-Based Metal-Organic Frameworks with Breathing Effect. *Inorganic Chemistry*, **2017**, 56, 1193-1208	5.1	38
148	Porphyrin-based photosensitizers and their DNA conjugates for singlet oxygen induced nucleic acid interstrand crosslinking. *Organic and Biomolecular Chemistry*, **2017**, 15, 5402-5409	3.9	6
147	Copper□Porphyrin□Metal□Organic Frameworks as Oxidative Heterogeneous Catalysts. *ChemCatChem*, **2017**, 9, 2939-2945	5.2	22
146	Nanomagnet-photosensitizer hybrid materials for the degradation of 17□estradiol in batch and flow modes. *Dyes and Pigments*, **2017**, 142, 535-543	4.6	13

145	An effective and potentially safe blood disinfection protocol using tetrapyrrolic photosensitizers. *Future Medicinal Chemistry*, **2017**, 9, 365-379	4.1	34
144	Porphyrin modified trastuzumab improves efficacy of HER2 targeted photodynamic therapy of gastric cancer. *International Journal of Cancer*, **2017**, 141, 1478-1489	7.5	18
143	PEG-containing ruthenium phthalocyanines as photosensitizers for photodynamic therapy: synthesis, characterization and in vitro evaluation. *Journal of Materials Chemistry B*, **2017**, 5, 5862-5869	7.3	22
142	Cancer cell spheroids are a better screen for the photodynamic efficiency of glycosylated photosensitizers. *PLoS ONE*, **2017**, 12, e0177737	3.7	35
141	Photodynamic inactivation of Escherichia coli with cationic meso-tetraarylporphyrins The charge number and charge distribution effects. *Catalysis Today*, **2016**, 266, 197-204	5.3	62
140	A ladder coordination polymer based on Ca(2+) and (4,5-dicyano-1,2-phenylene)bis(phosphonic acid): crystal structure and solution-state NMR study. *Acta Crystallographica Section C, Structural Chemistry*, **2016**, 72, 685-91	0.8	0
139	Unprecedented Double aza-Michael Addition within a Sapphyrin Core. *Chemistry - A European Journal*, **2016**, 22, 14349-55	4.8	3
138	New copper porphyrins as functional models of catechol oxidase. *Journal of Catalysis*, **2016**, 344, 303-312	7.3	13
137	Mitochondria-Targeted Photodynamic Therapy with a Galactodendritic Chlorin to Enhance Cell Death in Resistant Bladder Cancer Cells. *Bioconjugate Chemistry*, **2016**, 27, 2762-2769	6.3	27
136	Hydrogels containing porphyrin-loaded nanoparticles for topical photodynamic applications. *International Journal of Pharmaceutics*, **2016**, 510, 221-31	6.5	23
135	ESI-MS/MS of expanded porphyrins: a look into their structure and aromaticity. *Journal of Mass Spectrometry*, **2016**, 51, 342-9	2.2	4
134	The role of surface functionalization of silica nanoparticles for bioimaging. *Journal of Innovative Optical Health Sciences*, **2016**, 09, 1630005	1.2	21
133	Use of Photosensitizers in Semisolid Formulations for Microbial Photodynamic Inactivation. *Journal of Medicinal Chemistry*, **2016**, 59, 4428-42	8.3	43
132	[28]Hexaphyrin derivatives for anion recognition in organic and aqueous media. *Chemical Communications*, **2016**, 52, 2181-4	5.8	12
131	Highly selective optical chemosensor for cyanide in aqueous medium. *Sensors and Actuators B: Chemical*, **2016**, 224, 81-87	8.5	16
130	Targeting Cancer Cells with Photoactive Silica Nanoparticles. *Current Pharmaceutical Design*, **2016**, 22, 6021-6038	3.3	6
129	Crystal structure of a compact three-dimensional metal-organic framework based on Cs and (4,5-di-cyano-1,2-phenyl-ene)bis-(phospho-nic acid). *Acta Crystallographica Section E: Crystallographic Communications*, **2016**, 72, 1794-1798	0.7	1
128	Porphyrin-Based Metal-Organic Frameworks as Heterogeneous Catalysts in Oxidation Reactions. *Molecules*, **2016**, 21,	4.8	66

127	Synthesis and anion binding properties of porphyrins and related compounds. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 950-965	1.8	16
126	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 150-166	1.8	46
125	The role of galectin-1 in in□vitro and in□vivo photodynamic therapy with a galactodendritic porphyrin. *European Journal of Cancer*, **2016**, 68, 60-69	7.5	19
124	Molecular Targeted Photodynamic Therapy for Cancer **2016**, 127-169		2
123	Heteroporphyrinoid Systems □Compounds and Materials Composed of Different Chromophores **2016**, 1-106		0
122	Noncovalent Functionalization of Thiopyridyl Porphyrins with Ruthenium Phthalocyanines. *ChemPlusChem*, **2015**, 80, 832-838	2.8	15
121	Multifunctional metal-organic frameworks: from academia to industrial applications. *Chemical Society Reviews*, **2015**, 44, 6774-803	58.5	618
120	Photodynamic inactivation of Escherichia coli with cationic ammonium Zn(II) phthalocyanines. *Photochemical and Photobiological Sciences*, **2015**, 14, 1872-9	4.2	20
119	Inverted methoxypyridinium phthalocyanines for PDI of pathogenic bacteria. *Photochemical and Photobiological Sciences*, **2015**, 14, 1853-63	4.2	30
118	Galactodendritic porphyrinic conjugates as new biomimetic catalysts for oxidation reactions. *Inorganic Chemistry*, **2015**, 54, 4382-93	5.1	26
117	Phosphonate appended porphyrins as versatile chemosensors for selective detection of trinitrotoluene. *Analytical Chemistry*, **2015**, 87, 4515-22	7.8	43
116	Photodynamic inactivation of bacteria: finding the effective targets. *Future Medicinal Chemistry*, **2015**, 7, 1221-4	4.1	75
115	Dual functionality of phosphonic-acid-appended phthalocyanines: inhibitors of urokinase plasminogen activator and anticancer photodynamic agents. *Chemical Communications*, **2015**, 51, 15550-3	5.8	22
114	New platinum(II)-bipyridyl corrole complexes: Synthesis, characterization and binding studies with DNA and HSA. *Journal of Inorganic Biochemistry*, **2015**, 153, 32-41	4.2	33
113	Synthesis and photophysical characterization of dimethylamine-derived Zn(II)phthalocyanines: exploring their potential as selective chemosensors for trinitrophenol. *Journal of Materials Chemistry C*, **2015**, 3, 1056-1067	7.1	33
112	Synthesis, characterization and biomolecule-binding properties of novel tetra-platinum(II)-thiopyridylporphyrins. *Dalton Transactions*, **2015**, 44, 530-8	4.3	27
111	Multidimensional transition metal complexes based on 3-amino-1H-1,2,4-triazole-5-carboxylic acid: from discrete mononuclear complexes to layered materials. *Molecules*, **2015**, 20, 12341-63	4.8	3
110	Utilizing Nearest-Neighbor Interactions To Alter Charge Transport Mechanisms in Molecular Assemblies of Porphyrins on Surfaces. *Journal of Physical Chemistry C*, **2015**, 119, 13569-13579	3.8	14

109	An insight into the gas-phase fragmentations of potential molecular sensors with porphyrin-chalcone structures. *International Journal of Mass Spectrometry*, **2015**, 392, 164-172	1.9	6
108	Antibodies armed with photosensitizers: from chemical synthesis to photobiological applications. *Organic and Biomolecular Chemistry*, **2015**, 13, 2518-29	3.9	45
107	Decorating graphene nanosheets with electron accepting pyridyl-phthalocyanines. *Nanoscale*, **2015**, 7, 5674-82	7.7	39
106	Crystal structure of 5-amino-4H-1,2,4-triazol-1-ium pyrazine-2-carboxyl-ate: an unexpected salt arising from the deca-rboxylation of both precursors. *Acta Crystallographica Section E: Crystallographic Communications*, **2015**, 71, 840-3	0.7	1
105	Influence of external bacterial structures on the efficiency of photodynamic inactivation by a cationic porphyrin. *Photochemical and Photobiological Sciences*, **2014**, 13, 680-90	4.2	81
104	Synthetic approaches to glycophthalocyanines. *Tetrahedron*, **2014**, 70, 2681-2698	2.4	23
103	An insight on bacterial cellular targets of photodynamic inactivation. *Future Medicinal Chemistry*, **2014**, 6, 141-64	4.1	168
102	New porphyrin derivatives for phosphate anion sensing in both organic and aqueous media. *Chemical Communications*, **2014**, 50, 1359-61	5.8	54
101	Multifunctional micro- and nanosized metal–organic frameworks assembled from bisphosphonates and lanthanides. *Journal of Materials Chemistry C*, **2014**, 2, 3311	7.1	40
100	Coordination polymers based on a glycine-derivative ligand. *CrystEngComm*, **2014**, 16, 8119-8137	3.3	5
99	Amphiphilic phthalocyanine-cyclodextrin conjugates for cancer photodynamic therapy. *Chemical Communications*, **2014**, 50, 8363-6	5.8	75
98	Photodynamic inactivation of bacterial and yeast biofilms with a cationic porphyrin. *Photochemistry and Photobiology*, **2014**, 90, 1387-96	3.6	78
97	Fast detection of nitroaromatics using phosphonate pyrene motifs as dual chemosensors. *Chemical Communications*, **2014**, 50, 9683-6	5.8	52
96	Photoluminescent layered lanthanide–organic framework based on a novel trifluorotriphosphonate organic linker. *CrystEngComm*, **2014**, 16, 344-358	3.3	18
95	Layered Metal–Organic Frameworks Based on Octahedral Lanthanides and a Phosphonate Linker: Control of Crystal Size. *Crystal Growth and Design*, **2014**, 14, 4873-4877	3.5	15
94	Porphyrin conjugated with serum albumins and monoclonal antibodies boosts efficiency in targeted destruction of human bladder cancer cells. *Organic and Biomolecular Chemistry*, **2014**, 12, 1804-11	3.9	37
93	Photodynamic inactivation of multidrug-resistant bacteria in hospital wastewaters: influence of residual antibiotics. *Photochemical and Photobiological Sciences*, **2014**, 13, 626-33	4.2	84
92	Supramolecular control of phthalocyanine dye aggregation. *Supramolecular Chemistry*, **2014**, 26, 642-647	1.8	10

91	Synthesis and Characterization of New Cross-like Porphyrin–Naphthalocyanine and Porphyrin–Phthalocyanine Pentads. *Journal of Heterocyclic Chemistry*, **2014**, 51, E202-E208	1.9	9
90	Octatosylaminophthalocyanine: A reusable chromogenic anion chemosensor. *Sensors and Actuators B: Chemical*, **2014**, 201, 387-394	8.5	19
89	Cationic porphyrins with inverted pyridinium groups and their fluorescence properties. *Tetrahedron Letters*, **2014**, 55, 4156-4159	2	12
88	A new insight on nanomagnet–porphyrin hybrids for photodynamic inactivation of microorganisms. *Dyes and Pigments*, **2014**, 110, 80-88	4.6	56
87	Concentration sensor based on a tilted fiber Bragg grating for anions monitoring. *Optical Fiber Technology*, **2014**, 20, 422-427	2.4	39
86	Galactodendritic phthalocyanine targets carbohydrate-binding proteins enhancing photodynamic therapy. *PLoS ONE*, **2014**, 9, e95529	3.7	39
85	Porphyrins and Phthalocyanines Decorated with Dendrimers: Synthesis and Biomedical Applications. *Current Organic Synthesis*, **2014**, 11, 110-126	1.9	58
84	Synthesis, characterization and electrochemical properties of meso-thiocarboxylate-substituted porphyrin derivatives. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 967-974	1.8	10
83	Synthesis of hexaphyrins and N-fused pentaphyrins bearing pyridin-4-ylsulfanyl groups. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 824-831	1.8	7
82	Metal-organic frameworks based on uranyl and phosphonate ligands. *Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials*, **2014**, 70, 28-36	1.8	13
81	Thermal stability of P3HT and P3HT:PCBM blends in the molten state. *Polymer Testing*, **2013**, 32, 1192-1201	2.5	38
80	Photodynamic oxidation of Staphylococcus warneri membrane phospholipids: new insights based on lipidomics. *Rapid Communications in Mass Spectrometry*, **2013**, 27, 1607-18	2.2	29
79	Facile synthesis of highly stable BF3-induced meso-tetrakis (4-sulfonato phenyl) porphyrin (TPPS4)-J-aggregates: structure, photophysical and electrochemical properties. *New Journal of Chemistry*, **2013**, 37, 3745	3.6	9
78	Glycophthalocyanines: structural differentiation and isomeric differentiation by matrix-assisted laser desorption/ionization tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2013**, 27, 1019-26	2.2	3
77	Involvement of type I and type II mechanisms on the photoinactivation of non-enveloped DNA and RNA bacteriophages. *Journal of Photochemistry and Photobiology B: Biology*, **2013**, 120, 10-6	6.7	32
76	Photodynamic oxidation of Escherichia coli membrane phospholipids: new insights based on lipidomics. *Rapid Communications in Mass Spectrometry*, **2013**, 27, 2717-28	2.2	39
75	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. *Journal of Materials Chemistry B*, **2013**, 1, 5429-5435	7.3	15
74	Structural Diversity of Lanthanum–Organic Frameworks Based on 1,4-Phenylenebis(methylene)diphosphonic Acid. *Crystal Growth and Design*, **2013**, 13, 543-560	3.5	19

73	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. *Chemical Communications*, **2013**, 49, 6400-2	5.8	46
72	Nucleic acid changes during photodynamic inactivation of bacteria by cationic porphyrins. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 4311-8	3.4	32
71	Cationic galactoporphyrin photosensitisers against UV-B resistant bacteria: oxidation of lipids and proteins by 1(O2). *Photochemical and Photobiological Sciences*, **2013**, 12, 262-71	4.2	24
70	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. *Journal of Mass Spectrometry*, **2013**, 48, 1357-65	2.2	18
69	Synthesis of a Rigid Fused Porphyrin-Phthalocyanine Hetero-Dyad with Two Different Metals. *Current Organic Chemistry*, **2013**, 17, 1103-1107	1.7	9
68	Phthalocyanine thio-pyridinium derivatives as antibacterial photosensitizers. *Photochemistry and Photobiology*, **2012**, 88, 537-47	3.6	53
67	Porphyrin-phthalocyanine/pyridylfullerene supramolecular assemblies. *Chemistry - A European Journal*, **2012**, 18, 3210-9	4.8	45
66	Charge and substituent effects on the stability of porphyrin/G-quadruplex adducts. *Journal of Mass Spectrometry*, **2012**, 47, 173-9	2.2	11
65	Photo-inactivation of Bacillus endospores: inter-specific variability of inactivation efficiency. *Microbiology and Immunology*, **2012**, 56, 692-9	2.7	17
64	Multi-functional metal□organic frameworks assembled from a tripodal organic linker. *Journal of Materials Chemistry*, **2012**, 22, 18354		48
63	Susceptibility of non-enveloped DNA- and RNA-type viruses to photodynamic inactivation. *Photochemical and Photobiological Sciences*, **2012**, 11, 1520-3	4.2	30
62	Comparative photodynamic inactivation of antibiotic resistant bacteria by first and second generation cationic photosensitizers. *Photochemical and Photobiological Sciences*, **2012**, 11, 1905-13	4.2	48
61	Cationic □vinyl substitutedmeso-tetraphenylporphyrins: synthesis and non-covalent interactions with a short poly(dGdC) duplex. *Journal of Porphyrins and Phthalocyanines*, **2012**, 16, 101-113	1.8	14
60	5-[4-(diethoxyphosphoryl)-2,3,5,6-tetrafluorophenyl]-10,15,20-tris(pentafluorophenyl)porphyrin. *Acta Crystallographica Section C: Crystal Structure Communications*, **2012**, 68, o104-7		2
59	Porphyrin and phthalocyanine glycodendritic conjugates: synthesis, photophysical and photochemical properties. *Chemical Communications*, **2012**, 48, 3608-10	5.8	80
58	Ligand design for functional metal-organic frameworks. *Chemical Society Reviews*, **2012**, 41, 1088-110	58.5	659
57	5-Amino-3-(4H-1,2,4-triazol-4-yl)-1H-1,2,4-triazole. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2700-1		2
56	Mechanisms of photodynamic inactivation of a gram-negative recombinant bioluminescent bacterium by cationic porphyrins. *Photochemical and Photobiological Sciences*, **2011**, 10, 1659-69	4.2	89

55	Photodynamic inactivation of Penicillium chrysogenum conidia by cationic porphyrins. *Photochemical and Photobiological Sciences*, **2011**, 10, 1735-43	4.2	66
54	Applicability of photodynamic antimicrobial chemotherapy as an alternative to inactivate fish pathogenic bacteria in aquaculture systems. *Photochemical and Photobiological Sciences*, **2011**, 10, 1691-700	4.2	30
53	Photodynamic antimicrobial chemotherapy in aquaculture: photoinactivation studies of Vibrio fischeri. *PLoS ONE*, **2011**, 6, e20970	3.7	57
52	Evaluation of resistance development and viability recovery by a non-enveloped virus after repeated cycles of aPDT. *Antiviral Research*, **2011**, 91, 278-82	10.8	71
51	Silica nanoparticles functionalized with porphyrins and analogs for biomedical studies. *Journal of Porphyrins and Phthalocyanines*, **2011**, 15, 517-533	1.8	49
50	5-Amino-1H-1,2,4-triazol-4-ium-3-carboxyl-ate hemihydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2073-4		5
49	1,1'-[(5-Hy-droxy-methyl-1,3-phenyl-ene)bis-(methyl-ene)]dipyridin-4(1H)-one monohydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o1859-60		
48	5,10,15,20-Tetra-kis(1-methyl-pyridinium-4-yl)porphyrin tetra-iodide tetra-hydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o3157-8		1
47	(R)-(1-Ammonio-eth-yl)phospho-nate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o2271-2		4
46	Trimethyl 2,2',2''-[1,3,5-triazine-2,4,6-tri-yltris-(aza-nedi-yl)]triacetate. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o3243-4		1
45	Functional cationic nanomagnet-porphyrin hybrids for the photoinactivation of microorganisms. *ACS Nano*, **2010**, 4, 7133-40	16.7	98
44	Synthesis and photophysical properties of thioglycosylated chlorins, isobacteriochlorins, and bacteriochlorins for bioimaging and diagnostics. *Bioconjugate Chemistry*, **2010**, 21, 2136-46	6.3	84
43	Antimicrobial photodynamic therapy: study of bacterial recovery viability and potential development of resistance after treatment. *Marine Drugs*, **2010**, 8, 91-105	6	282
42	Phthalocyanine blends improve bulk heterojunction solar cells. *Journal of the American Chemical Society*, **2010**, 132, 2552-4	16.4	95
41	Sewage bacteriophage inactivation by cationic porphyrins: influence of light parameters. *Photochemical and Photobiological Sciences*, **2010**, 9, 1126-33	4.2	62
40	Chain-dependent photocytotoxicity of tricationic porphyrin conjugates and related mechanisms of cell death in proliferating human skin keratinocytes. *Biochemical Pharmacology*, **2010**, 80, 1373-85	6	19
39	Charge effect on the photoinactivation of Gram-negative and Gram-positive bacteria by cationic meso-substituted porphyrins. *BMC Microbiology*, **2009**, 9, 70	4.5	151
38	Synthesis and differentiation of alpha- and beta-glycoporphyrin stereoisomers by electrospray tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2009**, 23, 3478-83	2.2	8

37	Porphyrin derivatives as photosensitizers for the inactivation of Bacillus cereus endospores. *Journal of Applied Microbiology*, **2009**, 106, 1986-95	4.7	70
36	Synthesis of water-soluble phthalocyanines bearing four or eight D-galactose units. *Carbohydrate Research*, **2009**, 344, 507-10	2.9	63
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28	Electrospray tandem mass spectrometry of beta-nitroalkenyl meso-tetraphenylporphyrins. *European Journal of Mass Spectrometry*, **2008**, 14, 49-59	1.1	6
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25	Synthesis of neutral and cationic tripyridylporphyrin-D-galactose conjugates and the photoinactivation of HSV-1. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 4705-13	3.4	45
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23	Characterization of isomeric cationic porphyrins with beta-pyrrolic substituents by electrospray mass spectrometry: the singular behavior of a potential virus photoinactivator. *Journal of the American Society for Mass Spectrometry*, **2007**, 18, 218-25	3.5	14
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21	Synthesis of novel N-linked porphyrin-phthalocyanine dyads. *Organic Letters*, **2007**, 9, 1557-60	6.2	57
20	Synthesis of Glycoporphyrins. *Topics in Heterocyclic Chemistry*, **2007**, 179-248	0.2	28

19	Synthesis and Photophysical Studies of New Porphyrin–Phthalocyanine Dyads with Hindered Rotation. *European Journal of Organic Chemistry*, **2006**, 2006, 257-267	3.2	50
18	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
17	Characterization of cationic glycoporphyrins by electrospray tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 3605-11	2.2	14
16	Synthesis and Diels–Alder reaction of a sapphyrin derivative. *Tetrahedron Letters*, **2006**, 47, 3131-3134	2	6
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12	Synthesis of cationic beta-vinyl substituted meso-tetraphenylporphyrins and their in vitro activity against herpes simplex virus type 1. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 3333-7	2.9	40
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10	Interactions of cationic porphyrins with double-stranded oligodeoxynucleotides: a study by electrospray ionisation mass spectrometry. *Journal of Mass Spectrometry*, **2005**, 40, 1439-47	2.2	19
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6	Structural characterization of glycoporphyrins by electrospray tandem mass spectrometry. *Journal of Mass Spectrometry*, **2004**, 39, 158-67	2.2	16
5	Synthesis and antibacterial activity of new poly-S-lysine-porphyrin conjugates. *Journal of Medicinal Chemistry*, **2004**, 47, 6649-52	8.3	136
4	Novel porphyrin–quinazoline conjugates via the Diels–Alder reaction. *Tetrahedron*, **2003**, 59, 7907-7913	2.4	3
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2	An efficient approach to the synthesis of tetrahydroquinazoline and cyclooctapyrimidine derivatives of meso-tetraphenylporphyrins. *Tetrahedron Letters*, **1997**, 38, 2753-2756	2	9

List of Publications

1	Porphyrinyl-type sugar derivatives: synthesis and biological applications. *Carbohydrate Chemistry*,	199-231	2018