Christopher J Sumby

List of Publications by Citations

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	Post-synthetic metalation of metal-organic frameworks. *Chemical Society Reviews*, **2014**, 43, 5933-51	58.5	450
150	Mixed-Matrix Membranes. *Angewandte Chemie - International Edition*, **2017**, 56, 9292-9310	16.4	347
149	Enhanced Activity of Enzymes Encapsulated in Hydrophilic Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2019**, 141, 2348-2355	16.4	190
148	Post-synthetic structural processing in a metal-organic framework material as a mechanism for exceptional CO2/N2 selectivity. *Journal of the American Chemical Society*, **2013**, 135, 10441-8	16.4	172
147	Capturing snapshots of post-synthetic metallation chemistry in metal-organic frameworks. *Nature Chemistry*, **2014**, 6, 906-12	17.6	151
146	Kinetically controlled porosity in a robust organic cage material. *Angewandte Chemie - International Edition*, **2013**, 52, 3746-9	16.4	122
145	Emerging applications of metal□rganic frameworks. *CrystEngComm*, **2016**, 18, 6532-6542	3.3	108
144	Metal-Organic Framework-Based Enzyme Biocomposites. *Chemical Reviews*, **2021**, 121, 1077-1129	68.1	107
143	Control of Structure Topology and Spatial Distribution of Biomacromolecules in [email□protected] Biocomposites. *Chemistry of Materials*, **2018**, 30, 1069-1077	9.6	101
142	Enhancing Mixed-Matrix Membrane Performance with Metal□rganic Framework Additives. *Crystal Growth and Design*, **2017**, 17, 4467-4488	3.5	92
141	Enzyme Encapsulation in a Porous Hydrogen-Bonded Organic Framework. *Journal of the American Chemical Society*, **2019**, 141, 14298-14305	16.4	78
140	Protein surface functionalisation as a general strategy for facilitating biomimetic mineralisation of ZIF-8. *Chemical Science*, **2018**, 9, 4217-4223	9.4	77
139	Synthesis of a zinc(II) imidazolium dicarboxylate ligand metal-organic framework (MOF): a potential precursor to MOF-tethered N-heterocyclic carbene compounds. *Inorganic Chemistry*, **2010**, 49, 1712-9	5.1	77
138	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, 2945-59	4.8	75
137	Feasibility of Mixed Matrix Membrane Gas Separations Employing Porous Organic Cages. *Journal of Physical Chemistry C*, **2014**, 118, 1523-1529	3.8	72
136	Highly active catalyst for CO2 methanation derived from a metal organic framework template. *Journal of Materials Chemistry A*, **2017**, 5, 12990-12997	13	68
135	Synthesis and Applications of Porous Organic Cages. *Chemistry Letters*, **2015**, 44, 582-588	1.7	68

134	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, 11760-3	5.8	65
133	Capsules and star-burst polyhedra: an [Ag2L2] capsule and a tetrahedral [Ag4L4] metallosupramolecular prism with cyclotriveratrylene-type ligands. *Angewandte Chemie - International Edition*, **2005**, 44, 6395-9	16.4	65
132	Control of framework interpenetration for in situ modified hydroxyl functionalised IRMOFs. *Chemical Communications*, **2012**, 48, 10328-30	5.8	61
131	Mapping-Out Catalytic Processes in a Metal-Organic Framework with Single-Crystal X-ray Crystallography. *Angewandte Chemie - International Edition*, **2017**, 56, 8412-8416	16.4	60
130	Hexa(2-pyridyl)[3]radialene: self-assembly of a hexanuclear silver array. *Chemical Communications*, **2002**, 322-3	5.8	58
129	AIMs: a new strategy to control physical aging and gas transport in mixed-matrix membranes. *Journal of Materials Chemistry A*, **2015**, 3, 15241-15247	13	55
128	Does functionalisation enhance CO2 uptake in interpenetrated MOFs? An examination of the IRMOF-9 series. *Chemical Communications*, **2014**, 50, 3238-41	5.8	55
127	Bridging ligands comprising two or more di-2-pyridylmethyl or amine arms: Alternatives to 2,2?-bipyridyl-containing bridging ligands. *Coordination Chemistry Reviews*, **2011**, 255, 1937-1967	23.2	53
126	Hetero-bimetallic metal-organic polyhedra. *Chemical Communications*, **2016**, 52, 276-9	5.8	52
125	Towards applications of bioentities@MOFs in biomedicine. *Coordination Chemistry Reviews*, **2021**, 429, 213651	23.2	52
124	Interwoven 2-D coordination network prepared from the molecular host tris(isonicotinoyl)cyclotriguaiacylene and silver(I) cobalt(III) bis(dicarbollide). *Inorganic Chemistry*, **2004**, 43, 6872-4	5.1	51
123	Mixed-Matrix-Membranen. *Angewandte Chemie*, **2017**, 129, 9420-9439	3.6	49
122	Silver(I) complexation of linked 2,2'-dipyridylamine derivatives. Synthetic, solvent extraction, membrane transport and X-ray structural studies. *Dalton Transactions*, **2006**, 4783-94	4.3	49
121	Guest-induced crystal-to-crystal expansion and contraction of a 3-D porous coordination polymer. *Chemical Communications*, **2012**, 48, 2534-6	5.8	47
120	Metallo-gels and organo-gels with tripodal cyclotriveratrylene-type and 1,3,5-substituted benzene-type ligands. *New Journal of Chemistry*, **2009**, 33, 902	3.6	47
119	The dimeric "hand-shake" motif in complexes and metallo-supramolecular assemblies of cyclotriveratrylene-based ligands. *Chemistry - A European Journal*, **2008**, 14, 10286-96	4.8	47
118	Coordination chemistry of di-2-pyridylmethane and related bridging ligands with silver(I), copper(II), palladium(II) and zinc(II). *Dalton Transactions*, **2003**, 4505	4.3	46
117	Norbornadiene-Based Photoswitches with Exceptional Combination of Solar Spectrum Match and Long-Term Energy Storage. *Chemistry - A European Journal*, **2018**, 24, 12767-12772	4.8	41

116	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	3.8	41
115	Kinetically Controlled Porosity in a Robust Organic Cage Material. *Angewandte Chemie*, **2013**, 125, 3834-3837	3.8	40
114	Network structures of cyclotriveratrylene and its derivatives. *New Journal of Chemistry*, **2005**, 29, 1231	3.6	37
113	Protecting-Group-Free Site-Selective Reactions in a Metal-Organic Framework Reaction Vessel. *Journal of the American Chemical Society*, **2018**, 140, 6416-6425	16.4	36
112	Molecular Design of Amorphous Porous Organic Cages for Enhanced Gas Storage. *Journal of Physical Chemistry C*, **2015**, 119, 7746-7754	3.8	34
111	Isolating reactive metal-based species in Metal-Organic Frameworks - viable strategies and opportunities. *Chemical Science*, **2020**, 11, 4031-4050	9.4	34
110	Anion-directed self-assembly of metallosupramolecular coordination polymers of the radialene ligand hexa(2-pyridyl)[3]radialene. *Inorganic Chemistry Communication*, **2002**, 5, 323-327	3.1	34
109	Computational identification of organic porous molecular crystals. *CrystEngComm*, **2016**, 18, 4133-4141	3.3	33
108	2-D Coordination Polymers of Hexa(4-cyanophenyl)[3]-radialene and Silver(I): Anion□□Interactions and Radialene C□H□□Anion Hydrogen Bonds in the Solid-State Interactions of Hexaaryl[3]-radialenes with Anions. *Crystal Growth and Design*, **2009**, 9, 2911-2916	3.5	33
107	Building blocks for cyclotriveratrylene-based coordination networks. *Organic and Biomolecular Chemistry*, **2004**, 2, 2958-64	3.9	33
106	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. *Dalton Transactions*, **2013**, 42, 7871-9	4.3	32
105	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	3.5	32
104	Crystal-packing motifs of [Ag4L4]4+ star-burst tetrahedra. *New Journal of Chemistry*, **2006**, 30, 1390	3.6	29
103	Cyclometalated Compounds. XVII.1 The First Threefold Cyclopalladation of a Single Benzene Ring. *Organometallics*, **2003**, 22, 2358-2360	3.8	29
102	Solar energy storage at an atomically defined organic-oxide hybrid interface. *Nature Communications*, **2019**, 10, 2384	17.4	28
101	Solar Energy Storage by Molecular Norbornadiene-Quadricyclane Photoswitches: Polymer Film Devices. *Advanced Science*, **2019**, 6, 1900367	13.6	26
100	Endohedrally functionalised porous organic cages. *Chemical Communications*, **2016**, 52, 8850-3	5.8	26
99	Interaction of copper(II) and palladium(II) with linked 2,2?-dipyridylamine derivatives: Synthetic and structural studies. *Polyhedron*, **2008**, 27, 2889-2898	2.7	25

98	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	3.6	25
97	New cylindrical peptide assemblies defined by extended parallel β-sheets. *Organic and Biomolecular Chemistry*, **2013**, 11, 425-9	3.9	24
96	Continuous flow synthesis of a carbon-based molecular cage macrocycle via a three-fold homocoupling reaction. *Chemical Communications*, **2015**, 51, 14231-4	5.8	22
95	Using hinged ligands to target structurally flexible copper(II) MOFs. *CrystEngComm*, **2013**, 15, 9663	3.3	22
94	Mechanistic studies on the autoxidation of α-guaiene: structural diversity of the sesquiterpenoid downstream products. *Journal of Natural Products*, **2015**, 78, 131-45	4.9	22
93	Palladium-Catalyzed Suzuki–Miyaura, Heck and Hydroarylation Reactions on (−)-Levoglucosenone and Application to the Synthesis of Chiral γ-Butyrolactones. *European Journal of Organic Chemistry*, **2015**, 2015, 6999-7008	3.2	21
92	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. *CrystEngComm*, **2016**, 18, 4172-4179	3.3	21
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90	All twisted up—a dinuclear helicate with a highly contorted pyridazine bridge. *Inorganic Chemistry Communication*, **2003**, 6, 127-130	3.1	20
89	Ruthenium(II) Complexes of Multidentate Ligands Derived from Di(2-pyridyl)methane. *Australian Journal of Chemistry*, **2003**, 56, 657	1.2	20
88	Probing post-synthetic metallation in metal-organic frameworks: insights from X-ray crystallography. *Chemical Communications*, **2015**, 51, 5486-9	5.8	19
87	Syntheses and studies of flexible amide ligands: a toolkit for studying metallo-supramolecular assemblies for anion binding. *Tetrahedron*, **2009**, 65, 4681-4691	2.4	19
86	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	2.7	19
85	Mapping-Out Catalytic Processes in a Metal–Organic Framework with Single-Crystal X-ray Crystallography. *Angewandte Chemie*, **2017**, 129, 8532-8536	3.6	18
84	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	3.5	18
83	Biomimetic Total Synthesis of (±)-Verrubenzospirolactone. *Angewandte Chemie - International Edition*, **2017**, 56, 8532-8535	16.4	17
82	Total Synthesis of Naphterpin and Marinone Natural Products. *Organic Letters*, **2019**, 21, 8312-8315	6.2	17
81	Influence of nanoscale structuralisation on the catalytic performance of ZIF-8: a cautionary surface catalysis study. *CrystEngComm*, **2018**, 20, 4926-4934	3.3	17

80	Discovery of (E)-3-((styrylsulfonyl)methyl)pyridine and (E)-2-((styrylsulfonyl)methyl)pyridine derivatives as anticancer agents: synthesis, structure-activity relationships, and biological activities. *Journal of Medicinal Chemistry*, **2014**, 57, 2275-91	8.3	17
79	Photoinduced electron transfer based ion sensing within an optical fiber. *Sensors*, **2011**, 11, 9560-72	3.8	17
78	Highly Active Gas Phase Organometallic Catalysis Supported Within Metal-Organic Framework Pores. *Journal of the American Chemical Society*, **2020**, 142, 13533-13543	16.4	16
77	Visible-Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoids A, B, and D, and Rasumatranin D. *Angewandte Chemie - International Edition*, **2019**, 58, 2791-2794	16.4	16
76	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, 2522-36	4.9	15
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74	Capsules and Star-Burst Polyhedra: An [Ag2L2] Capsule and a Tetrahedral [Ag4L4] Metallosupramolecular Prism with Cyclotriveratrylene-Type Ligands. *Angewandte Chemie*, **2005**, 117, 6553-6557	3.6	15
73	Biomimetic Total Synthesis of Rhodonoids C and D, and Murrayakonine D. *Organic Letters*, **2017**, 19, 2463-2465	5.2	14
72	X-ray crystallographic insights into post-synthetic metalation products in a metal-organic framework. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2017**, 375,	3	14
71	Hydrogen adsorption in azolium and metalated N-heterocyclic carbene containing MOFs. *CrystEngComm*, **2016**, 18, 7003-7010	3.3	14
70	Self-assembled metallo-macrocycle based coordination polymers with unsymmetrical amide ligands. *Dalton Transactions*, **2011**, 40, 12374-80	4.3	14
69	Site-specific metal and ligand substitutions in a microporous Mn(2+)-based metal-organic framework. *Dalton Transactions*, **2016**, 45, 4431-8	4.3	11
68	Towards microstructured optical fibre sensors: surface analysis of silanised lead silicate glass. *Journal of Materials Chemistry C*, **2013**, 1, 6782	7.1	11
67	Fluorescent hexaaryl- and hexa-heteroaryl[3]radialenes: Synthesis, structures, and properties. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 71-80	2.5	11
66	Unveiling the structural transitions during activation of a CO2 methanation catalyst Ru0/ZrO2 synthesised from a MOF precursor. *Catalysis Today*, **2021**, 368, 66-77	5.3	11
65	Synthesis of a Chiral Auxiliary Family from Levoglucosenone and Evaluation in the Diels–Alder Reaction. *Synlett*, **2018**, 29, 1441-1446	2.2	11
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62	Reprogramming Kinetic Phase Control and Tailoring Pore Environments in CoII and ZnII Metal□Organic Frameworks. *Crystal Growth and Design*, **2014**, 14, 5710-5718	3.5	10
61	Stereoselective Cyclopropanation of (□)-Levoglucosenone Derivatives Using Sulfonium and Sulfoxonium Ylides. *Synthesis*, **2017**, 49, 2652-2662	2.9	9
60	Structural systematics of some trinuclear alkynyl and diynyl Group 11 complexes containing dppm [dppm = CH2(PPh2)2]. *Coordination Chemistry Reviews*, **2018**, 375, 2-12	23.2	9
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58	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	2.3	9
57	Anion-□interactions of hexaaryl[3]radialenes. *Journal of Physical Chemistry A*, **2012**, 116, 8001-7	2.8	9
56	Complexation and structural studies of a sulfonamide aza-15-crown-5 derivative. *Inorganic Chemistry Communication*, **2010**, 13, 593-598	3.1	9
55	Mono- and dinuclear ruthenium complexes of bridging ligands incorporating two di-2-pyridylamine motifs: Synthesis, spectroscopy and electrochemistry. *Polyhedron*, **2007**, 26, 5370-5381	2.7	9
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53	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	2.3	9
52	Pre-organisation or a hydrogen bonding mismatch: silver(I) diamide ligand coordination polymers versus discrete metallo-macrocyclic assemblies. *Supramolecular Chemistry*, **2012**, 24, 627-640	1.8	8
51	Crystal Structure, Sensitiveness and Theoretical Explosive Performance of Xylitol Pentanitrate (XPN). *Propellants, Explosives, Pyrotechnics*, **2019**, 44, 541-549	1.7	7
50	Utilising hinged ligands in MOF synthesis: a covalent linking strategy for forming 3D MOFs. *CrystEngComm*, **2014**, 16, 6364-6371	3.3	7
49	Building blocks for coordination polymers: self-assembled cleft-like and planar discrete metallo-macrocyclic complexes. *Dalton Transactions*, **2012**, 41, 4497-505	4.3	7
48	Triazolium-Containing Metal□Organic Frameworks: Control of Catenation in 2D Copper(II) Paddlewheel Structures. *Australian Journal of Chemistry*, **2013**, 66, 409	1.2	7
47	Bisketene Equivalents as Diels-Alder Dienes. *Journal of the American Chemical Society*, **2020**, 142, 13328-13333	14.4	7
46	MOF matrix isolation: cooperative conformational mobility enables reliable single crystal transformations. *Faraday Discussions*, **2021**, 225, 84-99	3.6	7
45	Tuning Molecular Solar Thermal Properties by Modification of a Promising Norbornadiene Photoswitch. *European Journal of Organic Chemistry*, **2019**, 2019, 2354-2361	3.2	6

44	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	4.2	6
43	Boronate Ester Bullvalenes. *Journal of the American Chemical Society*, **2020**, 142, 3680-3685	16.4	6
42	Revision of the Phytochemistry of Eremophila sturtii and E. mitchellii. *Journal of Natural Products*, **2018**, 81, 405-409	4.9	6
41	Isomer Interconversion Studied through Single-Crystal to Single-Crystal Transformations in a Metal□Organic Framework Matrix. *Organometallics*, **2019**, 38, 3412-3418	3.8	6
40	-Quinone Methide Cyclizations Inspired by the Busseihydroquinone Family of Natural Products. *Organic Letters*, **2019**, 21, 8304-8307	6.2	6
39	Encapsulation of polyoxometalates within layered metal□organic frameworks with topological and pore control. *CrystEngComm*, **2013**, 15, 9340	3.3	6
38	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	1.2	6
37	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	1.2	6
36	Influence of the Synthesis and Storage Conditions on the Activity of Lipase B ZIF-8 Biocomposites. *ACS Applied Materials & Interfaces*, **2021**,	9.5	6
35	Single-Crystal-to-Single-Crystal Transformations of Metal-Organic-Framework-Supported, Site-Isolated Trigonal-Planar Cu(I) Complexes with Labile Ligands. *Inorganic Chemistry*, **2021**, 60, 11775-11783	5.1	6
34	Syntheses and structures of some complexes containing M3(□dppm)3 moieties (M = Cu, Ag) linking C4{M?Lx} groups [M?Lx= Re(CO)3(Bu2-bpy), Ru(dppe)Cp*]. *Inorganica Chimica Acta*, **2016**, 453, 654-666	2.7	5
33	Biomimetic Synthesis of Hyperjapones F-I. *Australian Journal of Chemistry*, **2018**, 71, 649	1.2	5
32	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		4
31	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	1.6	4
30	Synthesis and crystal structure of a 2nm long rectangular copper dimetallomacrocycle § View all notes. *Journal of Coordination Chemistry*, **2008**, 61, 117-123	1.6	4
29	Biomimetic Synthetic Studies on the Bruceol Family of Meroterpenoid Natural Products. *Journal of Organic Chemistry*, **2020**, 85, 2103-2117	4.2	4
28	A metal-organic framework supported iridium catalyst for the gas phase hydrogenation of ethylene. *Chemical Communications*, **2020**, 56, 15313-15316	5.8	4
27	Dual Laser Study of Non-Degenerate Two Wavelength Upconversion Demonstrated in Sensitizer-Free NaYF4:Pr Nanoparticles. *Advanced Optical Materials*, **2021**, 9, 2001903	8.1	4

26	Engineering Isoreticular 2D Metal□Organic Frameworks with Inherent Structural Flexibility. *Australian Journal of Chemistry*, **2017**, 70, 566	1.2	3
25	Silver(I) coordination polymers of the □inged□pyrazine containing ligand di-2-pyrazinylmethane. *Supramolecular Chemistry*, **2015**, 27, 807-819	1.8	3
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22	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		3
21	In Situ MOF-Templating of Rh Nanocatalysts under Reducing Conditions. *Australian Journal of Chemistry*, **2020**, 73, 1271	1.2	3
20	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	1.2	3
19	The biochemical fate of Ag ions in Staphylococcus aureus, Escherichia coli, and biological media. *Journal of Inorganic Biochemistry*, **2021**, 225, 111598	4.2	3
18	Biomimetic Total Synthesis of Erectones A and B, and the Revised Structure of Hyperelodione D.. *Angewandte Chemie - International Edition*, **2022**,	16.4	3
17	Biomimetic Total Synthesis of (□)-Verrubenzospirolactone. *Angewandte Chemie*, **2017**, 129, 8652-8655	3.6	2
16	Biomimetic Synthesis of Mitchellenes B-H from the Abundant Biological Precursor 14-Hydroxy-6,12-muuroloadien-15-oic Acid. *Journal of Organic Chemistry*, **2019**, 84, 9637-9647	4.2	2
15	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	1.2	2
14	Facile Multistep Synthesis of ZnO-Coated □NaYF:Yb/Tm Upconversion Nanoparticles as an Antimicrobial Photodynamic Therapy for Persistent Small Colony Variants.. *ACS Applied Bio Materials*, **2021**, 4, 6125-6136	4.1	2
13	Staggered pillaring: a strategy to control layer□layer packing and enhance porosity in MOFs. *Journal of Coordination Chemistry*, **2016**, 69, 1802-1811	1.6	2
12	Biomimetic and Biocatalytic Synthesis of Bruceol. *Angewandte Chemie*, **2019**, 131, 1441-1445	3.6	2
11	A domino Kornblum-DeLaMare/aza-Michael reaction of 3,6-dihydro-1,2-dioxines and application to the synthesis of the ceramide transport inhibitor (□)-HPA-12. *Tetrahedron*, **2018**, 74, 1229-1239	2.4	2
10	Some reactions of azides with diynyl-bis(phosphine)ruthenium-cyclopentadienyl complexes. *Journal of Organometallic Chemistry*, **2015**, 797, 185-193	2.3	1
9	Synthesis, Characterization and Crystal Structure of Coordination Polymers Developed as Anion Receptor. *Solid State Phenomena*, **2018**, 273, 134-139	0.4	1

8	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	1.6	1
7	Elucidating pore chemistry within metal□organic frameworks via single crystal X-ray diffraction; from fundamental understanding to application. *CrystEngComm*, **2021**, 23, 2185-2195	3.3	1
6	Crystal Structure of 1,2-Bis[N,N?-6-(3-pyridylmethylamido)pyridyl-2-carboxyamido]ethane. *X-ray Structure Analysis Online*, **2018**, 34, 31-32	0.2	1
5	Coordination modulated on-off switching of flexibility in a metal-organic framework. *Chemical Science*, **2021**, 12, 14893-14900	9.4	0
4	Structural modulation of the photophysical and electronic properties of pyrene-based 3D metal□organic frameworks derived from s-block metals. *CrystEngComm*, **2021**, 23, 82-90	3.3	0
3	Visible-Light Photoredox Catalysis Enables the Biomimetic Synthesis of Nyingchinoids A, B, and D, and Rasumatranin D. *Angewandte Chemie*, **2019**, 131, 2817-2820	3.6	
2	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	2.3	
1	MOFs and Biomacromolecules for Biomedical Applications **2021**, 379-432		