

# Christopher J Sumby

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7043782/christopher-j-sumby-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.

151 papers	4,865 citations	38 h-index	65 g-index
168 ext. papers	5,779 ext. citations	6.5 avg, IF	6.11 L-index

#	Paper	IF	Citations
151	Biomimetic Total Synthesis of Erectones A and B, and the Revised Structure of Hyperelodione D.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	3
150	Coordination modulated on-off switching of flexibility in a metal-organic framework. <i>Chemical Science</i> , <b>2021</b> , 12, 14893-14900	9.4	0
149	Influence of the Synthesis and Storage Conditions on the Activity of Lipase B ZIF-8 Biocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	6
148	Single-Crystal-to-Single-Crystal Transformations of Metal-Organic-Framework-Supported, Site-Isolated Trigonal-Planar Cu(I) Complexes with Labile Ligands. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 11775-11783	5.1	6
147	Facile Multistep Synthesis of ZnO-Coated NaYF <sub>4</sub> :Yb/Tm Upconversion Nanoparticles as an Antimicrobial Photodynamic Therapy for Persistent Small Colony Variants.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 6125-6136	4.1	2
146	Unveiling the structural transitions during activation of a CO <sub>2</sub> methanation catalyst RuO/ZrO <sub>2</sub> synthesised from a MOF precursor. <i>Catalysis Today</i> , <b>2021</b> , 368, 66-77	5.3	11
145	Structural modulation of the photophysical and electronic properties of pyrene-based 3D metal-organic frameworks derived from s-block metals. <i>CrystEngComm</i> , <b>2021</b> , 23, 82-90	3.3	0
144	Towards applications of bioentities@MOFs in biomedicine. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 429, 213651	23.2	52
143	Metal-Organic Framework-Based Enzyme Biocomposites. <i>Chemical Reviews</i> , <b>2021</b> , 121, 1077-1129	68.1	107
142	Investigating the Potential of Flexible and Pre-Organized Tetraamide Ligands to Encapsulate Anions in One-Dimensional Coordination Polymers: Synthesis, Spectroscopic Studies and Crystal Structures. <i>Crystals</i> , <b>2021</b> , 11, 77	2.3	
141	Elucidating pore chemistry within metal-organic frameworks via single crystal X-ray diffraction; from fundamental understanding to application. <i>CrystEngComm</i> , <b>2021</b> , 23, 2185-2195	3.3	1
140	Dual Laser Study of Non-Degenerate Two Wavelength Upconversion Demonstrated in Sensitizer-Free NaYF <sub>4</sub> :Pr Nanoparticles. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001903	8.1	4
139	The biochemical fate of Ag ions in Staphylococcus aureus, Escherichia coli, and biological media. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 225, 111598	4.2	3
138	MOFs and Biomacromolecules for Biomedical Applications <b>2021</b> , 379-432		
137	MOF matrix isolation: cooperative conformational mobility enables reliable single crystal transformations. <i>Faraday Discussions</i> , <b>2021</b> , 225, 84-99	3.6	7
136	Cross-Coupling of Amide and Amide Derivatives to Umbelliferone Nonaflates: Synthesis of Coumarin Derivatives and Fluorescent Materials. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 7986-7999	4.2	6
135	Boronate Ester Bullvalenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3680-3685	16.4	6

134	Isolating reactive metal-based species in Metal-Organic Frameworks - viable strategies and opportunities. <i>Chemical Science</i> , <b>2020</b> , 11, 4031-4050	9.4	34
133	In Situ MOF-Templating of Rh Nanocatalysts under Reducing Conditions. <i>Australian Journal of Chemistry</i> , <b>2020</b> , 73, 1271	1.2	3
132	Biomimetic Synthetic Studies on the Bruceol Family of Meroterpenoid Natural Products. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 2103-2117	4.2	4
131	Highly Active Gas Phase Organometallic Catalysis Supported Within Metal-Organic Framework Pores. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13533-13543	16.4	16
130	Bisketene Equivalents as Diels-Alder Dienes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13328-13337	16.4	37
129	A metal-organic framework supported iridium catalyst for the gas phase hydrogenation of ethylene. <i>Chemical Communications</i> , <b>2020</b> , 56, 15313-15316	5.8	4
128	Total Synthesis of Naphterpin and Marinone Natural Products. <i>Organic Letters</i> , <b>2019</b> , 21, 8312-8315	6.2	17
127	Solar energy storage at an atomically defined organic-oxide hybrid interface. <i>Nature Communications</i> , <b>2019</b> , 10, 2384	17.4	28
126	Solar Energy Storage by Molecular Norbornadiene-Quadricyclane Photoswitches: Polymer Film Devices. <i>Advanced Science</i> , <b>2019</b> , 6, 1900367	13.6	26
125	Crystal Structure, Sensitiveness and Theoretical Explosive Performance of Xylitol Pentanitrate (XPN). <i>Propellants, Explosives, Pyrotechnics</i> , <b>2019</b> , 44, 541-549	1.7	7
124	Tuning Molecular Solar Thermal Properties by Modification of a Promising Norbornadiene Photoswitch. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 2354-2361	3.2	6
123	Enzyme Encapsulation in a Porous Hydrogen-Bonded Organic Framework. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14298-14305	16.4	78
122	Isomer Interconversion Studied through Single-Crystal to Single-Crystal Transformations in a Metal-Organic Framework Matrix. <i>Organometallics</i> , <b>2019</b> , 38, 3412-3418	3.8	6
121	Biomimetic Synthesis of Mitchellenes B-H from the Abundant Biological Precursor 14-Hydroxy-6,12-muuroloadien-15-oic Acid. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 9637-9647	4.2	2
120	Tuning Packing, Structural Flexibility, and Porosity in 2D Metal-Organic Frameworks by Metal Node Choice. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 797	1.2	3
119	-Quinone Methide Cyclizations Inspired by the Bussei hydroquinone Family of Natural Products. <i>Organic Letters</i> , <b>2019</b> , 21, 8304-8307	6.2	6
118	Biomimetic Synthesis Enables the Structure Revision of Furoerioaustralasine. <i>Organic Letters</i> , <b>2019</b> , 21, 8776-8778	6.2	10
117	Synthesis and Characterisation of Helicate and Mesocate Forms of a Double-Stranded Diruthenium(II) Complex of a Di(terpyridine) Ligand. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 762	1.2	3

116	Visible-Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoids A, B, and D, and Rasumatranin D. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2817-2820	3.6	
115	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 2348-2355	16.4	190
114	Visible-Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoids A, B, and D, and Rasumatranin D. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2791-2794	16.4	16
113	Biomimetic and Biocatalytic Synthesis of Bruceol. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1441-1445	3.6	2
112	Biomimetic and Biocatalytic Synthesis of Bruceol. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1427-1431	16.4	9
111	Protein surface functionalisation as a general strategy for facilitating biomimetic mineralisation of ZIF-8. <i>Chemical Science</i> , <b>2018</b> , 9, 4217-4223	9.4	77
110	Control of Structure Topology and Spatial Distribution of Biomacromolecules in [emailprotected] Biocomposites. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 1069-1077	9.6	101
109	Revision of the Phytochemistry of <i>Eremophila sturtii</i> and <i>E. mitchellii</i> . <i>Journal of Natural Products</i> , <b>2018</b> , 81, 405-409	4.9	6
108	Protecting-Group-Free Site-Selective Reactions in a Metal-Organic Framework Reaction Vessel. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6416-6425	16.4	36
107	Structural systematics of some trinuclear alkynyl and diynyl Group 11 complexes containing dpmm [dpmm = CH <sub>2</sub> (PPh <sub>2</sub> ) <sub>2</sub> ]. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 375, 2-12	23.2	9
106	Influence of nanoscale structuralisation on the catalytic performance of ZIF-8: a cautionary surface catalysis study. <i>CrystEngComm</i> , <b>2018</b> , 20, 4926-4934	3.3	17
105	Norbornadiene-Based Photoswitches with Exceptional Combination of Solar Spectrum Match and Long-Term Energy Storage. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 12767-12772	4.8	41
104	Synthesis, Characterization and Crystal Structure of Coordination Polymers Developed as Anion Receptor. <i>Solid State Phenomena</i> , <b>2018</b> , 273, 134-139	0.4	1
103	A domino Kornblum-DeLaMare/aza-Michael reaction of 3,6-dihydro-1,2-dioxines and application to the synthesis of the ceramide transport inhibitor (E)-HPA-12. <i>Tetrahedron</i> , <b>2018</b> , 74, 1229-1239	2.4	2
102	Crystal Structure of 1,2-Bis[N,N'-6-(3-pyridylmethylamido)pyridyl-2-carboxyamido]ethane. <i>X-ray Structure Analysis Online</i> , <b>2018</b> , 34, 31-32	0.2	1
101	Synthesis of a Chiral Auxiliary Family from Levoglucosenone and Evaluation in the Diels-Alder Reaction. <i>Synlett</i> , <b>2018</b> , 29, 1441-1446	2.2	11
100	Biomimetic Synthesis of Hyperjaponones F-I. <i>Australian Journal of Chemistry</i> , <b>2018</b> , 71, 649	1.2	5
99	Exploring the Use of Structure and Polymer Incorporation to Tune Silver Ion Release and Antibacterial Activity of Silver Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3512-3518	2.3	9

98	Mapping-Out Catalytic Processes in a Metal-Organic Framework with Single-Crystal X-ray Crystallography. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8412-8416	16.4	60
97	Mapping-Out Catalytic Processes in a Metal-Organic Framework with Single-Crystal X-ray Crystallography. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8532-8536	3.6	18
96	Biomimetic Total Synthesis of (E)-Verrubenzospirolactone. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8532-8535	16.4	17
95	Biomimetic Total Synthesis of (E)-Verrubenzospirolactone. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8652-8655	3.6	2
94	Engineering Isorecticular 2D Metal-Organic Frameworks with Inherent Structural Flexibility. <i>Australian Journal of Chemistry</i> , <b>2017</b> , 70, 566	1.2	3
93	Biomimetic Total Synthesis of Rhodonoids C and D, and Murraykonine D. <i>Organic Letters</i> , <b>2017</b> , 19, 2463-2465	3.2	14
92	Mixed-Matrix-Membranen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9420-9439	3.6	49
91	Highly active catalyst for CO <sub>2</sub> methanation derived from a metal organic framework template. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 12990-12997	13	68
90	Enhancing Mixed-Matrix Membrane Performance with Metal-Organic Framework Additives. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 4467-4488	3.5	92
89	Mixed-Matrix Membranes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9292-9310	16.4	347
88	Stereoselective Cyclopropanation of (R)-Levoglucosenone Derivatives Using Sulfonium and Sulfoxonium Ylides. <i>Synthesis</i> , <b>2017</b> , 49, 2652-2662	2.9	9
87	X-ray crystallographic insights into post-synthetic metalation products in a metal-organic framework. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2017</b> , 375,	3	14
86	Hydrogen adsorption in azolium and metalated N-heterocyclic carbene containing MOFs. <i>CrystEngComm</i> , <b>2016</b> , 18, 7003-7010	3.3	14
85	Syntheses and structures of some complexes containing M <sub>3</sub> (Edppm) <sub>3</sub> moieties (M = Cu, Ag) linking C <sub>4</sub> {M'Lx} groups [M'Lx= Re(CO) <sub>3</sub> (Bu <sub>2</sub> -bpy), Ru(dppe)Cp*]. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 453, 654-666	2.7	5
84	Endohedrally functionalised porous organic cages. <i>Chemical Communications</i> , <b>2016</b> , 52, 8850-3	5.8	26
83	Emerging applications of metal-organic frameworks. <i>CrystEngComm</i> , <b>2016</b> , 18, 6532-6542	3.3	108
82	Metal-organic frameworks: A thin film opening. <i>Nature Chemistry</i> , <b>2016</b> , 8, 294-6	17.6	10
81	Site-specific metal and ligand substitutions in a microporous Mn(2+)-based metal-organic framework. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4431-8	4.3	11

80	Computational identification of organic porous molecular crystals. <i>CrystEngComm</i> , <b>2016</b> , 18, 4133-4141	3.3	33
79	Hetero-bimetallic metal-organic polyhedra. <i>Chemical Communications</i> , <b>2016</b> , 52, 276-9	5.8	52
78	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. <i>CrystEngComm</i> , <b>2016</b> , 18, 4172-4179	3.3	21
77	Staggered pillaring: a strategy to control layer-layer packing and enhance porosity in MOFs. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 1802-1811	1.6	2
76	Continuous flow synthesis of a carbon-based molecular cage macrocycle via a three-fold homocoupling reaction. <i>Chemical Communications</i> , <b>2015</b> , 51, 14231-4	5.8	22
75	Molecular Design of Amorphous Porous Organic Cages for Enhanced Gas Storage. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 7746-7754	3.8	34
74	Some reactions of azides with diynyl-bis(phosphine)ruthenium-cyclopentadienyl complexes. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 797, 185-193	2.3	1
73	AIMs: a new strategy to control physical aging and gas transport in mixed-matrix membranes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 15241-15247	13	55
72	Silver(I) coordination polymers of the bridged pyrazine containing ligand di-2-pyrazinylmethane. <i>Supramolecular Chemistry</i> , <b>2015</b> , 27, 807-819	1.8	3
71	Synthesis and Applications of Porous Organic Cages. <i>Chemistry Letters</i> , <b>2015</b> , 44, 582-588	1.7	68
70	Palladium-Catalyzed Suzuki-Miyaura, Heck and Hydroarylation Reactions on (D)-Levoglucosenone and Application to the Synthesis of Chiral $\gamma$ -Butyrolactones. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 6999-7008	3.2	21
69	Probing Solid-State Breathing and Structural Transformations in a Series of Silver(I) Porous Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 3723-3729	2.3	9
68	Mechanistic studies on the autoxidation of $\beta$ -guaiene: structural diversity of the sesquiterpenoid downstream products. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 131-45	4.9	22
67	Probing post-synthetic metallation in metal-organic frameworks: insights from X-ray crystallography. <i>Chemical Communications</i> , <b>2015</b> , 51, 5486-9	5.8	19
66	Reprogramming Kinetic Phase Control and Tailoring Pore Environments in CuII and ZnII Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5710-5718	3.5	10
65	Does functionalisation enhance CO <sub>2</sub> uptake in interpenetrated MOFs? An examination of the IRMOF-9 series. <i>Chemical Communications</i> , <b>2014</b> , 50, 3238-41	5.8	55
64	Post-synthetic metalation of metal-organic frameworks. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 5933-51	58.5	450
63	A 3-D diamondoid MOF catalyst based on in situ generated [Cu(L) <sub>2</sub> ] N-heterocyclic carbene (NHC) linkers: hydroboration of CO <sub>2</sub> . <i>Chemical Communications</i> , <b>2014</b> , 50, 11760-3	5.8	65

62	Capturing snapshots of post-synthetic metallation chemistry in metal-organic frameworks. <i>Nature Chemistry</i> , <b>2014</b> , 6, 906-12	17.6	151
61	Hexatriynediyl Chain Spanning Two Cp*(dppe)M Termini (M = Fe, Ru): Evidence for the Dependence of Electronic and Magnetic Couplings on the Relative Orientation of the Termini. <i>Organometallics</i> , <b>2014</b> , 33, 2613-2627	3.8	41
60	Feasibility of Mixed Matrix Membrane Gas Separations Employing Porous Organic Cages. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 1523-1529	3.8	72
59	Utilising hinged ligands in MOF synthesis: a covalent linking strategy for forming 3D MOFs. <i>CrystEngComm</i> , <b>2014</b> , 16, 6364-6371	3.3	7
58	Discovery of (E)-3-((styrylsulfonyl)methyl)pyridine and (E)-2-((styrylsulfonyl)methyl)pyridine derivatives as anticancer agents: synthesis, structure-activity relationships, and biological activities. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 2275-91	8.3	17
57	Synthesis and crystal structure of N-6-[(4-pyridylamino)carbonyl]-pyridine-2-carboxylic acid methyl ester zinc complex. <i>Complex Metals: an Open Access Journal</i> , <b>2014</b> , 1, 32-37		4
56	Ruthenium complexes of hexakis(cyanophenyl)[3]radialenes and their di(cyanophenyl)methane precursors: synthesis, photophysical, and electrochemical properties. <i>Journal of Coordination Chemistry</i> , <b>2014</b> , 67, 1367-1379	1.6	1
55	Synthesis of guaia-4(5)-en-11-ol, guaia-5(6)-en-11-ol, aciphyllene, 1-epi-melicodenones C and E, and other guaiane-type sesquiterpenoids via the diastereoselective epoxidation of guaicol. <i>Journal of Natural Products</i> , <b>2014</b> , 77, 2522-36	4.9	15
54	Using hinged ligands to target structurally flexible copper(II) MOFs. <i>CrystEngComm</i> , <b>2013</b> , 15, 9663	3.3	22
53	Encapsulation of polyoxometalates within layered metal-organic frameworks with topological and pore control. <i>CrystEngComm</i> , <b>2013</b> , 15, 9340	3.3	6
52	Towards microstructured optical fibre sensors: surface analysis of silanised lead silicate glass. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 6782	7.1	11
51	Chelation-driven fluorescence deactivation in three alkali earth metal MOFs containing 2,2'-dihydroxybiphenyl-4,4'-dicarboxylate. <i>CrystEngComm</i> , <b>2013</b> , 15, 9722	3.3	9
50	New cylindrical peptide assemblies defined by extended parallel $\beta$ -sheets. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 425-9	3.9	24
49	Kinetically controlled porosity in a robust organic cage material. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 3746-9	16.4	122
48	Triazolium-Containing Metal-Organic Frameworks: Control of Catenation in 2D Copper(II) Paddlewheel Structures. <i>Australian Journal of Chemistry</i> , <b>2013</b> , 66, 409	1.2	7
47	Research Front on Coordination Polymers. <i>Australian Journal of Chemistry</i> , <b>2013</b> , 66, 397	1.2	3
46	Post-synthetic structural processing in a metal-organic framework material as a mechanism for exceptional CO <sub>2</sub> /N <sub>2</sub> selectivity. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10441-8	16.4	172
45	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. <i>Dalton Transactions</i> , <b>2013</b> , 42, 7871-3	4.3	32



44	Two-Dimensional and Three-Dimensional Coordination Polymers of Hexakis(4-cyanophenyl)[3]radialene: The Role of Stoichiometry and Kinetics. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 2350-2361	3.5	18
43	Kinetically Controlled Porosity in a Robust Organic Cage Material. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 3834-3837	3.8	40
42	Guest-induced crystal-to-crystal expansion and contraction of a 3-D porous coordination polymer. <i>Chemical Communications</i> , <b>2012</b> , 48, 2534-6	5.8	47
41	Anion- $\pi$ Interactions of hexaaryl[3]radialenes. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 8001-7	2.8	9
40	Control of framework interpenetration for in situ modified hydroxyl functionalised IRMOFs. <i>Chemical Communications</i> , <b>2012</b> , 48, 10328-30	5.8	61
39	Fluorescent hexaaryl- and hexa-heteroaryl[3]radialenes: Synthesis, structures, and properties. <i>Beilstein Journal of Organic Chemistry</i> , <b>2012</b> , 8, 71-80	2.5	11
38	Building blocks for coordination polymers: self-assembled cleft-like and planar discrete metallo-macrocyclic complexes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 4497-505	4.3	7
37	Pre-organisation or a hydrogen bonding mismatch: silver(I) diamide ligand coordination polymers versus discrete metallo-macrocyclic assemblies. <i>Supramolecular Chemistry</i> , <b>2012</b> , 24, 627-640	1.8	8
36	Synthesis and Coordination Chemistry of 2-(Di-2-pyridylamino)pyrimidine; Structural Aspects of Spin Crossover in an FeII Complex. <i>Australian Journal of Chemistry</i> , <b>2012</b> , 65, 842	1.2	2
35	Photoinduced electron transfer based ion sensing within an optical fiber. <i>Sensors</i> , <b>2011</b> , 11, 9560-72	3.8	17
34	Fused pyrazino[2,3-b]indolizine and indolizino[2,3-b]quinoxaline derivatives; synthesis, structures, and properties. <i>Tetrahedron</i> , <b>2011</b> , 67, 9368-9375	2.4	20
33	Bridging ligands comprising two or more di-2-pyridylmethyl or amine arms: Alternatives to 2,2'-bipyridyl-containing bridging ligands. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 1937-1967	23.2	53
32	Self-assembled metallo-macrocyclic based coordination polymers with unsymmetrical amide ligands. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12374-80	4.3	14
31	Synthesis of a zinc(II) imidazolium dicarboxylate ligand metal-organic framework (MOF): a potential precursor to MOF-tethered N-heterocyclic carbene compounds. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1712-9	5.1	77
30	Complexation and structural studies of a sulfonamide aza-15-crown-5 derivative. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 593-598	3.1	9
29	Syntheses and studies of flexible amide ligands: a toolkit for studying metallo-supramolecular assemblies for anion binding. <i>Tetrahedron</i> , <b>2009</b> , 65, 4681-4691	2.4	19
28	2-D Coordination Polymers of Hexa(4-cyanophenyl)[3]-radialene and Silver(I): Anion- $\pi$ Interactions and Radialene C-H $\cdots$ Anion Hydrogen Bonds in the Solid-State Interactions of Hexaaryl[3]-radialenes with Anions. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 2911-2916	3.5	33
27	Synthesis and Coordination Chemistry of Doubly-Tridentate Tripodal Pyridazine and Pyrimidine-Derived Ligands: Structural Interplay Between M2L and M2L2 (M = Ni and Pd) Complexes and Magnetic Properties of Iron(II) Complexes. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 1142	1.2	6



26	Metallo-gels and organo-gels with tripodal cyclotrimeratrylene-type and 1,3,5-substituted benzene-type ligands. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 902	3.6	47
25	Synthesis and X-ray crystal structures of three copper(II) complexes of 1,4- bis (di-2-pyridylmethyl)phthalazine. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 2179-2185	1.6	4
24	Synthesis and crystal structure of a 2nm long rectangular copper dimetallomacrocyclic  View all notes. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 117-123	1.6	4
23	Synthesis and complexation of multiarmed cycloveratrylene-type ligands: observation of the "boat" and "distorted-cup" conformations of a cyclotetrameratrylene derivative. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 4415-25	4.8	15
22	The dimeric "hand-shake" motif in complexes and metallo-supramolecular assemblies of cyclotrimeratrylene-based ligands. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 10286-96	4.8	47
21	Interaction of copper(II) and palladium(II) with linked 2,2'-dipyridylamine derivatives: Synthetic and structural studies. <i>Polyhedron</i> , <b>2008</b> , 27, 2889-2898	2.7	25
20	Ruthenium(II) Complexes of New Chelating Indolizino[2,3-b]pyrazine- and Indolizino[2,3-b]quinoxaline-Derived Ligands: Syntheses, Electrochemistry and Absorption Spectroscopy. <i>Australian Journal of Chemistry</i> , <b>2008</b> , 61, 894	1.2	6
19	Coordination chemistry of di-2-pyridylamine-based bridging heterocyclic ligands: A structural study of coordination polymers and discrete dinuclear complexes. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 2100-2117	4.7	19
18	Mono- and dinuclear ruthenium complexes of bridging ligands incorporating two di-2-pyridylamine motifs: Synthesis, spectroscopy and electrochemistry. <i>Polyhedron</i> , <b>2007</b> , 26, 5370-5381	2.7	9
17	2,3,7,8,12,13-Hexahydroxy-10,15-dihydro-5H-tribenzo[a,d,g]cyclononene acetone disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o1537-o1539		3
16	Tris(pyridylmethylamino)cyclotrimeratrylene cavitands: an investigation of the solution and solid-state behaviour of metallo-supramolecular cages and cavitand-based coordination polymers. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2945-59	4.8	75
15	Silver(I) complexation of linked 2,2'-dipyridylamine derivatives. Synthetic, solvent extraction, membrane transport and X-ray structural studies. <i>Dalton Transactions</i> , <b>2006</b> , 4783-94	4.3	49
14	Crystal-packing motifs of [Ag <sub>4</sub> L <sub>4</sub> ] <sup>4+</sup> star-burst tetrahedra. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1390	3.6	29
13	Network structures of cyclotrimeratrylene and its derivatives. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1231	3.6	37
12	An investigation of the coordination chemistry of the hexadentate ligand di-2-pyridylketone azine; the formation of a discrete tetranuclear complex with silver nitrate. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1077	3.6	25
11	Disentangling Disorder in the Three-Dimensional Coordination Network of {Ag <sub>3</sub> [Tris(2-pyridylmethyl)cyclotrimeratrylene] <sub>2</sub> }(PF <sub>6</sub> ) <sub>3</sub> . <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 1321-1324	3.5	32
10	Capsules and star-burst polyhedra: an [Ag <sub>2</sub> L <sub>2</sub> ] capsule and a tetrahedral [Ag <sub>4</sub> L <sub>4</sub> ] metallosupramolecular prism with cyclotrimeratrylene-type ligands. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6395-9	16.4	65
9	Capsules and Star-Burst Polyhedra: An [Ag <sub>2</sub> L <sub>2</sub> ] Capsule and a Tetrahedral [Ag <sub>4</sub> L <sub>4</sub> ] Metallosupramolecular Prism with Cyclotrimeratrylene-Type Ligands. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6553-6557	3.6	15

8	Building blocks for cyclotrimeratrylene-based coordination networks. <i>Organic and Biomolecular Chemistry</i> , <b>2004</b> , 2, 2958-64	3.9	33
7	Interwoven 2-D coordination network prepared from the molecular host tris(isonicotinoyl)cyclotriguaiacylene and silver(I) cobalt(III) bis(dicarbollide). <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 6872-4	5.1	51
6	All twisted up! A dinuclear helicate with a highly contorted pyridazine bridge. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 127-130	3.1	20
5	Cyclometalated Compounds. XVII.1 The First Threefold Cyclopalladation of a Single Benzene Ring. <i>Organometallics</i> , <b>2003</b> , 22, 2358-2360	3.8	29
4	Ruthenium(II) Complexes of Multidentate Ligands Derived from Di(2-pyridyl)methane. <i>Australian Journal of Chemistry</i> , <b>2003</b> , 56, 657	1.2	20
3	Coordination chemistry of di-2-pyridylmethane and related bridging ligands with silver(I), copper(II), palladium(II) and zinc(II). <i>Dalton Transactions</i> , <b>2003</b> , 4505	4.3	46
2	Anion-directed self-assembly of metallosupramolecular coordination polymers of the radialene ligand hexa(2-pyridyl)[3]radialene. <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 323-327	3.1	34
1	Hexa(2-pyridyl)[3]radialene: self-assembly of a hexanuclear silver array. <i>Chemical Communications</i> , <b>2002</b> , 322-3	5.8	58