Christopher J Sumby

List of Publications by Year
in descending order

160	6,698	66343	69250
papers	citations	42 h-index	77 g-index

168	168	168	7270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mixedâ€Matrix Membranes. Angewandte Chemie - International Edition, 2017, 56, 9292-9310.	13.8	545
2	Post-synthetic metalation of metalâ€“organic frameworks. Chemical Society Reviews, 2014, 43, 5933-5951.	38.1	529
3	Metalâ€“Organic Framework-Based Enzyme Biocomposites. Chemical Reviews, 2021, 121, 1077-1129.	47.7	372
4	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 2348-2355.	13.7	351
5	Enzyme Encapsulation in a Porous Hydrogen-Bonded Organic Framework. Journal of the American Chemical Society, 2019, 141, 14298-14305.	13.7	210
6	Post-synthetic Structural Processing in a Metalâ€“Organic Framework Material as a Mechanism for Exceptional CO₂/N₂ Selectivity. Journal of the American Chemical Society, 2013, 135, 10441-10448.	13.7	190
7	Capturing snapshots of post-synthetic metallation chemistry in metalâ€“organic frameworks. Nature Chemistry, 2014, 6, 906-912.	13.6	178
8	Control of Structure Topology and Spatial Distribution of Biomacromolecules in Protein@ZIF-8 Biocomposites. Chemistry of Materials, 2018, 30, 1069-1077.	6.7	146
9	Kinetically Controlled Porosity in a Robust Organic Cage Material. Angewandte Chemie - International Edition, 2013, 52, 3746-3749.	13.8	137
10	Protein surface functionalisation as a general strategy for facilitating biomimetic mineralisation of ZIF-8. Chemical Science, 2018, 9, 4217-4223.	7.4	131
11	Emerging applications of metalâ€“organic frameworks. CrystEngComm, 2016, 18, 6532-6542.	2.6	125
12	Enhancing Mixed-Matrix Membrane Performance with Metalâ€“Organic Framework Additives. Crystal Growth and Design, 2017, 17, 4467-4488.	3.0	123
13	Towards applications of bioentities@MOFs in biomedicine. Coordination Chemistry Reviews, 2021, 429, 213651.	18.8	121
14	Highly active catalyst for CO₂ methanation derived from a metal organic framework template. Journal of Materials Chemistry A, 2017, 5, 12990-12997.	10.3	95
15	Metalâ€“organic framework catalysis. CrystEngComm, 2017, 19, 4044-4048.	2.6	94
16	Synthesis and Applications of Porous Organic Cages. Chemistry Letters, 2015, 44, 582-588.	1.3	85
17	Feasibility of Mixed Matrix Membrane Gas Separations Employing Porous Organic Cages. Journal of Physical Chemistry C, 2014, 118, 1523-1529.	3.1	84
18	Synthesis of a Zinc(II) Imidazolium Dicarboxylate Ligand Metalâ”Organic Framework (MOF): a Potential Precursor to MOF-Tethered N-Heterocyclic Carbene Compounds. Inorganic Chemistry, 2010, 49, 1712-1719.	4.0	83

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19	Tris(pyridylmethylamino)cyclotriguaiacylene Cavitands: An Investigation of the Solution and Solid-State Behaviour of Metallo-Supramolecular Cages and Cavitand-Based Coordination Polymers. Chemistry - A European Journal, 2006, 12, 2945-2959.	3.3	80
20	Mappingâ€Out Catalytic Processes in a Metalâ€“Organic Framework with Singleâ€Crystal Xâ€ray Crystallography. Angewandte Chemie - International Edition, 2017, 56, 8412-8416.	13.8	75
21	AIMs: a new strategy to control physical aging and gas transport in mixed-matrix membranes. Journal of Materials Chemistry A, 2015, 3, 15241-15247.	10.3	72
22	A 3-D diamondoid MOF catalyst based on in situ generated [Cu(L)₂] N-heterocyclic carbene (NHC) linkers: hydroboration of CO₂. Chemical Communications, 2014, 50, 11760-11763.	4.1	70
23	Capsules and Star-Burst Polyhedra: An [Ag2L2] Capsule and a Tetrahedral [Ag4L4] Metallosupramolecular Prism with Cyclotriveratrylene-Type Ligands. Angewandte Chemie - International Edition, 2005, 44, 6395-6399.	13.8	69
24	Mixedâ€Matrixâ€Membranen. Angewandte Chemie, 2017, 129, 9420-9439.	2.0	69
25	Norbornadieneâ€Based Photoswitches with Exceptional Combination of Solar Spectrum Match and Longâ€Term Energy Storage. Chemistry - A European Journal, 2018, 24, 12767-12772.	3.3	67
26	Hexa(2-pyridyl)[3]radialene: self-assembly of a hexanuclear silver array. Chemical Communications, 2002, , 322-323.	4.1	64
27	Control of framework interpenetration for in situ modified hydroxyl functionalised IRMOFs. Chemical Communications, 2012, 48, 10328.	4.1	64
28	Hetero-bimetallic metalâ€“organic polyhedra. Chemical Communications, 2016, 52, 276-279.	4.1	62
29	Bridging ligands comprising two or more di-2-pyridylmethyl or amine arms: Alternatives to 2,2â€²-bipyridyl-containing bridging ligands. Coordination Chemistry Reviews, 2011, 255, 1937-1967.	18.8	59
30	Isolating reactive metal-based species in Metalâ€“Organic Frameworks â€“ viable strategies and opportunities. Chemical Science, 2020, 11, 4031-4050.	7.4	59
31	Metallo-gels and organo-gels with tripodal cyclotriveratrylene-type and 1,3,5-substituted benzene-type ligands. New Journal of Chemistry, 2009, 33, 902.	2.8	57
32	Does functionalisation enhance CO₂ uptake in interpenetrated MOFs? An examination of the IRMOF-9 series. Chemical Communications, 2014, 50, 3238-3241.	4.1	57
33	Interwoven 2-D Coordination Network Prepared from the Molecular Host Tris(isonicotinoyl)cyclotriguaiacylene and Silver(I) Cobalt(III) Bis(dicarbollide). Inorganic Chemistry, 2004, 43, 6872-6874.	4.0	55
34	Silver(i) complexation of linked 2,2â€²-dipyridylamine derivatives. Synthetic, solvent extraction, membrane transport and X-ray structural studies. Dalton Transactions, 2006, , 4783-4794.	3.3	51
35	The Dimeric â€œHandâ€Shakeâ€•Motif in Complexes and Metalloâ€“Supramolecular Assemblies of Cyclotriveratryleneâ€Based Ligands. Chemistry - A European Journal, 2008, 14, 10286-10296.	3.3	49
36	Guest-induced crystal-to-crystal expansion and contraction of a 3-D porous coordination polymer. Chemical Communications, 2012, 48, 2534.	4.1	48

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37	Coordination chemistry of di-2-pyridylmethane and related bridging ligands with silver(i), copper(ii), palladium(ii) and zinc(ii). Dalton Transactions, 2003, , 4505.	3.3	47
38	Mechanistic Studies on the Autoxidation of Î±-Guaiene: Structural Diversity of the Sesquiterpenoid Downstream Products. Journal of Natural Products, 2015, 78, 131-145.	3.0	47
39	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. Organometallics, 2014, 33, 2613-2627.	2.3	45
40	Solar Energy Storage by Molecular Norbornadieneâ€“Quadricyclane Photoswitches: Polymer Film Devices. Advanced Science, 2019, 6, 1900367.	11.2	45
41	Molecular Design of Amorphous Porous Organic Cages for Enhanced Gas Storage. Journal of Physical Chemistry C, 2015, 119, 7746-7754.	3.1	44
42	Protecting-Group-Free Site-Selective Reactions in a Metalâ€“Organic Framework Reaction Vessel. Journal of the American Chemical Society, 2018, 140, 6416-6425.	13.7	44
43	Highly Active Gas Phase Organometallic Catalysis Supported Within Metalâ€“Organic Framework Pores. Journal of the American Chemical Society, 2020, 142, 13533-13543.	13.7	43
44	Network structures of cyclotriveratrylene and its derivatives. New Journal of Chemistry, 2005, 29, 1231.	2.8	39
45	Computational identification of organic porous molecular crystals. CrystEngComm, 2016, 18, 4133-4141.	2.6	39
46	Influence of nanoscale structuralisation on the catalytic performance of ZIF-8: a cautionary surface catalysis study. CrystEngComm, 2018, 20, 4926-4934.	2.6	38
47	Anion-directed self-assembly of metallosupramolecular coordination polymers of the radialene ligand hexa(2-pyridyl)[3]radialene. Inorganic Chemistry Communication, 2002, 5, 323-327.	3.9	37
48	Solar energy storage at an atomically defined organic-oxide hybrid interface. Nature Communications, 2019, 10, 2384.	12.8	37
49	2-D Coordination Polymers of Hexa(4-cyanophenyl)[3]-radialene and Silver(I): AnionÂ·Â·Â·Ï€-Interactions and Radialene Câ^'HÂ·Â·Â·Anion Hydrogen Bonds in the Solid-State Interactions of Hexaaryl[3]-radialenes with Anions. Crystal Growth and Design, 2009, 9, 2911-2916.	3.0	36
50	Disentangling Disorder in the Three-Dimensional Coordination Network of {Ag3[Tris(2-pyridylmethyl)cyclotriguaiacylene]2}(PF6)3. Crystal Growth and Design, 2005, 5, 1321-1324.	3.0	34
51	Building blocks for cyclotriveratrylene-based coordination networks. Organic and Biomolecular Chemistry, 2004, 2, 2958.	2.8	33
52	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. Dalton Transactions, 2013, 42, 7871.	3.3	33
53	Fused pyrazino[2,3-b]indolizine and indolizino[2,3-b]quinoxaline derivatives; synthesis, structures, and properties. Tetrahedron, 2011, 67, 9368-9375.	1.9	31
54	Endohedrally functionalised porous organic cages. Chemical Communications, 2016, 52, 8850-8853.	4.1	31

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55	Cyclometalated Compounds. XVII.1The First Threefold Cyclopalladation of a Single Benzene Ring. Organometallics, 2003, 22, 2358-2360.	2.3	29
56	Crystal-packing motifs of [Ag4L4]4+ star-burst tetrahedra. New Journal of Chemistry, 2006, 30, 1390.	2.8	29
57	Continuous flow synthesis of a carbon-based molecular cage macrocycle via a three-fold homocoupling reaction. Chemical Communications, 2015, 51, 14231-14234.	4.1	29
58	Influence of the Synthesis and Storage Conditions on the Activity of Candida antarctica Lipase B ZIF-8 Biocomposites. ACS Applied Materials & Interfaces, 2021, 13, 51867-51875.	8.0	28
59	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. CrystEngComm, 2016, 18, 4172-4179.	2.6	28
60	Interaction of copper(II) and palladium(II) with linked 2,2â€²-dipyridylamine derivatives: Synthetic and structural studies. Polyhedron, 2008, 27, 2889-2898.	2.2	27
61	Using hinged ligands to target structurally flexible copper(ii) MOFs. CrystEngComm, 2013, 15, 9663.	2.6	27
62	Biomimetic Total Synthesis of (Â±)â€Verrubenzospirolactone. Angewandte Chemie - International Edition, 2017, 56, 8532-8535.	13.8	27
63	Unveiling the structural transitions during activation of a CO2 methanation catalyst Ru0/ZrO2 synthesised from a MOF precursor. Catalysis Today, 2021, 368, 66-77.	4.4	27
64	An investigation of the coordination chemistry of the hexadentate ligand di-2-pyridylketone azine; the formation of a discrete tetranuclear complex with silver nitrate. New Journal of Chemistry, 2005, 29, 1077.	2.8	26
65	Ruthenium(II) Complexes of Multidentate Ligands Derived from Di(2-pyridyl)methane. Australian Journal of Chemistry, 2003, 56, 657.	0.9	25
66	New cylindrical peptide assemblies defined by extended parallel Î²-sheets. Organic and Biomolecular Chemistry, 2013, 11, 425-429.	2.8	25
67	Palladiumâ€Catalyzed Suzukiâ€“Miyaura, Heck and Hydroarylation Reactions on (â€“)â€Levoglucosenone and Application to the Synthesis of Chiral Î³â€Butyrolactones. European Journal of Organic Chemistry, 2015, 2015, 6999-7008.	2.4	25
68	Probing post-synthetic metallation in metalâ€“organic frameworks: insights from X-ray crystallography. Chemical Communications, 2015, 51, 5486-5489.	4.1	25
69	Visibleâ€Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoidsâ€…A, B, and D, and Rasumatraninâ€…D. Angewandte Chemie - International Edition, 2019, 58, 2791-2794.	13.8	24
70	Photoinduced Electron Transfer Based Ion Sensing within an Optical Fiber. Sensors, 2011, 11, 9560-9572.	3.8	23
71	Two-Dimensional and Three-Dimensional Coordination Polymers of Hexakis(4-cyanophenyl)[3]radialene: The Role of Stoichiometry and Kinetics. Crystal Growth and Design, 2013, 13, 2350-2361.	3.0	23
72	Discovery of (E)-3-((Styrylsulfonyl)methyl)pyridine and (E)-2-((Styrylsulfonyl)methyl)pyridine Derivatives as Anticancer Agents: Synthesis, Structureâ€“Activity Relationships, and Biological Activities. Journal of Medicinal Chemistry, 2014, 57, 2275-2291.	6.4	23

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73	Total Synthesis of Naphterpin and Marinone Natural Products. Organic Letters, 2019, 21, 8312-8315.	4.6	23
74	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 Guaiol. Journal of Natural Products, 2014, 77, 2522-2536.	3.0	22
75	Syntheses and studies of flexible amide ligands: a toolkit for studying metallo-supramolecular assemblies for anion binding. Tetrahedron, 2009, 65, 4681-4691.	1.9	21
76	â€˜All twisted upâ€™: a dinuclear helicate with a highly contorted pyridazine bridge. Inorganic Chemistry Communication, 2003, 6, 127-130.	3.9	20
77	Mappingâ€Out Catalytic Processes in a Metalâ€“Organic Framework with Singleâ€Crystal Xâ€ray Crystallography. Angewandte Chemie, 2017, 129, 8532-8536.	2.0	20
78	Coordination chemistry of di-2-pyridylamine-based bridging heterocyclic ligands: A structural study of coordination polymers and discrete dinuclear complexes. Inorganica Chimica Acta, 2007, 360, 2100-2114.	2.4	19
79	Synthesis of a Chiral Auxiliary Family from Levoglucosenone and Evaluation in the Dielsâ€“Alder Reaction. Synlett, 2018, 29, 1441-1446.	1.8	19
80	Hydrogen adsorption in azolium and metalated N-heterocyclic carbene containing MOFs. CrystEngComm, 2016, 18, 7003-7010.	2.6	17
81	Biomimetic Total Synthesis of Rhodonoids C and D, and Murrayakonine D. Organic Letters, 2017, 19, 2463-2465.	4.6	17
82	Synthesis and Complexation of Multiarmed Cycloveratryleneâ€Type Ligands: Observation of the â€œBoatâ€• and â€œDistortedâ€Cupâ€•Conformations of a Cyclotetraveratrylene Derivative. Chemistry - A European Journal, 2008, 14, 4415-4425.	3.3	16
83	Biomimetic Synthesis Enables the Structure Revision of Furoerioaustralasine. Organic Letters, 2019, 21, 8776-8778.	4.6	16
84	MOF matrix isolation: cooperative conformational mobility enables reliable single crystal transformations. Faraday Discussions, 2021, 225, 84-99.	3.2	16
85	X-ray crystallographic insights into post-synthetic metalation products in a metalâ€“organic framework. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160028.	3.4	15
86	Biomimetic and Biocatalytic Synthesis of Bruceol. Angewandte Chemie - International Edition, 2019, 58, 1427-1431.	13.8	15
87	A metalâ€“organic framework supported iridium catalyst for the gas phase hydrogenation of ethylene. Chemical Communications, 2020, 56, 15313-15316.	4.1	15
88	Boronate Ester Bullvalenes. Journal of the American Chemical Society, 2020, 142, 3680-3685.	13.7	15
89	Self-assembled metallo-macrocycle based coordination polymers with unsymmetrical amide ligands. Dalton Transactions, 2011, 40, 12374.	3.3	14
90	Anionâ^'Ï€ Interactions of Hexaaryl[3]radialenes. Journal of Physical Chemistry A, 2012, 116, 8001-8007.	2.5	14

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91	Fluorescent hexaaryl- and hexa-heteroaryl[3]radialenes: Synthesis, structures, and properties. Beilstein Journal of Organic Chemistry, 2012, 8, 71-80.	2.2	14
92	Biomimetic Synthetic Studies on the Bruceol Family of Meroterpenoid Natural Products. Journal of Organic Chemistry, 2020, 85, 2103-2117.	3.2	14
93	Bisketene Equivalents as Dielsâ€“Alder Dienes. Journal of the American Chemical Society, 2020, 142, 13328-13333.	13.7	14
94	Towards microstructured optical fibre sensors: surface analysis of silanised lead silicate glass. Journal of Materials Chemistry C, 2013, 1, 6782.	5.5	13
95	Exploring the Use of Structure and Polymer Incorporation to Tune Silver Ion Release and Antibacterial Activity of Silver Coordination Polymers. European Journal of Inorganic Chemistry, 2018, 2018, 3512-3518.	2.0	13
96	A thin film opening. Nature Chemistry, 2016, 8, 294-296.	13.6	12
97	Site-specific metal and ligand substitutions in a microporous Mn2+-based metalâ€“organic framework. Dalton Transactions, 2016, 45, 4431-4438.	3.3	12
98	Stereoselective Cyclopropanation of (â€“)-Levoglucosenone Derivatives Using Sulfonium and Sulfoxonium Ylides. Synthesis, 2017, 49, 2652-2662.	2.3	12
99	Isomer Interconversion Studied through Single-Crystal to Single-Crystal Transformations in a Metalâ€“Organic Framework Matrix. Organometallics, 2019, 38, 3412-3418.	2.3	12
100	Cross-Coupling of Amide and Amide Derivatives to Umbelliferone Nonaflates: Synthesis of Coumarin Derivatives and Fluorescent Materials. Journal of Organic Chemistry, 2020, 85, 7986-7999.	3.2	12
101	Single-Crystal-to-Single-Crystal Transformations of Metalâ€“Organic-Framework-Supported, Site-Isolated Trigonal-Planar Cu(I) Complexes with Labile Ligands. Inorganic Chemistry, 2021, 60, 11775-11783.	4.0	12
102	Reprogramming Kinetic Phase Control and Tailoring Pore Environments in Co^{II} and Zn^{II} Metalâ€“Organic Frameworks. Crystal Growth and Design, 2014, 14, 5710-5718.	3.0	11
103	The biochemical fate of Ag+ ions in Staphylococcus aureus, Escherichia coli, and biological media. Journal of Inorganic Biochemistry, 2021, 225, 111598.	3.5	11
104	Utilising hinged ligands in MOF synthesis: a covalent linking strategy for forming 3D MOFs. CrystEngComm, 2014, 16, 6364-6371.	2.6	10
105	Probing Solid-State Breathing and Structural Transformations in a Series of Silver(I) Porous Coordination Polymers. European Journal of Inorganic Chemistry, 2015, 2015, 3723-3729.	2.0	10
106	Structural systematics of some trinuclear alkynyl and diynyl Group 11 complexes containing dppm [dppm = CH2(PPh2)2]. Coordination Chemistry Reviews, 2018, 375, 2-12.	18.8	10
107	ortho-Quinone Methide Cyclizations Inspired by the Busseihydroquinone Family of Natural Products. Organic Letters, 2019, 21, 8304-8307.	4.6	10
108	Crystal Structure, Sensitiveness and Theoretical Explosive Performance of Xylitol Pentanitrate (XPN). Propellants, Explosives, Pyrotechnics, 2019, 44, 541-549.	1.6	10

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109	Tuningâ€‰Molecular Solar Thermal Properties by Modification of a Promising Norbornadiene Photoswitch. European Journal of Organic Chemistry, 2019, 2019, 2354-2361.	2.4	10
110	Bioinspired Total Synthesis of Erectones A and B, and the Revised Structure of Hyperelodione D. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
111	Mono- and dinuclear ruthenium complexes of bridging ligands incorporating two di-2-pyridylamine motifs: Synthesis, spectroscopy and electrochemistry. Polyhedron, 2007, 26, 5370-5381.	2.2	9
112	Complexation and structural studies of a sulfonamide aza-15-crown-5 derivative. Inorganic Chemistry Communication, 2010, 13, 593-598.	3.9	9
113	Chelation-driven fluorescence deactivation in three alkali earth metal MOFs containing 2,2â€²-dihydroxybiphenyl-4,4â€²-dicarboxylate. CrystEngComm, 2013, 15, 9722.	2.6	9
114	Pre-organisation or a hydrogen bonding mismatch: silver(I) diamide ligand coordination polymers versus discrete metallo-macrocyclic assemblies. Supramolecular Chemistry, 2012, 24, 627-640.	1.2	8
115	Building blocks for coordination polymers: self-assembled cleft-like and planar discrete metallo-macrocyclic complexes. Dalton Transactions, 2012, 41, 4497.	3.3	8
116	Encapsulation of polyoxometalates within layered metalâ€“organic frameworks with topological and pore control. CrystEngComm, 2013, 15, 9340.	2.6	8
117	Dual Laser Study of Nonâ€Degenerate Two Wavelength Upconversion Demonstrated in Sensitizerâ€Free NaYF₄:Pr Nanoparticles. Advanced Optical Materials, 2021, 9, 2001903.	7.3	8
118	Facile Multistep Synthesis of ZnO-Coated Î²-NaYF₄:Yb/Tm Upconversion Nanoparticles as an Antimicrobial Photodynamic Therapy for Persistent Staphylococcus aureus Small Colony Variants. ACS Applied Bio Materials, 2021, 4, 6125-6136.	4.6	8
119	Ruthenium(II) Complexes of New Chelating Indolizino[2,3-b]pyrazine- and Indolizino[2,3-b]quinoxaline-Derived Ligands: Syntheses, Electrochemistry and Absorption Spectroscopy. Australian Journal of Chemistry, 2008, 61, 894.	0.9	7
120	Triazolium-Containing Metalâ€“Organic Frameworks: Control of Catenation in 2D Copper(II) Paddlewheel Structures. Australian Journal of Chemistry, 2013, 66, 409.	0.9	7
121	Coordination modulated on-off switching of flexibility in a metalâ€“organic framework. Chemical Science, 2021, 12, 14893-14900.	7.4	7
122	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. Australian Journal of Chemistry, 2009, 62, 1142.	0.9	6
123	Revision of the Phytochemistry of Eremophila sturtii and E. mitchellii. Journal of Natural Products, 2018, 81, 405-409.	3.0	6
124	Templated synthesis of zirconium(<scp>iv</scp>)-based metalâ€“organic layers (MOLs) with accessible chelating sites. Chemical Communications, 2022, 58, 957-960.	4.1	6
125	Syntheses and structures of some complexes containing M3(Î¼-dppm)3 moieties (M = Cu, Ag) linking C4{Mâ€²Lx} groups [Mâ€²Lx= Re(CO)3(Bu2-bpy), Ru(dppe)Cpâ^—]. Inorganica Chimica Acta, 2016, 453, 654-666.	2.4	5
126	Biomimetic Total Synthesis of (Â±)â€Verrubenzospirolactone. Angewandte Chemie, 2017, 129, 8652-8655.	2.0	5

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127	Biomimetic Synthesis of Hyperjapones F-I. Australian Journal of Chemistry, 2018, 71, 649.	0.9	5
128	Synthesis and Characterisation of Helicate and Mesocate Forms of a Double-Stranded Diruthenium(II) Complex of a Di(terpyridine) Ligand. Australian Journal of Chemistry, 2019, 72, 762.	0.9	5
129	Elucidating pore chemistry within metalâ€“organic frameworks via single crystal X-ray diffraction; from fundamental understanding to application. CrystEngComm, 2021, 23, 2185-2195.	2.6	5
130	Synthesis and X-ray crystal structures of three copper(II) complexes of 1,4- bis (di-2-pyridylmethyl)phthalazine. Journal of Coordination Chemistry, 2008, 61, 2179-2185.	2.2	4
131	Synthesis and crystal structure of a 2nm long rectangular copper dimetallomacrocycle. Journal of Coordination Chemistry, 2008, 61, 117-123.	2.2	4
132	Synthesis and crystal structure of N-6-[(4-pyridylamino)carbonyl]-pyridine-2-carboxylic acid methyl ester zinc complex. Complex Metals: an Open Access Journal, 2014, 1, 32-37.	0.6	4
133	Engineering Isoreticular 2D Metalâ€“Organic Frameworks with Inherent Structural Flexibility. Australian Journal of Chemistry, 2017, 70, 566.	0.9	4
134	Tuning Packing, Structural Flexibility, and Porosity in 2D Metalâ€“Organic Frameworks by Metal Node Choice. Australian Journal of Chemistry, 2019, 72, 797.	0.9	4
135	2,3,7,8,12,13-Hexahydroxy-10,15-dihydro-5H-tribenzo[a,d,g]cyclononene acetone disolvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1537-o1539.	0.2	3
136	Research Front on Coordination Polymers. Australian Journal of Chemistry, 2013, 66, 397.	0.9	3
137	Ruthenium complexes of hexakis(cyanophenyl)[3]radialenes and their di(cyanophenyl)methane precursors: synthesis, photophysical, and electrochemical properties. Journal of Coordination Chemistry, 2014, 67, 1367-1379.	2.2	3
138	Silver(I) coordination polymers of the â€˜hingedâ€™ pyrazine containing ligand di-2-pyrazinylmethane. Supramolecular Chemistry, 2015, 27, 807-819.	1.2	3
139	A domino Kornblum-DeLaMare/aza-Michael reaction of 3,6-dihydro-1,2-dioxines and application to the synthesis of the ceramide transport inhibitor (Â±)-HPA-12. Tetrahedron, 2018, 74, 1229-1239.	1.9	3
140	A Stable Coordination Polymer Based on Rod-Like Silver(I) Nodes with Contiguous Ag-S Bonding. Molecules, 2020, 25, 4548.	3.8	3
141	Structural modulation of the photophysical and electronic properties of pyrene-based 3D metalâ€“organic frameworks derived from s-block metals. CrystEngComm, 2021, 23, 82-90.	2.6	3
142	In Situ MOF-Templating of Rh Nanocatalysts under Reducing Conditions. Australian Journal of Chemistry, 2020, 73, 1271.	0.9	3
143	Bioinspired Total Synthesis of Erectones A and B, and the Revised Structure of Hyperelodione D. Angewandte Chemie, 0, , .	2.0	3
144	Synthesis and Coordination Chemistry of 2-(Di-2-pyridylamino)pyrimidine; Structural Aspects of Spin Crossover in an FeII Complex. Australian Journal of Chemistry, 2012, 65, 842.	0.9	2

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145	Staggered pillaring: a strategy to control layerâ€“layer packing and enhance porosity in MOFs. Journal of Coordination Chemistry, 2016, 69, 1802-1811.	2.2	2
146	Synthesis, Characterization and Crystal Structure of Coordination Polymers Developed as Anion Receptor. Solid State Phenomena, 0, 273, 134-139.	0.3	2
147	Biomimetic Synthesis of Mitchellenes Bâ€“H from the Abundant Biological Precursor 14-Hydroxy-6,12-muuroloadien-15-oic Acid. Journal of Organic Chemistry, 2019, 84, 9637-9647.	3.2	2
148	Biomimetic and Biocatalytic Synthesis of Bruceol. Angewandte Chemie, 2019, 131, 1441-1445.	2.0	2
149	Advanced characterisation techniques: multi-scale, in situ, and time-resolved: general discussion. Faraday Discussions, 2021, 225, 152-167.	3.2	2
150	Synthesis of Tripleâ€Stranded Diruthenium(II) Compounds. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	2
151	Some reactions of azides with diynyl-bis(phosphine)ruthenium-cyclopentadienyl complexes. Journal of Organometallic Chemistry, 2015, 797, 185-193.	1.8	1
152	Crystal Structure of 1,2-Bis[N,Nâ€²-6-(3-pyridylmethylamido)pyridyl-2-carboxyamido]ethane. X-ray Structure Analysis Online, 2018, 34, 31-32.	0.2	1
153	Investigating the Potential of Flexible and Pre-Organized Tetraamide Ligands to Encapsulate Anions in One-Dimensional Coordination Polymers: Synthesis, Spectroscopic Studies and Crystal Structures. Crystals, 2021, 11, 77.	2.2	1
154	Synthesis and X-ray crystal structure of a bridging trispiran ligand. Arkivoc, 2004, 2004, 7-12.	0.5	1
155	Network Structures of Cyclotriveratrylene and Its Derivatives. ChemInform, 2006, 37, no.	0.0	0
156	A microstructured optical fiber sensor for ion-sensing based on the photoinduced electron transfer effect. Proceedings of SPIE, 2012, , .	0.8	0
157	Visibleâ€Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoidsâ€…A, B, and D, and Rasumatraninâ€…D. Angewandte Chemie, 2019, 131, 2817-2820.	2.0	0
158	MOFs and Biomacromolecules for Biomedical Applications. , 2021, , 379-432.		0
159	Star-burst prisms and coordination polymers. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s86-s86.	0.3	0
160	New coordination polymers with embedded molecular recognition functionality. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C359-C359.	0.3	0