

# Pall Thordarson

## List of Publications by Year in descending order

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155  
papers

10,787  
citations

81434

41  
h-index

36203

101  
g-index

175  
all docs

175  
docs citations

175  
times ranked

18074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofunctionality with a twist: the importance of molecular organisation, handedness and configuration in synthetic biomaterial design. <i>Chemical Society Reviews</i> , 2022, 51, 28-42.	18.7	11
2	Lanthanide-based $\beta$ -Tricalcium Phosphate Upconversion Nanoparticles as an Effective Theranostic Nonviral Vectors for Image-Guided Gene Therapy. <i>Nanotheranostics</i> , 2022, 6, 306-321.	2.7	1
3	Skin protective and regenerative effects of RM191A, a novel superoxide dismutase mimetic. <i>Redox Biology</i> , 2021, 38, 101790.	3.9	6
4	Ultra-Low Molecular Weight Photoswitchable Hydrogelators. <i>Angewandte Chemie</i> , 2021, 133, 6838-6844.	1.6	8
5	Ultra-Low Molecular Weight Photoswitchable Hydrogelators. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6764-6770.	7.2	30
6	Evaluation of rheological behaviour of flowable dental composites reinforced with low aspect ratio micro-sized glass fibres. <i>Dental Materials</i> , 2021, 37, 131-142.	1.6	10
7	A dendronised polymer architecture breaks the conventional inverse relationship between porosity and mechanical properties of hydrogels. <i>Chemical Communications</i> , 2021, 57, 773-776.	2.2	7
8	Dual-peptide functionalized nanoparticles for therapeutic use. <i>Peptide Science</i> , 2021, 113, e24205.	1.0	3
9	Double tailed scorpion-type calix[10]phyrin: Synthesis and proton-driven anion recognition features. <i>Tetrahedron</i> , 2021, 89, 132157.	1.0	1
10	Singlet Fission in Concentrated TIPS-Pentacene Solutions: The Role of Excimers and Aggregates. <i>Journal of the American Chemical Society</i> , 2021, 143, 13749-13758.	6.6	22
11	Identification of Novel Medulloblastoma Cell-Targeting Peptides for Use in Selective Chemotherapy Drug Delivery. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2181-2193.	2.9	18
12	Decoupling the effects of hydrophilic and hydrophobic moieties at the neuron-nanofibre interface. <i>Chemical Science</i> , 2020, 11, 1375-1382.	3.7	6
13	The Role of Fiber Agglomeration in Formation of Perylene-Based Fiber Networks. <i>Cell Reports Physical Science</i> , 2020, 1, 100148.	2.8	8
14	A liposome-micelle-hybrid (LMH) oral delivery system for poorly water-soluble drugs: Enhancing solubilisation and intestinal transport. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 338-347.	2.0	23
15	A Diverse View of Science to Catalyse Change. <i>Journal of the American Chemical Society</i> , 2020, 142, 14393-14396.	6.6	12
16	A diverse view of science to catalyse change. <i>Nature Chemistry</i> , 2020, 12, 773-776.	6.6	18
17	A diverse view of science to catalyse change. <i>Chemical Science</i> , 2020, 11, 9043-9047.	3.7	4
18	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie</i> , 2020, 132, 18462-18466.	1.6	2

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19	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18306-18310.	7.2	7
20	Synthesis, spectrophotometric and DFT studies of new Triazole Schiff bases as selective naked-eye sensors for acetate anion. <i>Supramolecular Chemistry</i> , 2020, 32, 519-526.	1.5	66
21	Modulating the Selectivity and Stealth Properties of Ellipsoidal Polymersomes through a Multivalent Peptide Ligand Display. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000261.	3.9	11
22	Effect of polar amino acid incorporation on Fmoc-diphenylalanine-based tetrapeptides. <i>Soft Matter</i> , 2020, 16, 4800-4805.	1.2	5
23	Non-reversible heat-induced gelation of a biocompatible Fmoc-hexapeptide in water. <i>Nanoscale</i> , 2020, 12, 8262-8267.	2.8	10
24	Beyond Fmoc: a review of aromatic peptide capping groups. <i>Journal of Materials Chemistry B</i> , 2020, 8, 863-877.	2.9	53
25	Anthranilamide-based Short Peptides Self-Assembled Hydrogels as Antibacterial Agents. <i>Scientific Reports</i> , 2020, 10, 770.	1.6	26
26	The importance of reflecting on treatment and post-treatment care when assessing the social aspects of cosmetic nanomedicine and transdermal delivery system. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102214.	1.7	1
27	Unraveling the Self-Assembly Modes in Multicomponent Supramolecular Gels Using Single-Crystal X-ray Diffraction. <i>Chemistry of Materials</i> , 2020, 32, 3517-3527.	3.2	21
28	The correlations between structure, rheology, and cell growth in peptide-based multicomponent hydrogels. <i>Polymer Journal</i> , 2020, 52, 947-957.	1.3	12
29	A diverse view of science to catalyse change: valuing diversity leads to scientific excellence, the progress of science and, most importantly, it is simply the right thing to do. We must value diversity not only in words, but also in actions. <i>Canadian Journal of Chemistry</i> , 2020, 98, 597-600.	0.6	2
30	Confining Photoacidity. <i>CheM</i> , 2019, 5, 1366-1368.	5.8	3
31	Oligomer Electrolytes for Light-Emitting Electrochemical Cells: Influence of the End Groups on Ion Coordination, Ion Binding, and Turn-on Kinetics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 40372-40381.	4.0	7
32	Energy Transfer to Ni-Amine Complexes in Dual Catalytic, Light-Driven C–N Cross-Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 19479-19486.	6.6	118
33	Faceted polymersomes: a sphere-to-polyhedron shape transformation. <i>Chemical Science</i> , 2019, 10, 2725-2731.	3.7	29
34	Non-spherical polymersomes: formation and characterization. <i>Chemical Society Reviews</i> , 2019, 48, 4019-4035.	18.7	61
35	Understanding the performance of a paper-based UV exposure sensor: The photodegradation mechanism of brilliant blue FCF in the presence of TiO <sub>2</sub> photocatalysts in both the solid state and solution. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1076-1083.	0.7	3
36	Multivalency in Drug Delivery—When Is It Too Much of a Good Thing?. <i>Bioconjugate Chemistry</i> , 2019, 30, 503-514.	1.8	54

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37	Gel and Solid State Structure of Dialanine and Diphenylalanine Amphiphiles: Importance of C $\alpha$ -H Interactions in Gelation. <i>ChemPhysChem</i> , 2019, 20, 972-983.	1.0	17
38	AAAA-DDDD Quadruple H-Bond-Assisted Ionic Interactions: Robust Bis(guanidinium)/Dicarboxylate Heteroduplexes in Water. <i>Journal of the American Chemical Society</i> , 2019, 141, 20146-20154.	6.6	17
39	Interaction of Nucleotides with a Trinuclear Terbium(III)-Zinc(II) Complex: Efficient Sensitization of Terbium Luminescence by Guanosine Monophosphate and Application to Real-Time Monitoring of Phosphodiesterase Activity. <i>Inorganic Chemistry</i> , 2019, 58, 495-505.	1.9	13
40	Competing Energy Transfer Pathways in a Five-Chromophore Perylene Array. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13937-13943.	1.5	11
41	Kinetically Controlled Lifetimes in Redox-Responsive Transient Supramolecular Hydrogels. <i>Journal of the American Chemical Society</i> , 2018, 140, 2869-2874.	6.6	117
42	Design, Synthesis, and Evaluation of N- and C-Terminal Protein Bioconjugates as G Protein-Coupled Receptor Agonists. <i>Bioconjugate Chemistry</i> , 2018, 29, 403-409.	1.8	1
43	Engineering Biocompatible Scaffolds through the Design of Elastin-Based Short Peptides. <i>ChemPlusChem</i> , 2018, 83, 47-52.	1.3	8
44	Characterization of Iron Core-Gold Shell Nanoparticles for Anti-Cancer Treatments: Chemical and Structural Transformations During Storage and Use. <i>Materials</i> , 2018, 11, 2572.	1.3	14
45	Enhanced Mechanical and Thermal Strength in Mixed-Enantiomers-Based Supramolecular Gel. <i>Langmuir</i> , 2018, 34, 12957-12967.	1.6	25
46	Minimum information reporting in bio-nano experimental literature. <i>Nature Nanotechnology</i> , 2018, 13, 777-785.	15.6	455
47	Glyoxylamide-based self-assembly hydrogels for sustained ciprofloxacin delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6089-6098.	2.9	16
48	Peptide Nanofiber Substrates for Long-Term Culturing of Primary Neurons. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25127-25134.	4.0	16
49	Investigating the Impact of Altered Subunit Expression on Sweet Taste Receptor Surface Trafficking and Signaling. <i>FASEB Journal</i> , 2018, 32, 685.2.	0.2	0
50	The Use of Hydrogels as Biomimetic Materials for 3D Cell Cultures. <i>Australian Journal of Chemistry</i> , 2017, 70, 1.	0.5	6
51	Cooperative Subunit Refolding of a Light-Harvesting Protein through a Self-Chaperone Mechanism. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8384-8388.	7.2	9
52	Colloidal silicon quantum dots: from preparation to the modification of self-assembled monolayers for bioimaging and sensing applications. , 2017, , .		3
53	Cyclic peptide unguisin A is an anion receptor with high affinity for phosphate and pyrophosphate. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2962-2967.	1.5	19
54	An improved process for the production of highly purified recombinant thaumatin tagged-variants. <i>Food Chemistry</i> , 2017, 237, 825-832.	4.2	22

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55	Cooperative Subunit Refolding of a Light-Harvesting Protein through a Self-Chaperone Mechanism. <i>Angewandte Chemie</i> , 2017, 129, 8504-8508.	1.6	3
56	Assessing cooperativity in supramolecular systems. <i>Chemical Society Reviews</i> , 2017, 46, 2622-2637.	18.7	197
57	A Peptide Amphiphile Organogelator of Polar Organic Solvents. <i>Scientific Reports</i> , 2017, 7, 43668.	1.6	6
58	Controlling self-assembly of diphenylalanine peptides at high pH using heterocyclic capping groups. <i>Scientific Reports</i> , 2017, 7, 43947.	1.6	46
59	Choice of Capping Group in Tripeptide Hydrogels Influences Viability in the Three-Dimensional Cell Culture of Tumor Spheroids. <i>ChemPlusChem</i> , 2017, 82, 383-389.	1.3	19
60	Formation of non-spherical polymersomes driven by hydrophobic directional aromatic perylene interactions. <i>Nature Communications</i> , 2017, 8, 1240.	5.8	76
61	Polymersomes as protocellular constructs. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3817-3825.	2.5	30
62	Tuning hydrogels through metal-based gelation triggers. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9412-9417.	2.9	18
63	Design, synthesis, and characterisation of glyoxylamide-based short peptides as self-assembled gels. <i>New Journal of Chemistry</i> , 2017, 41, 13462-13471.	1.4	9
64	Protease sensing using nontoxic silicon quantum dots. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	13
65	23rd IUPAC Conference on Physical Organic Chemistry (ICPOC-23). <i>Pure and Applied Chemistry</i> , 2017, 89, 677-677.	0.9	0
66	Scanning Electrochemical Microscopy of Cytochrome c Peroxidase through the Orientation-Controlled Immobilisation of Cytochrome c. <i>ChemElectroChem</i> , 2016, 3, 1150-1156.	1.7	3
67	Limitations and design considerations for donor-acceptor systems in luminescent solar concentrators: the effect of coupling-induced red-edge absorption. <i>Journal of Optics (United Kingdom)</i> 17, 074001.	1.0	10
68	Halogen bonding influences perylene-core twists in non-core substituted perylene tetraesters. <i>CrystEngComm</i> , 2016, 18, 4513-4517.	1.3	7
69	Polymersomes with Asymmetric Membranes Based on Readily Accessible Di- and Triblock Copolymers Synthesized via SET-LRP. <i>ACS Macro Letters</i> , 2016, 5, 1172-1175.	2.3	25
70	The death of the Job plot, transparency, open science and online tools, uncertainty estimation methods and other developments in supramolecular chemistry data analysis. <i>Chemical Communications</i> , 2016, 52, 12792-12805.	2.2	634
71	Synthesis of Protein Bioconjugates & via Cysteine-maleimide Chemistry. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	5
72	Capturing ultrafast spectral evolution with transient grating photoluminescence spectroscopy. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0

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73	A Capped Dipeptide Which Simultaneously Exhibits Gelation and Crystallization Behavior. <i>Langmuir</i> , 2016, 32, 2245-2250.	1.6	30
74	Effect of heterocyclic capping groups on the self-assembly of a dipeptide hydrogel. <i>Soft Matter</i> , 2016, 12, 2700-2707.	1.2	37
75	Quantifying highly efficient incoherent energy transfer in perylene-based multichromophore arrays. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1712-1719.	1.3	20
76	A Double-Cavity-Containing Porphyrin Host as a Highly Stable Epoxidation Catalyst. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5246-5253.	1.2	16
77	Functional Organic Semiconductors Assembled via Natural Aggregating Peptides. <i>Advanced Functional Materials</i> , 2015, 25, 5640-5649.	7.8	56
78	Biocompatible small peptide super-hydrogelators bearing carbazole functionalities. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2277-2280.	2.9	37
79	Polysomes Prepared from Thermoresponsive Fluorescent Protein—Polymer Bioconjugates: Capture of and Report on Drug and Protein Payloads. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5317-5322.	7.2	93
80	Unravelling the interaction between $\beta$ -cyclodextrin with the thaumatin protein and a peptide mimic. <i>Supramolecular Chemistry</i> , 2015, 27, 414-419.	1.5	6
81	Supramolecular host-guest complexation of Lash's calix[4]azulene with tetraalkylammonium halides and tetrafluoroborate salts: binding and DFT computational studies. <i>RSC Advances</i> , 2015, 5, 54848-54852.	1.7	14
82	Step-by-step DFT analysis of the cooperativity in the binding of cations and anions to a tetratopic ion-pairing host. <i>Supramolecular Chemistry</i> , 2015, 27, 829-839.	1.5	4
83	Redox- and pH-Responsive Orthogonal Supramolecular Self-Assembly: An Ensemble Displaying Molecular Switching Characteristics. <i>Journal of the American Chemical Society</i> , 2015, 137, 16038-16042.	6.6	74
84	Chiral effects in peptide-substituted perylene imide nanofibres. <i>Supramolecular Chemistry</i> , 2015, 27, 746-756.	1.5	5
85	Macromolecular crowding and hydrophobic effects on Fmoc-diphenylalanine hydrogel formation in PEG-water mixtures. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9269-9276.	2.9	18
86	Dissolution and degradation of Fmoc-diphenylalanine self-assembled gels results in necrosis at high concentrations in vitro. <i>Biomaterials Science</i> , 2015, 3, 298-307.	2.6	70
87	Cooperativity and Complexity in the Binding of Anions and Cations to a Tetratopic Ion-Pair Host. <i>Journal of the American Chemical Society</i> , 2014, 136, 7505-7516.	6.6	113
88	Macrocyclic Bis(phenanthroline-pyrrole): A Convenient One-Pot Synthesis, Structure(s), Spectroscopic, and Redox Properties, and the Binding of Amine Guests, Protons, and Lanthanide Ions. <i>Chemistry - an Asian Journal</i> , 2014, 9, 136-145.	1.7	13
89	Small Angle Neutron Scattering (SANS) Studies on the Structural Evolution of Pyromellitimide Self-Assembled Gels. <i>Langmuir</i> , 2014, 30, 13987-13993.	1.6	9
90	Exceptionally strong hydrogels through self-assembly of an indole-capped dipeptide. <i>Chemical Communications</i> , 2014, 50, 15541-15544.	2.2	52

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91	One-Pot Synthesis of High Molecular Weight Synthetic Heteroprotein Dimers Driven by Charge Complementarity Electrostatic Interactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 9594-9602.	1.7	13
92	Quantum Coherence and its Impact on Biomimetic Light-Harvesting. <i>Australian Journal of Chemistry</i> , 2014, 67, 729.	0.5	2
93	Thermodynamic Factors Impacting the Peptide-Driven Self-Assembly of Perylene Diimide Nanofibers. <i>Journal of Physical Chemistry B</i> , 2014, 118, 8642-8651.	1.2	50
94	Novel colorimetric anion sensors based on N-acetylglyoxylic amides containing nitrophenyl signalling units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 662-669.	2.0	10
95	The impact of antibody/epitope affinity strength on the sensitivity of electrochemical immunosensors for detecting small molecules. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3889-3898.	1.9	13
96	Self-assembled light-driven photosynthetic-respiratory electron transport chain hybrid proton pump. <i>Chemical Science</i> , 2013, 4, 3833.	3.7	23
97	Synthesis of per-deuterated alkyl amines for the preparation of deuterated organic pyromellitimide gelators. <i>Tetrahedron Letters</i> , 2013, 54, 2538-2541.	0.7	12
98	Optimising the synthesis, polymer membrane encapsulation and photoreduction performance of Ru(ii)- and Ir(iii)-bis(terpyridine) cytochrome c bioconjugates. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4602.	1.5	22
99	Synthesis and Luminescence Properties of Iridium(III) Azide- and Triazole-Bisterpyridine Complexes. <i>Molecules</i> , 2013, 18, 8959-8975.	1.7	9
100	The anticancer properties of iron core&ndash;gold shell nanoparticles in colorectal cancer cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 3321.	3.3	25
101	Highly Sheared Anti-Parallel Dipolar Carbonyl&ndash;Carbonyl Interaction in the Crystal Packing of Strapped Crown-3-Pyromellitimide. <i>Australian Journal of Chemistry</i> , 2012, 65, 1384.	0.5	4
102	Determining binding constants from <sup>1</sup> H NMR titration data using global and local methods: a case study using [C <sub>10</sub> ]polynorbornane-based anion hosts. <i>Supramolecular Chemistry</i> , 2012, 24, 585-594.	1.5	70
103	Studies on the Effect of Solvents on Self-Assembled Monolayers Formed from Organophosphonic Acids on Indium Tin Oxide. <i>Langmuir</i> , 2012, 28, 9487-9495.	1.6	64
104	Porphyrim dyads linked by a rotatable 3,3'-biphenyl scaffold: a new binding motif for small ditopic molecules. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6045.	1.5	12
105	Induced polymersome formation from a diblock PS-b-PAA polymer via encapsulation of positively charged proteins and peptides. <i>Chemical Communications</i> , 2011, 47, 6314.	2.2	22
106	Photophysical properties of a new series of water soluble iridium bisterpyridine complexes functionalised at the 4-position. <i>Dalton Transactions</i> , 2011, 40, 2053.	1.6	37
107	Tin(IV) porphyrin functionalization of electrochemically active fluoride-doped tin-oxide (FTO) via Huisgen [3+2] click chemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 75-82.	0.4	6
108	The structure and luminescence properties of europium(iii) triflate doped self-assembled pyromellitimide gels. <i>New Journal of Chemistry</i> , 2011, 35, 1466.	1.4	16

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109	Structural, electrochemical and photochemical investigation of the water-soluble tin(IV) tetrakis(2-N-hydroxyethyl-4-pyridinium)porphyrin photocatalyst. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1345-1353.	0.4	8
110	Determining association constants from titration experiments in supramolecular chemistry. <i>Chemical Society Reviews</i> , 2011, 40, 1305-1323.	18.7	1,784
111	Light-activated Bioconjugate Complexes. <i>RSC Energy and Environment Series</i> , 2011, , 426-447.	0.2	0
112	Self-Assembled Gels for Biomedical Applications. <i>Chemistry - an Asian Journal</i> , 2011, 6, 30-42.	1.7	107
113	Cancer-cell-specific cytotoxicity of non-oxidized iron elements in iron core-gold shell NPs. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 420-427.	1.7	66
114	Graphene and Related Materials in Electrochemical Sensing. <i>Electroanalysis</i> , 2011, 23, 803-826.	1.5	256
115	The selective growth inhibition of oral cancer by iron core-gold shell nanoparticles through mitochondria-mediated autophagy. <i>Biomaterials</i> , 2011, 32, 4565-4573.	5.7	145
116	Carbon Nanomaterials in Biosensors: Should You Use Nanotubes or Graphene?. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2114-2138.	7.2	1,301
117	Electroactive self-assembling hydrogels for flexible display technology. , 2010, , .		1
118	Synthesis and room temperature photo-induced electron transfer in biologically active bis(terpyridine)ruthenium(ii)-cytochrome c bioconjugates and the effect of solvents on the bioconjugation of cytochrome c. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 151-162.	1.5	19
119	Formation of tin(IV) protoporphyrin reconstituted myoglobin and its stability toward light. , 2010, , .		1
120	Self-assembling electroactive hydrogels for flexible display technology. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 494105.	0.7	4
121	Synthesis and self-assembly of thiol appended terpyridines on gold. , 2010, , .		0
122	Gram-scale production of graphene based on solvothermal synthesis and sonication. <i>Nature Nanotechnology</i> , 2009, 4, 30-33.	15.6	1,019
123	Pyromellitimide Gelators: Exponential Rate of Aggregation, Hierarchical Assembly, and Their Viscoelastic Response to Anions. <i>Langmuir</i> , 2009, 25, 8586-8592.	1.6	20
124	The Effect of Unsaturation on the Formation of Self-Assembled Gels from Fatty Acid L-Serine Amides and their Cytotoxicity Towards Caco-2 Cancer Cells. <i>Australian Journal of Chemistry</i> , 2009, 62, 653.	0.5	8
125	The Bioconjugation of Redox Proteins to Novel Electrode Materials. <i>Australian Journal of Chemistry</i> , 2009, 62, 1320.	0.5	15
126	The Inaugural Australian Workshop on Bioconjugate Chemistry, UNSW 2008. <i>Australian Journal of Chemistry</i> , 2009, 62, 1318.	0.5	1



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127	Construction of supramolecular multi-component assemblies by using allosteric interactions. <i>Tetrahedron</i> , 2008, 64, 8535-8542.	1.0	13
128	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
129	Pyromellitimide Aggregates and Their Response to Anion Stimuli. <i>Journal of the American Chemical Society</i> , 2007, 129, 7155-7162.	6.6	93
130	Tuning the self-assembly of a ditopic crown ether functionalized oligo(p-phenylenevinylene). <i>Journal of Materials Chemistry</i> , 2007, 17, 2654.	6.7	16
131	Photoinduced reduction of catalytically and biologically active Ru(ii)bisterpyridineâ€“cytochrome c bioconjugates. <i>Chemical Communications</i> , 2007, , 1899-1901.	2.2	34
132	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
133	Real-time single-molecule imaging of oxidation catalysis at a liquidâ€“solid interface. <i>Nature Nanotechnology</i> , 2007, 2, 285-289.	15.6	189
134	Carbon nanotubes for biological and biomedical applications. <i>Nanotechnology</i> , 2007, 18, 412001.	1.3	522
135	New discrete metallocycles incorporating palladium(ii) and platinum(ii) corners and dipyrityldibenzotetraaza[14]annulene side units. <i>Dalton Transactions</i> , 2006, , 744-750.	1.6	29
136	Self-assembly studies of allosteric photosynthetic antenna model systems. <i>New Journal of Chemistry</i> , 2006, 30, 148-155.	1.4	9
137	Developments in Using Scanning Probe Microscopy To Study Molecules on Surfaces â€“ From Thin Films and Single-Molecule Conductivity to Drugâ€“Living Cell Interactions. <i>Australian Journal of Chemistry</i> , 2006, 59, 359.	0.5	9
138	Well-defined proteinâ€“polymer conjugatesâ€“ synthesis and potential applications. <i>Applied Microbiology and Biotechnology</i> , 2006, 73, 243-254.	1.7	135
139	Scanning Tunneling Microscopy and Spectroscopy Studies of Porphyrins at Solidâ€“Liquid Interfaces. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 1953-1955.	0.8	20
140	Chiral molecular tapes from novel tetra(thiafulvalene-crown-ether)-substituted phthalocyanine building blocks. <i>Chemical Communications</i> , 2005, , 1255-1257.	2.2	111
141	Emergence of Life. , 2004, , 528-534.		2
142	Allosterically Driven Multicomponent Assembly. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4755-4759.	7.2	56
143	Lipase-catalysed kinetic resolution of 1-O-alkylglycerols by sequential transesterification. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2893-2899.	1.8	13
144	Mimicking the Motion of Life: Catalytically Active Rotaxanes as Processive Enzyme Mimics. <i>Australian Journal of Chemistry</i> , 2004, 57, 323.	0.5	21

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145	Synthesis of Porphyrin-Containing [3]Rotaxanes by Olefin Metathesis. <i>Angewandte Chemie</i> , 2003, 115, 674-678.	1.6	19
146	Synthesis of Porphyrin-Containing [3]Rotaxanes by Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 650-654.	7.2	70
147	Epoxidation of polybutadiene by a topologically linked catalyst. <i>Nature</i> , 2003, 424, 915-918.	13.7	401
148	The synthesis and studies towards the self-replication of bis(capped porphyrins). <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1216-1225.	1.5	15
149	Highly Negative Homotropic Allosteric Binding of Viologens in a Double-Cavity Porphyrin. <i>Journal of the American Chemical Society</i> , 2003, 125, 1186-1187.	6.6	80
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