

Maxwell J Crossley

List of Publications by Year in descending order

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244
papers

9,381
citations

30047

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86
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253
all docs

253
docs citations

253
times ranked

6919
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothermic singlet fission is hindered by excimer formation. <i>Nature Chemistry</i> , 2018, 10, 305-310.	6.6	130
2	A Structural Model of Nitro- α -Porphyrin Dyes Based on Spectroscopy and Density Functional Theory. <i>Journal of Computational Chemistry</i> , 2018, 39, 1129-1142.	1.5	7
3	Improved peroxide biosensor based on Horseradish Peroxidase/Carbon Nanotube on a thiol-modified gold electrode. <i>Enzyme and Microbial Technology</i> , 2018, 113, 67-74.	1.6	17
4	A new fundamental type of conformational isomerism. <i>Nature Chemistry</i> , 2018, 10, 615-624.	6.6	33
5	Time-resolved and temperature tuneable measurements of fluorescent intensity using a smartphone fluorimeter. <i>Analyst</i> , 2017, 142, 1953-1961.	1.7	26
6	Superoxide Radical Biosensor Based on a 3D Enzyme/Carbon Nanotube Conductive Networks. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5896-5899.	0.9	3
7	Fabrication of 3-dimensional Cross-linked Redox Enzyme/Nanomaterials. <i>Procedia Technology</i> , 2017, 27, 201-202.	1.1	1
8	A conductive crosslinked graphene/cytochrome c networks for the electrochemical and biosensing study. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2761-2767.	1.2	7
9	Conformation- α -Controlled Diplatinum(II)- α -Ferrocene Dyads to Achieve Long-Lived Charge-Separated States. <i>Chemistry - A European Journal</i> , 2016, 22, 11962-11966.	1.7	3
10	Synthetically tuneable biomimetic artificial photosynthetic reaction centres that closely resemble the natural system in purple bacteria. <i>Chemical Science</i> , 2016, 7, 6534-6550.	3.7	22
11	Nanofabrication of a Solid-State, Mesoporous Nanoparticle Composite for Efficient Photocatalytic Hydrogen Generation. <i>ChemPlusChem</i> , 2016, 81, 521-525.	1.3	9
12	From Chaos to Order: Chain-Length Dependence of the Free Energy of Formation of Meso-tetraalkylporphyrin Self-Assembled Monolayer Polymorphs. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1739-1748.	1.5	16
13	Increased upconversion performance for thin film solar cells: a trimolecular composition. <i>Chemical Science</i> , 2016, 7, 559-568.	3.7	78
14	Temperature Controlled Portable Smartphone Fluorimeter. , 2016, , .		4
15	A priori calculations of the free energy of formation from solution of polymorphic self-assembled monolayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6101-10.	3.3	42
16	Amino acid-linked porphyrin-nitroimidazole antibiotics targeting <i>Porphyromonas gingivalis</i> . <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 98-109.	1.5	13
17	Fabricating Nanoporous Silica Structure on D-Fibres through Room Temperature Self-Assembly. <i>Materials</i> , 2014, 7, 2356-2369.	1.3	3
18	Synthesis of Steroid- α -Porphyrin Conjugates from Oestradiol, Oestrone, and Lithocholic Acid. <i>Australian Journal of Chemistry</i> , 2014, 67, 1632.	0.5	4

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19	Nanostructuring of Self-Assembled Porphyrin Networks at a Solid/Liquid Interface: Local Manipulation under Global Control. <i>ChemPhysChem</i> , 2014, 15, 3484-3488.	1.0	12
20	Fluorescent bowl-shaped nanoparticles from "clicked" porphyrin-polymer conjugates. <i>Polymer Chemistry</i> , 2014, 5, 4016-4021.	1.9	30
21	Kinetic insight into bimolecular upconversion: experiment and simulation. <i>RSC Advances</i> , 2014, 4, 8059-8063.	1.7	16
22	Percolation Diffusion into Self-Assembled Mesoporous Silica Microfibres. <i>Nanomaterials</i> , 2014, 4, 157-174.	1.9	26
23	Tunable Self-Assembly of Triazole-Linked Porphyrin-Polymer Conjugates. <i>Chemistry - A European Journal</i> , 2013, 19, 12759-12770.	1.7	38
24	Room temperature sol-gel fabrication and functionalization for sensor applications. <i>Photonic Sensors</i> , 2013, 3, 168-177.	2.5	6
25	A multiscale simulation technique for molecular electronics: design of a directed self-assembled molecular-bit shift register memory device. <i>Nanotechnology</i> , 2013, 24, 505202.	1.3	2
26	Micro-optical design of photochemical upconverters for thin-film solar cells. <i>Journal of Photonics for Energy</i> , 2013, 3, 034598.	0.8	21
27	Nanostructured upconverters for improved solar cell performance. <i>Proceedings of SPIE</i> , 2013, , .	0.8	12
28	Polymorphism in porphyrin monolayers: the relation between adsorption configuration and molecular conformation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12451.	1.3	21
29	Gold(III) Porphyrins Containing Two, Three, or Four $\hat{2},\hat{2}$ -Fused Quinoxalines. Synthesis, Electrochemistry, and Effect of Structure and Acidity on Electroreduction Mechanism. <i>Inorganic Chemistry</i> , 2013, 52, 2474-2483.	1.9	23
30	Synthesis of a conductive network of crosslinked carbon nanotube/hemoglobin on a thiol-modified Au Surface and its application to biosensing. <i>Biosensors and Bioelectronics</i> , 2013, 42, 273-279.	5.3	35
31	Dye-Sensitized Solar Cell with Integrated Triplet-Triplet Annihilation Upconversion System. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2073-2078.	2.1	158
32	Highly ordered mesoporous silica microfibres produced by evaporative self-assembly and fracturing. <i>Optical Materials Express</i> , 2013, 3, 2028.	1.6	11
33	Exploring the room temperature self-assembly of silica nanoparticle layers on optical fibres. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
34	The nanostructure of silica microfibers fabricated by microfluidic self-assembly. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
35	A fluorescence study of self-assembled silica layers on D-shaped optical fibre. , 2013, , .		2
36	Room temperature self-assembly of silica nanoparticle layers on optical fibres. , 2013, , .		0

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37	An evaluation of the distribution of metal ions in otherwise uniform titania sol-gel layers designed for optical sensing using laser ablation inductive coupled plasma mass spectroscopy. , 2012, , .		0
38	Controlling the fabrication of self-assembled microwires from silica nanoparticles. , 2012, , .		0
39	Characterisation and functionalisation of cold-processed titania sol-gel layers on silica and silicate surfaces. <i>Optical Materials Express</i> , 2012, 2, 222.	1.6	0
40	Electrochemistry of mono- and bis-porphyrins containing a β -fused tetraazaanthracene group. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 674-684.	0.4	3
41	Fabrication of self-assembled microwires from silica nanoparticles for sensing. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
42	Improving the light-harvesting of second generation solar cells with photochemical upconversion. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
43	Sol-gel surface functionalisation by cold-processing for optical sensor applications. , 2012, , .		0
44	Long-lived long-distance photochemically induced spin-polarized charge separation in β -pyrrolic fused ferrocene-porphyrin-fullerene systems. <i>Chemical Science</i> , 2012, 3, 257-269.	3.7	88
45	Room temperature self-assembly of mixed nanoparticles into photonic structures. <i>Nature Communications</i> , 2012, 3, 1188.	5.8	51
46	Measurement of Rhodamine B absorption in self-assembled silica microwires using a Tablet as the optical source. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
47	Probing the electronic structure of β -fused quinoxalino porphyrins and tetraazaanthracene-bridged bis-porphyrins with resonance Raman spectroscopy and density functional theory. <i>Journal of Molecular Structure</i> , 2012, 1029, 187-198.	1.8	13
48	Efficiency Enhancement of Organic and Thin-Film Silicon Solar Cells with Photochemical Upconversion. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22794-22801.	1.5	167
49	Improving the light-harvesting of amorphous silicon solar cells with photochemical upconversion. <i>Energy and Environmental Science</i> , 2012, 5, 6953.	15.6	339
50	Photochemical Upconversion Enhanced Solar Cells: Effect of a Back Reflector. <i>Australian Journal of Chemistry</i> , 2012, 65, 480.	0.5	85
51	Synthesis and Ultrafast Excited-State Dynamics of Zinc and Palladium Triply Fused Diporphyrins. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7898-7905.	1.1	9
52	Photochemical Upconversion Applied to Organic and Thin Film Silicon Solar Cells. , 2012, , .		0
53	Little exchange at the liquid/solid interface: defect-mediated equilibration of physisorbed porphyrin monolayers. <i>Chemical Communications</i> , 2011, 47, 9666.	2.2	25
54	Two-photon triplet-triplet annihilation upconversion for photovoltaics. , 2011, , .		1

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55	Controlled fabrication of macroscopic mesostructured silica spheres for potential diagnostics and sensing applications. , 2011, , .		2
56	Controlled Templating of Porphyrins by a Molecular Command Layer. Langmuir, 2011, 27, 2644-2651.	1.6	20
57	Atomic-Resolution Kinked Structure of an Alkylporphyrin on Highly Ordered Pyrolytic Graphite. Journal of Physical Chemistry Letters, 2011, 2, 62-66.	2.1	21
58	Entropically Driven Photochemical Upconversion. Journal of Physical Chemistry A, 2011, 115, 1047-1053.	1.1	84
59	Photoinduced Electron Transfer and Charge-Recombination in 2-Ureido-4[1H]-Pyrimidinone Quadruple Hydrogen-Bonded Porphyrin@Fullerene Assemblies. Journal of Physical Chemistry C, 2011, 115, 23634-23641.	1.5	33
60	Multiple photosynthetic reaction centres composed of supramolecular assemblies of zinc porphyrin dendrimers with a fullerene acceptor. Chemical Communications, 2011, 47, 7980.	2.2	73
61	Singlet Oxygen Mediated Photochemical Upconversion of NIR Light. Journal of Physical Chemistry Letters, 2011, 2, 966-971.	2.1	55
62	An Efficient Fluorescence Sensor for Superoxide with an Acridinium Ion-Linked Porphyrin Triad. Journal of the American Chemical Society, 2011, 133, 11092-11095.	6.6	28
63	Unusual Multi-Step Sequential Au ^{III} /Au ^{II} Processes of Gold(III) Quinoxalinoporphyrins in Acidic Non-Aqueous Media. Inorganic Chemistry, 2011, 50, 12802-12809.	1.9	12
64	Porphyrin-doped sol-gel-lined structured optical fibers for local and remote sensing. Optics Letters, 2011, 36, 1975.	1.7	6
65	Manipulating and controlling the evanescent field within optical waveguides using high index nanolayers. Optical Materials Express, 2011, 1, 192.	1.6	17
66	Measurement of Fluorescence in a Rhodamine-123 Doped Self-Assembled @Giant@Mesostructured Silica Sphere Using a Smartphone as Optical Hardware. Sensors, 2011, 11, 7055-7062.	2.1	26
67	Spectroscopy of the Free Phenalenyl Radical. Journal of the American Chemical Society, 2011, 133, 14554-14557.	6.6	36
68	Self-assembly and nanotechnology within an optical fibre fFor improved evanescent field sensing. Proceedings of SPIE, 2011, , .	0.8	0
69	“Giant” self-assembled mesostructured silica sphere characterised using a doped fluorophore and an AMOLED mobile screen as the excitation source. , 2011, , .		0
70	Multiple photosynthetic reaction centers composed of supramolecular assemblies of a zinc porphyrin dendrimer with pyridynaphthalenediimide. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1292-1298.	0.4	10
71	Remote gaseous acid sensing within a porphyrin-doped TiO ₂ sol-gel layer inside a structured optical fibre. , 2010, , .		1
72	Enhancing absorption and sensitivity within structured optical fibres. , 2010, , .		0

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73	Liquid core fibre versus doped sol-gel layered structured fibre for chemical sensing. , 2010, , .		0
74	Synthesis, electrochemistry and spectroelectrochemistry of tetraundecylporphyrins in nonaqueous media. Journal of Porphyrins and Phthalocyanines, 2010, 14, 866-876.	0.4	9
75	Molecular approaches to third generation photovoltaics: photochemical up-conversion. , 2010, , .		5
76	Kinetic Analysis of Photochemical Upconversion by Triplet-Triplet Annihilation: Beyond Any Spin Statistical Limit. Journal of Physical Chemistry Letters, 2010, 1, 1795-1799.	2.1	248
77	On the efficiency limit of triplet-triplet annihilation for photochemical upconversion. Physical Chemistry Chemical Physics, 2010, 12, 66-71.	1.3	342
78	Appending zinc tetraphenylporphyrin with an amine receptor at β -pyrrolic carbon for designing a selective histamine chemosensor. Supramolecular Chemistry, 2010, 22, 122-129.	1.5	11
79	A porphyrin-hexa-peri-hexabenzocoronene-porphyrin triad: synthesis, photophysical properties and performance in a photovoltaic device. Journal of Materials Chemistry, 2010, 20, 7005.	6.7	60
80	Electrochemistry and Spectroelectrochemistry of β -Fused Quinoxalinoporphyrins and Related Extended Bis-porphyrins with Co(III), Co(II), and Co(I) Central Metal Ions. Inorganic Chemistry, 2010, 49, 1027-1038.	1.9	27
81	Evaluation of optical fiber microcell reactor for use in remote acid sensing. Optics Letters, 2010, 35, 817.	1.7	15
82	Self-assembled porphyrin microrods and observation of structure-induced iridescence. Journal of Materials Chemistry, 2010, 20, 2310.	6.7	9
83	Inline Remote Acid Sensing Using an Optical Fibre Porphyrin Micro-Cell Reactor. , 2010, , .		2
84	Porphyrin-assisted fabrication of silica mesostructured nanoparticle hosts for potential diagnostic and sensing applications. , 2010, , .		1
85	Processing waveguide photonic components into self-assembled organic films. , 2009, , .		0
86	STM studies of the self-assembly of manganese porphyrin catalysts at the Au(111)-tetradecane interface. New Journal of Physics, 2009, 11, 083011.	1.2	4
87	Focused ion beam processing and engineering of devices in self-assembled supramolecular structures. Nanotechnology, 2009, 20, 485301.	1.3	4
88	Change in the Site of Electron Transfer Reduction of a Zinc-Quinoxalinoporphyrin/Gold-Quinoxalinoporphyrin Dyad by Binding of Scandium Ions and the Resulting Remarkable Elongation of the Charge-Shifted State Lifetime. Chemistry - A European Journal, 2009, 15, 10493-10503.	1.7	24
89	Complete ^1H and ^{119}Sn NMR spectral assignment for an asymmetric di[dihydroxotin(IV)] bis-porphyrin supramolecular host and its corresponding tetraacetato complex. Magnetic Resonance in Chemistry, 2009, 47, 257-262.	1.1	7
90	Evanescent-Field Spectroscopy using Structured Optical Fibers: Detection of Charge-Transfer at the Porphyrin-Silica Interface. Journal of the American Chemical Society, 2009, 131, 2925-2933.	6.6	31

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91	Norbornadiene-Based Molecules for Functionalizing The Si(001) Surface. Journal of Physical Chemistry C, 2009, 113, 16094-16103.	1.5	4
92	Control of Photoinduced Charge Transfer Lifetimes in Porphyrin Arrays by Ligand Addition. Journal of Physical Chemistry C, 2009, 113, 11796-11804.	1.5	17
93	The photophysics of selectively metallated arrays of quinoxaline-fused tetraarylporphyrins. Physical Chemistry Chemical Physics, 2009, 11, 3478.	1.3	18
94	Efficient up-conversion by triplet-triplet annihilation. Journal of Physics: Conference Series, 2009, 185, 012002.	0.3	39
95	Expansion of the porphyrin π -system: stepwise annelation of porphyrin \hat{I}^2, \hat{I}^2 -pyrrolic faces leading to trisquinoxalinoporphyrin. New Journal of Chemistry, 2009, 33, 1076.	1.4	20
96	Porphyrin-linked nitroimidazole antibiotics targeting Porphyromonas gingivalis. Organic and Biomolecular Chemistry, 2009, 7, 2855.	1.5	15
97	Supramolecular porphyrin wires and post-processing. , 2009, , .		0
98	Regioselective Reactivity of an Asymmetric Tetravalent Di[dihydroxotin(IV)] Bisâ€Porphyrin Host Driven by Hydrogenâ€Bond Templatation. Chemistry - A European Journal, 2008, 14, 10967-10977.	1.7	15
99	Control of the site and potential of reduction and oxidation processes in π -expanded quinoxalinoporphyrins. Physical Chemistry Chemical Physics, 2008, 10, 268-280.	1.3	26
100	Molecular electronics inside optical fibres. , 2008, , .		2
101	Long self-assembled organic molecular optical wires. , 2008, , .		0
102	Construction of building blocks for extended porphyrin arrays by nitration of porphyrin-2,3-diones and quinoxalino[2,3-b]porphyrins. New Journal of Chemistry, 2008, 32, 340-352.	1.4	25
103	Control of the Orbital Delocalization and Implications for Molecular Rectification in the Radical Anions of Porphyrins with Coplanar 90° and 180° \hat{I}^2, \hat{I}^2 -Fused Extensions. Journal of Physical Chemistry A, 2008, 112, 556-570.	1.1	31
104	Androgynous Porphyrins. Silver(II) Quinoxalinoporphyrins Act as Both Good Electron Donors and Acceptors. Journal of the American Chemical Society, 2008, 130, 9451-9458.	6.6	35
105	Self-assembled photonic wires. , 2008, , .		0
106	A $\hat{\sim}$ Click $\hat{\sim}$ ™ Chemistry Route to $\hat{\sim}$ Capped $\hat{\sim}$ ™ Porphyrins. Synlett, 2008, 2008, 2147-2149.	1.0	3
107	Merging porphyrins and structured optical fibres: future technology for chemical sensors. Proceedings of SPIE, 2008, , .	0.8	1
108	Control of the site and potential of reduction and oxidation processes in π -expanded quinoxalinoporphyrins. Physical Chemistry Chemical Physics, 2008, 10, 268-80.	1.3	2

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109	Cavity effect amplification in the recognition of dicarboxylic acids by initial ditopic H-bond formation followed by kinetic trapping. <i>Chemical Communications</i> , 2007, , 225-227.	2.2	23
110	Understanding and Improving Solid-State Polymer/C60-Fullerene Bulk-Heterojunction Solar Cells Using Ternary Porphyrin Blends. <i>Journal of Physical Chemistry C</i> , 2007, 111, 15415-15426.	1.5	72
111	Pyromellitimide Aggregates and Their Response to Anion Stimuli. <i>Journal of the American Chemical Society</i> , 2007, 129, 7155-7162.	6.6	93
112	Photoinduced electron transfer in a β , β -pyrrolic fused ferrocene-(zinc porphyrin)-fullerene. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 5260.	1.3	78
113	Quinoxalino[2,3- <i>b</i>]porphyrins Behave as π -Expanded Porphyrins upon One-Electron Reduction: Broad Control of the Degree of Delocalization through Substitution at the Macrocycle Periphery. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8762-8774.	1.2	54
114	Porphyrin-Diones and Porphyrin-Tetraones: Reversible Redox Units Being Localized within the Porphyrin Macrocycle and Their Effect on Tautomerism. <i>Journal of the American Chemical Society</i> , 2007, 129, 6576-6588.	6.6	29
115	Effect of Axial Ligands and Macrocyclic Structure on Redox Potentials and Electron-Transfer Mechanisms of Sn(IV) Porphyrins. <i>Inorganic Chemistry</i> , 2007, 46, 10840-10849.	1.9	27
116	Chemisorbed and Physisorbed Structures for 1,10-Phenanthroline and Dipyrido[3,2- <i>a</i> :1',3'- <i>c</i>]phenazine on Au(111). <i>Journal of Physical Chemistry C</i> , 2007, 111, 17285-17296.	1.5	25
117	Structural Induced Control of Energy Transfer within Zn(II)-Porphyrin Dendrimers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10589-10597.	1.1	32
118	Real-time single-molecule imaging of oxidation catalysis at a liquid-solid interface. <i>Nature Nanotechnology</i> , 2007, 2, 285-289.	15.6	189
119	A strategy for the stepwise ring annulation of all four pyrrolic rings of a porphyrin. <i>Chemical Communications</i> , 2007, , 4851.	2.2	50
120	Spectroelectrochemical evidence for communication within a laterally-bridged dimanganese(III) bis-porphyrin. <i>Dalton Transactions</i> , 2006, , 4805.	1.6	9
121	Electrochemical studies of porphyrin-appended dendrimers. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 2058.	1.3	23
122	Water-soluble porphyrin detection in a pure-silica photonic crystal fiber. <i>Optics Letters</i> , 2006, 31, 2100.	1.7	30
123	Density Functional Theory for Charge Transfer: The Nature of the N-Bands of Porphyrins and Chlorophylls Revealed through CAM-B3LYP, CASPT2, and SAC-CI Calculations. <i>Journal of Physical Chemistry B</i> , 2006, 110, 15624-15632.	1.2	315
124	Photoinduced electron-transfer dynamics and long-lived CS states of donor-acceptor linked dyads and a triad containing a gold porphyrin in nonpolar solvents. <i>Chemical Physics</i> , 2006, 326, 3-14.	0.9	56
125	Solvent induced control of energy transfer within Zn(II)-porphyrin dendrimers. <i>Chemical Physics Letters</i> , 2006, 433, 159-164.	1.2	16
126	Scanning Tunneling Microscopy and Spectroscopy Studies of Porphyrins at Solid-Liquid Interfaces. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 1953-1955.	0.8	20

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127	Energy Transfer Dynamics in Zn-Porphyrin-Appended Dendrimers. , 2006, , 113-117.		0
128	Energy transfer and conformational dynamics in Zn ²⁺ porphyrin dendrimers. Chemical Physics Letters, 2005, 403, 205-210.	1.2	33
129	Electrochemical and spectroelectrochemical properties of building blocks for molecular arrays: reactions of quinoxalino[2,3-b]porphyrins containing metal(II) ions. Journal of Porphyrins and Phthalocyanines, 2005, 09, 142-151.	0.4	18
130	Energy Transfer within Zn-Porphyrin Dendrimers: Study of the Singlet-Singlet Annihilation Kinetics. Journal of Physical Chemistry A, 2005, 109, 10654-10662.	1.1	63
131	Chemical models for aspects of the photosynthetic reaction centre: synthesis and photophysical properties of tris- and tetrakis-porphyrins that resemble the arrangement of chromophores in the natural system. Organic and Biomolecular Chemistry, 2005, 3, 852.	1.5	54
132	Targeting of a key pathogen in a polymicrobial infection. Microbiology Australia, 2005, 26, 122.	0.1	1
133	An azanorbornadiene anchor for molecular-level construction on silicon(100). Nanotechnology, 2004, 15, 324-332.	1.3	22
134	Molecular Electronics: From Basic Chemical Principles to Photosynthesis to Steady-State Through-Molecule Conductivity to Computer Architectures. Australian Journal of Chemistry, 2004, 57, 1133.	0.5	14
135	Supramolecular Photovoltaic Cells Using Porphyrin Dendrimers and Fullerene. Advanced Materials, 2004, 16, 975-979.	11.1	150
136	Substituent Effects on the Site of Electron Transfer during the First Reduction for Gold(III) Porphyrins. Inorganic Chemistry, 2004, 43, 2078-2086.	1.9	56
137	π-Complex formation in electron-transfer reactions of porphyrins. Journal of Porphyrins and Phthalocyanines, 2004, 08, 191-200.	0.4	11
138	Supramolecular Photovoltaic Cells Based on Composite Molecular Nanoclusters: A Dendritic Porphyrin and C60, Porphyrin Dimer and C60, and Porphyrin-C60Dyad. Journal of Physical Chemistry B, 2004, 108, 12865-12872.	1.2	153
139	Energy transfer in light-harvesting Zn porphyrin dendrimers. , 2004, , 495-498.		2
140	The synthesis and studies towards the self-replication of bis(capped porphyrins). Organic and Biomolecular Chemistry, 2003, 1, 1216-1225.	1.5	15
141	Metal-Centered Photoinduced Electron Transfer Reduction of a Gold(III) Porphyrin Cation Linked with a Zinc Porphyrin to Produce a Long-Lived Charge-Separated State in Nonpolar Solvents. Journal of the American Chemical Society, 2003, 125, 14984-14985.	6.6	105
142	Long-Lived Charge-Separated State Produced by Photoinduced Electron Transfer in a Zinc Imidazoporphyrin-C60Dyad. Organic Letters, 2003, 5, 2719-2721.	2.4	96
143	Synthesis and physical properties of biquinoxalinylyl bridged bis-porphyrins: models for aspects of Photosynthetic Reaction Centres. Organic and Biomolecular Chemistry, 2003, 1, 2777.	1.5	41
144	Porphyrin-Mediated Cell Surface Heme Capture from Hemoglobin by Porphyromonas gingivalis. Journal of Bacteriology, 2003, 185, 2528-2537.	1.0	42

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145	The Cornforth Foundation for Chemistry. Australian Journal of Chemistry, 2003, 56, 727.	0.5	0
146	Structural requirements for recognition of essential porphyrin by <i>Porphyromonas gingivalis</i> . Journal of Porphyrins and Phthalocyanines, 2002, 06, 774-782.	0.4	3
147	Inter-porphyrin coupling: how strong should it be for molecular electronics applications?. Journal of Porphyrins and Phthalocyanines, 2002, 06, 795-805.	0.4	52
148	Switchable Electronic Coupling in Model Oligoporphyrin Molecular Wires Examined through the Measurement and Assignment of Electronic Absorption Spectra. Journal of the American Chemical Society, 2002, 124, 9299-9309.	6.6	106
149	Laterally-extended porphyrin systems incorporating a switchable unit Electronic supplementary information (ESI) available: experimental procedures and characterization of compounds. See http://www.rsc.org/suppdata/cc/b1/b111655j/ . Chemical Communications, 2002, , 1122-1123.	2.2	143
150	Efficient synthesis of free-base 2-formyl-5,10,15,20-tetraarylporphyrins, their reduction and conversion to [(porphyrin-2-yl)methyl]phosphonium salts. Journal of Porphyrins and Phthalocyanines, 2002, 06, 708-719.	0.4	61
151	Reaction of 5-nitro-octaethylporphyrins with nucleophiles. Journal of Porphyrins and Phthalocyanines, 2002, 06, 685-694.	0.4	22
152	Evidence that gold(III) porphyrins are not electrochemically inert: facile generation of gold(II) 5,10,15,20-tetrakis(3,5-di-tert-butylphenyl)porphyrin. Chemical Communications, 2002, , 356-357.	2.2	45
153	Assignment of Stereochemistry of Facially Protected Bis-porphyrins by Use of a "Molecular Ruler": Angewandte Chemie - International Edition, 2002, 41, 1709-1712.	7.2	51
154	Efficient formation of lipophilic dihydroxotin(IV) porphyrins and bis-porphyrins. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2294-2302.	1.3	70
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156	The Dynamics of Electronic Energy Transfer in Novel Multiporphyrin Functionalized Dendrimers: A Time-Resolved Fluorescence Anisotropy Study. Journal of Physical Chemistry B, 2000, 104, 2596-2606.	1.2	203
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