

Associa€prof Jack K Clegg

List of Publications by Year in descending order

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209
papers

6,859
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57758

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232
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#	ARTICLE	IF	CITATIONS
1	A Self-Assembled M ₈ L ₆ Cubic Cage that Selectively Encapsulates Large Aromatic Guests. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3479-3483.	13.8	350
2	Anion-induced reconstitution of a self-assembling system to express a chloride-binding Co ₁₀ L ₁₅ pentagonal prism. <i>Nature Chemistry</i> , 2012, 4, 751-756.	13.6	253
3	Atomic resolution of structural changes in elastic crystals of copper(II) acetylacetonate. <i>Nature Chemistry</i> , 2018, 10, 65-69.	13.6	249
4	Encapsulation, storage and controlled release of sulfur hexafluoride from a metal-organic capsule. <i>Chemical Communications</i> , 2011, 47, 457-459.	4.1	207
5	Reactivity modulation in container molecules. <i>Chemical Science</i> , 2011, 2, 51-56.	7.4	202
6	Subcomponent Self-Assembly and Guest-Binding Properties of Face-Capped Fe ₄ L ₄ ⁸⁺ Capsules. <i>Journal of the American Chemical Society</i> , 2012, 134, 5110-5119.	13.7	163
7	Crystallization of CsPbBr ₃ single crystals in water for X-ray detection. <i>Nature Communications</i> , 2021, 12, 1531.	12.8	161
8	Controlling the Transmission of Stereochemical Information through Space in Terphenyl-Edged Fe ₄ L ₆ Cages. <i>Journal of the American Chemical Society</i> , 2011, 133, 13652-13660.	13.7	156
9	Five Discrete Multinuclear Metal-Organic Assemblies from One Ligand: Deciphering the Effects of Different Templates. <i>Journal of the American Chemical Society</i> , 2013, 135, 2723-2733.	13.7	150
10	Selective anion binding by a "Chameleon" capsule with a dynamically reconfigurable exterior. <i>Chemical Science</i> , 2011, 2, 638-641.	7.4	143
11	A stimuli responsive system of self-assembled anion-binding Fe ₄ L ₆ ⁸⁺ cages. <i>Chemical Science</i> , 2013, 4, 68-76.	7.4	113
12	Metallosupramolecular self-assembly of a universal 3-ravel. <i>Nature Communications</i> , 2011, 2, 205.	12.8	104
13	Triangles and tetrahedra: metal directed self-assembly of metallo-supramolecular structures incorporating bis- β -diketonato ligands. <i>Dalton Transactions</i> , 2004, , 2417-2423.	3.3	101
14	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P ₄ (N ⁺ <i>t</i> Bu) ₆ : Enabled by Mechanochemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12736-12740.	13.8	98
15	Nonlinear Enhancement of Chiroptical Response through Subcomponent Substitution in M ₄ L ₆ Cages. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1464-1468.	13.8	91
16	Hierarchical Self-Assembly of a Chiral Metal-Organic Framework Displaying Pronounced Porosity. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1075-1078.	13.8	90
17	A new Fell quaterpyridyl M ₄ L ₆ tetrahedron exhibiting selective anion binding. <i>Chemical Communications</i> , 2008, , 1190.	4.1	89
18	Cation- and Anion-Exchanges Induce Multiple Distinct Rearrangements within Metallosupramolecular Architectures. <i>Journal of the American Chemical Society</i> , 2014, 136, 9491-9498.	13.7	86

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19	Dinuclear bis- β^2 -diketonato ligand derivatives of iron(III) and copper(II) and use of the latter as components for the assembly of extended metallo-supramolecular structures. Dalton Transactions, 2005, , 857-864.	3.3	84
20	Elastically flexible molecular crystals. Chemical Society Reviews, 2021, 50, 11725-11740.	38.1	81
21	Unprecedented encapsulation of a $[FeIII Cl_4]^-$ anion in a cationic $[FeII_4 L_6]^{8+}$ tetrahedral cage derived from 5,5'-dimethyl-2,2'-bis(5,5'-bis(2,2'-quaterpyridine). Chemical Science, 2011, 2, 540-543. ⁷⁵	7.4	75
22	Selective Assembly and Disassembly of a Water-Soluble $Fe_{10}L_{15}$ Prism. Angewandte Chemie - International Edition, 2013, 52, 4837-4840.	13.8	74
23	Guest Binding Subtly Influences Spin Crossover in an $Fe_{II}L_4$ Capsule. Chemistry - A European Journal, 2013, 19, 8058-8062.	3.3	72
24	Self-assembled Metallo-supramolecular Systems Incorporating β^2 -Diketone Motifs as Structural Elements. Advances in Inorganic Chemistry, 2006, 59, 1-37.	1.0	69
25	Bidirectional Regulation of Halide Binding in a Heterometallic Supramolecular Cube. Angewandte Chemie - International Edition, 2013, 52, 13439-13443.	13.8	69
26	Extended three-dimensional supramolecular architectures derived from trinuclear (bis- β^2 -diketonato)copper(II) metallocycles. Dalton Transactions, 2006, , 3114-3121.	3.3	67
27	Self-Assembly of an Imidazolate-Bridged Fe_{III}/Cu_{II} Heterometallic Cage. Inorganic Chemistry, 2014, 53, 688-690.	4.0	66
28	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. Angewandte Chemie - International Edition, 2018, 57, 11325-11328.	13.8	66
29	New discrete and polymeric supramolecular architectures derived from dinuclear (bis- β^2 -diketonato)copper(II) metallocycles. Dalton Transactions, 2006, , 3977-3984.	3.3	63
30	Microwave Synthesis of a Rare $[Ru_2L_3]^{4+}$ Triple Helicate and Its Interaction with DNA. Chemistry - A European Journal, 2008, 14, 10535-10538.	3.3	63
31	Transformations within a Network of Cadmium Architectures. Angewandte Chemie - International Edition, 2013, 52, 1017-1021.	13.8	63
32	An expanded neutral M ₄ L ₆ cage that encapsulates four tetrahydrofuran molecules. Chemical Communications, 2011, 47, 6042.	4.1	60
33	Transformative Binding and Release of Gold Guests from a Self-Assembled Cu_8L_4 Tube. Angewandte Chemie - International Edition, 2012, 51, 1881-1884.	13.8	56
34	Expanding the 4,4'-bipyridine ligand: Structural variation in $\{M(pytpy)_2\}^{2+}$ complexes (pytpy = 4-(4-pyridyl)-2,6-terpyridine, M = Fe, Ni, Ru) and assembly of the hydrogen-bonded, one-dimensional polymer. Inorganica Chimica Acta, 2008, 361, 2582-2590.	2.4	55
35	Guanidinium Binding Modulates Guest Exchange within an $[M_4L_6]$ Capsule. Angewandte Chemie - International Edition, 2012, 51, 6882-6885.	13.8	54
36	Silver(I) complexation of linked 2,2'-dipyridylamine derivatives. Synthetic, solvent extraction, membrane transport and X-ray structural studies. Dalton Transactions, 2006, , 4783-4794.	3.3	51

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37	New nickel(ii) and iron(ii) helicates and tetrahedra derived from expanded quaterpyridines. Dalton Transactions, 2011, 40, 10481.	3.3	51
38	Solvent-Dependent Host-Guest Chemistry of an Fe ₈ L ₁₂ Cubic Capsule. Angewandte Chemie - International Edition, 2013, 52, 1944-1948.	13.8	51
39	Cobalt complexes with tripodal ligands: implications for the design of drug chaperones. Dalton Transactions, 2012, 41, 11293.	3.3	50
40	Synthesis of All-Cyclic Tetrapeptides Using Pseudoprolines as Removable Turn Inducers. Organic Letters, 2010, 12, 3136-3139.	4.6	47
41	Chain-Reaction Anion Exchange between Metal-Organic Cages. Journal of the American Chemical Society, 2013, 135, 5678-5684.	13.7	47
42	The mechanism of bending in a plastically flexible crystal. Chemical Communications, 2020, 56, 12841-12844.	4.1	47
43	Interaction of an extended series of N-substituted di(2-picolyl)amine derivatives with copper(II). Synthetic, structural, magnetic and solution studies. Dalton Transactions, 2009, , 4795.	3.3	45
44	Approach to 10-Unit -Bracket- Frameworks Based on Coordination of Alkyl-Substituted Cucurbit[5]urils and Potassium Ions. Crystal Growth and Design, 2010, 10, 5113-5116.	3.0	45
45	A Mixed-Spin Molecular Square with a Hybrid [2-2]Grid/Metallo-cyclic Architecture. Angewandte Chemie - International Edition, 2011, 50, 2820-2823.	13.8	45
46	Synthetic, structural, electrochemical and solvent extraction studies of neutral trinuclear Co(ii), Ni(ii), Cu(ii) and Zn(ii) metallocycles and tetrahedral tetranuclear Fe(iii) species incorporating 1,4-aryl-linked bis- β^2 -diketonato ligands. Dalton Transactions, 2008, , 1331.	3.3	44
47	An Adaptable Water-Soluble Molecular Boat for Selective Separation of Phenanthrene from Isomeric Anthracene. Journal of the American Chemical Society, 2022, 144, 7504-7513.	13.7	41
48	Dicarbido-dodecaborane(12) derivatives of phosphonium salts: easy formation of nido-carborane phosphonium zwitterions. Dalton Transactions, 2007, , 1982.	3.3	40
49	Hybrid cyclic peptide-thiourea cryptands for anion recognition. Chemical Communications, 2011, 47, 463-465.	4.1	40
50	Empirical and Theoretical Insights into the Structural Features and Host-Guest Chemistry of M ₈ L ₄ Tube Architectures. Journal of the American Chemical Society, 2014, 136, 3972-3980.	13.7	40
51	Neutral (bis- β^2 -diketonato) iron(iii), cobalt(ii), nickel(ii), copper(ii) and zinc(ii) metallocycles: structural, electrochemical and solvent extraction studies. Dalton Transactions, 2007, , 1719-1730.	3.3	39
52	Recent developments in the metallo-supramolecular chemistry of oligo- β^2 -diketonato ligands. Coordination Chemistry Reviews, 2018, 375, 106-133.	18.8	39
53	Spin-crossover behaviors in solvated cobalt(ii) compounds. Dalton Transactions, 2015, 44, 9345-9348.	3.3	37
54	A large spin-crossover [Fe ₄ L ₄] ⁸⁺ tetrahedral cage. Journal of Materials Chemistry C, 2015, 3, 7878-7882.	5.5	36

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55	New discrete and polymeric supramolecular architectures derived from dinuclear Co(ii), Ni(ii) and Cu(ii) complexes of aryl-linked bis- β^2 -diketonato ligands and nitrogen bases: synthetic, structural and high pressure studies. Dalton Transactions, 2010, 39, 2804.	3.3	35
56	Di-, tri- and oligometallic platforms: Versatile components for use in metallo-supramolecular chemistry. Coordination Chemistry Reviews, 2013, 257, 2536-2550.	18.8	35
57	Copper(I) Templated Synthesis of a 2,2'-Bipyridine Derived 2-Catenane: Synthetic, Modelling, and X-ray Studies. Australian Journal of Chemistry, 2009, 62, 1014.	0.9	34
58	Reactive Indolyl Complexes of Group 9 Metals. Organometallics, 2006, 25, 5800-5810.	2.3	33
59	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. CrystEngComm, 2013, 15, 1994.	2.6	33
60	Structural similarities in enzymatic, homogeneous and heterogeneous catalysts of water oxidation. Chemical Science, 2011, 2, 2254.	7.4	32
61	Guest Binding Drives Host Redistribution in Libraries of Co II 4 L 4 Cages. Angewandte Chemie - International Edition, 2020, 59, 11369-11373.	13.8	32
62	Interaction of Copper(II) with Ditopic Pyridyl- β^2 -diketone Ligands: Dimeric, Framework, and Metallogel Structures. Crystal Growth and Design, 2011, 11, 1697-1704.	3.0	30
63	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane $P_4(N_6)_{10}Bu_6$: Enabled by Mechanochemistry. Angewandte Chemie, 2016, 128, 12928-12932.	2.0	30
64	Pre-designed Hexanuclear Cu_{12} and Cu_{12}/Ni_{12} Metallacycles Featuring Six-Node Metallacoronand Structural Motifs. Angewandte Chemie - International Edition, 2009, 48, 7059-7063.	13.8	29
65	One-Dimensional Coordination Polymers of Lanthanide Cations to Cucurbit[7]uril Built Using a Range of Tetrachloride Transition-Metal Dianion Structure Inducers. Polymers, 2013, 5, 418-430.	4.5	29
66	Synthesis and analysis of the anticancer activity of platinum(II) complexes incorporating dipyridoquinoxaline variants. Dalton Transactions, 2014, 43, 15566-15575.	3.3	29
67	Synthesis and Analysis of the Structure, Diffusion and Cytotoxicity of Heterocyclic Platinum(IV) Complexes. Chemistry - A European Journal, 2015, 21, 16990-17001.	3.3	28
68	A three-dimensional cubic halogen-bonded network. Chemical Communications, 2018, 54, 3974-3976.	4.1	28
69	Interaction of copper(II) and palladium(II) with linked 2,2'-dipyridylamine derivatives: Synthetic and structural studies. Polyhedron, 2008, 27, 2889-2898.	2.2	27
70	Formation of a Dicopper Platform Based Polyrotaxane Whose String and Bead Are Constructed from the Same Components. Journal of the American Chemical Society, 2015, 137, 9535-9538.	13.7	27
71	Cobalt(II), Copper(II), and Zinc(II) Framework Systems Derived from Ditopic Pyridyl-Acetylacetonate and Pyridyl-Pyrazole Ligands. Crystal Growth and Design, 2007, 7, 972-979.	3.0	26
72	Reversible anion-templated self-assembly of [2+2] and [3+3] metallomacrocycles containing a new dicopper(I) motif. Chemical Communications, 2011, 47, 6021.	4.1	26

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73	Post-Assembly Covalent Di- and Tetracapping of a Dinuclear [Fe ₂ L ₃] ⁴⁺ Triple Helicate and Two [Fe ₄ L ₆] ⁸⁺ Tetrahedra Using Sequential Reductive Aminations. <i>Inorganic Chemistry</i> , 2015, 54, 6986-6992.	4.0	26
74	Rational ligand design for metal ion recognition. Synthesis of a N-benzylated N2S3-donor macrocycle for enhanced silver(i) discrimination. <i>Dalton Transactions</i> , 2006, , 5115.	3.3	25
75	Positive and Negative Two-Dimensional Thermal Expansion via Relaxation of Node Distortions. <i>Inorganic Chemistry</i> , 2018, 57, 11588-11596.	4.0	25
76	Controlling Spin Switching with Anionic Supramolecular Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 3229-3234.	6.7	25
77	Synthesis of Symmetric Dinitro-Functionalised Tröger's Base Analogues. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 687-698.	2.4	24
78	Nickel(ii) and iron(ii) triple helicates assembled from expanded quaterpyridines incorporating flexible linkages. <i>Dalton Transactions</i> , 2011, 40, 12153.	3.3	23
79	Zero in-Plane Thermal Expansion in Guest-Tunable 2D Coordination Polymers. <i>Inorganic Chemistry</i> , 2017, 56, 6225-6233.	4.0	23
80	Determining the mechanisms of deformation in flexible crystals using micro-focus X-ray diffraction. <i>CrystEngComm</i> , 2021, 23, 5731-5737.	2.6	23
81	Assembly of a trinuclear metallo-capsule from a tripodal tris(β ² -diketone) derivative and copper(ii). <i>Dalton Transactions</i> , 2008, , 1683.	3.3	22
82	Doubly phenoxo-bridged M ⁺ Na (M=Cu(II), Ni(II)) complexes of tetradentate Schiff base: Structure, photoluminescence, EPR, electrochemical studies and DFT computation. <i>Polyhedron</i> , 2014, 78, 62-71.	2.2	21
83	Three-Way Switchable Single-Crystal-to-Single-Crystal Solvatomorphic Spin Crossover in a Molecular Cocrystal. <i>Chemistry of Materials</i> , 2020, 32, 10076-10083.	6.7	21
84	Oligo-β ² -diketones as versatile ligands for use in metallo-supramolecular chemistry: Recent progress and perspectives. <i>Coordination Chemistry Reviews</i> , 2022, 455, 214355.	18.8	21
85	Co-Crystallisation of 1,4-Diiodotetrafluorobenzene with Three Different Symmetric Dipyridylacetylacetone Isomers Produces Four Halogen-Bonded Architectures. <i>Australian Journal of Chemistry</i> , 2017, 70, 594.	0.9	20
86	Efficient ring-opening polymerization (ROP) of μ-caprolactone catalysed by isomeric pyridyl β ² -diketonate iron(III) complexes. <i>New Journal of Chemistry</i> , 2017, 41, 14457-14465.	2.8	20
87	Reversible Pressure-Controlled Depolymerization of a Copper(II)-Containing Coordination Polymer. <i>Chemistry - A European Journal</i> , 2017, 23, 12480-12483.	3.3	20
88	Metal induced folding: synthesis and conformational analysis of the lanthanide complexes of two 44-membered hydrazone macrocycles. <i>Dalton Transactions</i> , 2012, 41, 3780.	3.3	19
89	Uranium(VI) hybrid materials with [(UO ₂) ₃ (μ ₃ -O)(μ ₂ -OH) ₃] ⁵⁺ as the sub ⁺ building unit via uranyl ⁺ cation interactions. <i>ChemistrySelect</i> , 2016, 1, 7-12.		19
90	The beer and biofuels laboratory: A report on implementing and supporting a large, interdisciplinary, yeast-focused course-based undergraduate research experience. <i>Biochemistry and Molecular Biology Education</i> , 2018, 46, 213-222.	1.2	19

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91	Guest Removal and External Pressure Variation Induce Spin Crossover in Halogen-Functionalized 2-D Hofmann Frameworks. <i>Inorganic Chemistry</i> , 2020, 59, 14296-14305.	4.0	19
92	Complexation, Computational, Magnetic, and Structural Studies of the Maillard Reaction Product Isomaltol Including Investigation of an Uncommon π Interaction with Copper(II). <i>Inorganic Chemistry</i> , 2011, 50, 1498-1505.	4.0	18
93	Quantification of the mixed-valence and intervalence charge transfer properties of a cofacial metal-organic framework via single crystal electronic absorption spectroscopy. <i>Chemical Science</i> , 2020, 11, 5213-5220.	7.4	18
94	Proton and anion control of framework complexity in copper(II) complex structures derived from 2-(hydroxymethyl)pyridine. <i>Polyhedron</i> , 2007, 26, 673-678.	2.2	17
95	A mixed-spin spin-crossover thiozolyimine $[Fe_4L_6]^{8+}$ cage. <i>Dalton Transactions</i> , 2019, 48, 9935-9938.	3.3	17
96	New bis-Pyrazole Derivatives Synthesized From Aryl- and Xylyl-Linked bis(β -diketone) Precursors. <i>Synthetic Communications</i> , 2006, 36, 707-714.	2.1	16
97	Solution Processable Deep-Red Phosphorescent Pt(II) Complex: Direct Conversion from Its Pt(IV) Species via a Base-Promoted Reduction. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1304-1313.	4.3	16
98	Four Zinc(II) Helical Coordination Polymers and 78-Membered Six-Node Zinc Metallacycle Assembled from Diastereopure N,N'-Bis(acetylacetonate)cyclohexanediamine. <i>Inorganic Chemistry</i> , 2008, 47, 10053-10061.	4.0	15
99	Multi-pyridine decorated Fe(II) and Ru(II) complexes by Pd(0)-catalysed cross couplings: new building blocks for metallosupramolecular assemblies. <i>Dalton Transactions</i> , 2013, 42, 15625.	3.3	15
100	Hierarchical assembly of discrete copper(II) metallo-structures from pre-assembled dinuclear (bis- β -diketonato)metallocycles and flexible difunctional co-ligands. <i>Dalton Transactions</i> , 2013, 42, 14315.	3.3	15
101	Orange-Red Light-Emitting Field-Effect Transistors Based on Phosphorescent Pt(II) Complexes with Area Emission. <i>Advanced Optical Materials</i> , 2016, 4, 1867-1874.	7.3	15
102	Three Distinct Spin-Crossover Pathways in Halogen-Appended 2D Hofmann Frameworks. <i>Inorganic Chemistry</i> , 2021, 60, 3871-3878.	4.0	15
103	The mechanism of bending in co-crystals of caffeine and 4-chloro-3-nitrobenzoic acid. <i>Nature Communications</i> , 2021, 12, 5983.	12.8	15
104	An unprecedented bridging $[Ag_2(NO_3)_6]^{4-}$ anion as a component of an infinite silver(I) molecular ladder incorporating a dinuclear cationic silver complex of a bis-dipyridylamine ligand. <i>CrystEngComm</i> , 2006, 8, 748-750.	2.6	14
105	A new 34-membered N ₆ O ₄ -donor macrocycle: synthetic, X-ray and solvent extraction studies. <i>New Journal of Chemistry</i> , 2008, 32, 132-137.	2.8	14
106	Chelation-controlled molecular morphology: amination to imine rearrangements. <i>Dalton Transactions</i> , 2012, 41, 4335.	3.3	14
107	A mixed valent heterometallic Cu^{II}/Na^I coordination polymer with sodium-phenyl bonds. <i>Dalton Transactions</i> , 2014, 43, 5558-5563.	3.3	14
108	A 2-D coordination polymer incorporating cobalt(II), 2-sulfoterephthalate and the flexible bridging ligand 1,3-di(4-pyridyl)propane. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 157-163.	6.0	14

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109	Di- and Tri-Nuclear Copper(II) Metallochromes: Building Blocks for Supramolecular Chemistry. Australian Journal of Chemistry, 2006, 59, 660.	0.9	14
110	Self-Assembly of a Metallomacrocyclic Template by Iron(II). Inorganic Chemistry, 2011, 50, 726-728.	4.0	13
111	Guest Binding Drives Host Redistribution in Libraries of Co ^{II} L ₄ Cages. Angewandte Chemie, 2020, 132, 11465-11469.	2.0	13
112	Neutral cryptand-like cyclic peptide-thiourea receptors for selective recognition of sulphate anions in aqueous solvents. Supramolecular Chemistry, 2012, 24, 77-87.	1.2	12
113	Mono- and dinuclear Ni(II), Cu(II), Zn(II) and Fe(III) complexes of symmetric and unsymmetric Schiff bases incorporating salicylimine functions. Synthetic and structural studies. Polyhedron, 2014, 74, 113-121.	2.2	12
114	Spin-State Patterning in an Iron(II) Tripodal Spin-Crossover Complex. ACS Omega, 2017, 2, 3349-3353.	3.5	12
115	Mobility Evaluation of [1]Benzothieno[3,2-b]benzothiophene Derivatives: Limitation and Impact on Charge Transport. ACS Applied Materials & Interfaces, 2019, 11, 3271-3279.	8.0	12
116	Supramolecular Modulation of Spin Crossover in an Fe(II) Dinuclear Triple Helicate. Inorganic Chemistry, 2021, 60, 6731-6738.	4.0	12
117	Charge Neutral [Cu ₂ L ₂] and [Pd ₂ L ₂] Metallochromes: Self-Assembly, Aggregation, and Catalysis. Inorganic Chemistry, 2021, 60, 9673-9679.	4.0	12
118	A new nickel(II) coordination polymer derived from		

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127	Self-Assembly of an Octanuclear High-Spin FeII Molecular Cage. Australian Journal of Chemistry, 2014, 67, 1625.	0.9	10
128	Selective hydroxylation of 1,8- and 1,4-cineole using bacterial P450 variants. Archives of Biochemistry and Biophysics, 2019, 663, 54-63.	3.0	10
129	Self-Assembly of a Pd ₈ Macrocycle and Pd ₁₂ Homochiral Tetrahedral Cages Using Poly(tetrazolate) Linkers. Inorganic Chemistry, 2020, 59, 15454-15459.	4.0	10
130	Aqua[bis(2-pyridylmethyl)amine][chelidonato(1.5 ⁻)]copper(II) chelidonate(0.5 ⁻) monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3582-m3584.	0.2	9
131	Synthesis and preliminary DNA-binding studies of diimineplatinum(II) complexes containing 3- or 4-pyridineboronic acid. Dalton Transactions, 2007, , 2121.	3.3	9
132	Solid-State and Solution-Phase Conformations of Pseudoproline-Containing Dipeptides. Australian Journal of Chemistry, 2009, 62, 711.	0.9	9
133	Self-assembly of bis- β^2 -diketone-based [M ₂ L ₂] ₂ dinuclear platforms into 2-dimensional coordination polymers. CrystEngComm, 2019, 21, 4786-4791.	2.6	9
134	Halogen-Bond-Modulated Organization of [Ni(terpy-ph) ₂] ₂ Complexes in Heteromeric Three-Component Systems. Crystal Growth and Design, 2019, 19, 5334-5342.	3.0	9
135	Dual-supramolecular contacts induce extreme Hofmann framework distortion and multi-stepped spin-crossover. Dalton Transactions, 2021, 50, 1434-1442.	3.3	9
136	Controlling the Complexity and Interconversion Mechanisms in Self-Assembled [Fe ₂ L ₃] ⁴⁺ Helicates and [Fe ₄ L ₆] ⁸⁺ Cages. Angewandte Chemie - International Edition, 2022, 61, e202115555.	13.8	9
137	Synthesis and co-crystallisation behaviour of copper(II) complexes of two isomeric p-tolyl-terpyridines. Journal of Coordination Chemistry, 2008, 61, 3-13.	2.2	8
138	Interaction of copper(II) with N-substituted bis(2-pyridylmethyl)amine derivatives. Inorganic Chemistry Communication, 2010, 13, 1148-1151.	3.9	8
139	Liquid-liquid extraction studies with 4,4'-biphenylene-spaced bis- β^2 -diketones. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 319-329.	1.6	8
140	Metal Template Synthesis of a Tripodal Tris(bipyridyl) Receptor that Encapsulates a Proton and an Iron(II) Centre in a Pseudo Cage. Australian Journal of Chemistry, 2012, 65, 1371.	0.9	8
141	Discrete and polymeric complexes formed from cobalt(II), 4,4'-bipyridine and 2-sulfoterephthalate: synthetic, crystallographic and magnetic studies. CrystEngComm, 2015, 17, 4502-4511.	2.6	8
142	Adducts of aqua complexes of Ln ³⁺ with ortho-tetramethyl substituted cucurbituril: Potential applications for isolation of heavier lanthanides. Polyhedron, 2015, 91, 150-154.	2.2	8
143	Straightening out halogen bonds. CrystEngComm, 2020, 22, 1687-1690.	2.6	8
144	Hydroxo-bridged 1-D coordination polymer of Cu(II) incorporating with salicyladimine precursor: Spectral and temperature dependent magneto structural correlation. Inorganic Chemistry Communication, 2012, 24, 216-220.	3.9	7

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145	Synthesis and characterisation of new tripodal lanthanide complexes and investigation of their optical and magnetic properties. <i>Dalton Transactions</i> , 2017, 46, 12177-12184.	3.3	7
146	Dynamic NMR and Computational Studies Inform the Conformational Description of Dendrillane Terpenes from the Nudibranch <i>Goniobranchus coi</i> . <i>Journal of Natural Products</i> , 2020, 83, 714-719.	3.0	7
147	N-Bridged Acyclic Trimeric Poly-Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22100-22108.	13.8	7
148	Structural Origin of Magnetic Hysteresis in an Iron(III) Spin-Crossover Material. <i>Crystal Growth and Design</i> , 2020, 20, 7006-7011.	3.0	7
149	Rhenium(^I) complexation-dissociation strategy for synthesising fluorine-18 labelled pyridine bidentate radiotracers. <i>RSC Advances</i> , 2020, 10, 8853-8865.	3.6	7
150	Dinuclear triple stranded phenyl-spaced 1,3-bis- β^2 -diketonato lanthanide(^{III}) complexes: synthesis, structures and spectroscopy. <i>Dalton Transactions</i> , 2021, 50, 4874-4879.	3.3	7
151	Co ₃ (PO ₄) ₂ ·4H ₂ O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, i67-i68.	0.2	6
152	Molecular capsules and coordination polymers from a backbone-modified cyclic peptide bearing pyridyl arms. <i>Supramolecular Chemistry</i> , 2012, 24, 508-519.	1.2	6
153	Cobalt(^{II}), iron(^{II}), zinc(^{II}) and palladium(^{II}) complexes of di-topic 4-{4-[bis(2-pyridyl)aminomethyl]phenyl}-2,2,6,6-tetrapyridine. <i>Synthetic and X-ray structural studies</i> . <i>CrystEngComm</i> , 2014, 16, 6476-6482.		6
154	Adducts of aqua complexes of Ln ³⁺ with hexahydroxyhexamethylcucurbit[6]uril: potential application in the isolation of heavy lanthanides. <i>New Journal of Chemistry</i> , 2016, 40, 2763-2767.	2.8	6
155	Regulation of Multistep Spin Crossover Across Multiple Stimuli in a 2-D Framework Material. <i>Inorganic Chemistry</i> , 2022, 61, 6641-6649.	4.0	6
156	Bis(2,2,6,6-tetranitroethanol)cobalt(II) bis(acetate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m2429-m2431.	0.2	5
157	Copper(II), iron(III) and cobalt(III) complexes of the pendent-arm cyclam derivative 6,6,13-trimethyl-13-amino-1,4,8,11-tetraazacyclotetradecane. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 49-57.	1.6	5
158	Tetraammonium diaquadiperoxidoctamolybdate(VI) tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, i53-i54.	0.2	5
159	Silver(I) Coordination Polymers Incorporating Neutral β^3 -Carbon Bound <i>N,N'</i> -Bis(acetylacetonate)alkanediimine Units. <i>Crystal Growth and Design</i> , 2011, 11, 5688-5695.	3.0	5
160	Structural diversity in coordination polymers constructed from a naphthalene-spaced dipyridyl ligand and iron(II) thiocyanate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 71, 381-388.	1.6	5
161	Pendent Nucleophiles on Coordination Complexes: Hydrogen-Bond Donor and Acceptor Ability. <i>Australian Journal of Chemistry</i> , 2012, 65, 734.	0.9	5
162	Discrete and polymeric supramolecular architectures derived from dinuclear oxovanadium(IV) complexes of aryl-linked bis-diketonato ligands and nitrogen donor co-ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 82, 247-257.	1.6	5

#	ARTICLE	IF	CITATIONS
163	Cytotoxicity of a Series of Norcantharidin-Inspired Tetrahydroepoxyisoindole Carboxamides. <i>ChemMedChem</i> , 2017, 12, 130-145.	3.2	5
164	1,4-Diazacubane crystal structure rectified as piperazinium. <i>Chemical Communications</i> , 2019, 55, 11751-11753.	4.1	5
165	PhICl ₂ is activated by chloride ions. <i>Dalton Transactions</i> , 2021, 50, 11986-11991.	3.3	5
166	Self-Assembly of a Rare High Spin Fe(II)/Pd(II) Tetradecanuclear Cubic Cage Constructed via the Metalloligand Approach. <i>Chemistry</i> , 2022, 4, 535-547.	2.2	5
167	Fixed helical Cd(II) coordination polymers assembled from diastereopure Schiff-base ligands derived from condensation of acetylacetone with 1S,2S- and 1R,2R-cyclohexanediamine. <i>Inorganic Chemistry Communication</i> , 2010, 13, 992-995.	3.9	4
168	Self-assembled Co(II) molecular squares incorporating the bridging ligand 4,7-phenanthroline-5,6:5',6'-pyrazine. <i>Dalton Transactions</i> , 2011, 40, 12388.	3.3	4
169	Comparative investigation of the interaction of Zn(II), Cd(II), Ag(I) and Pb(II) with dibenzo-substituted macrocyclic ligands incorporating both symmetrically and unsymmetrically arranged N, O and S donors: synthetic, solution and X-ray studies. <i>Supramolecular Chemistry</i> , 2012, 24, 572-584.	1.2	4
170	Selective Solvent Extraction of Silver(I) by Tris-Pyridyl Tripodal Ligands and X-Ray Structure of a Silver(I) Coordination Polymer Incorporating One Such Ligand. <i>Australian Journal of Chemistry</i> , 2015, 68, 549.	0.9	4
171	Synthesis and characterisation of two Cu(I) metalloligands based on tetradentate tripodal ligands. <i>Polyhedron</i> , 2017, 125, 44-49.	2.2	4
172	Exocyclic Coordination of Thiamacrocycles Leading to <i>cis</i> - and <i>trans</i> -Palladium(II) Complexes and a Tripalladium(II) Complex Incorporating Acetimide Anhydride. <i>Inorganic Chemistry</i> , 2020, 59, 15807-15812.	4.0	4
173	Comment on "Trimorphs of 4-bromophenyl 4-bromobenzoate. Elastic, brittle, plastic" by S. Saha and G. R. Desiraju. <i>Chem. Commun.</i> , 2018, 54, 6348. <i>Chemical Communications</i> , 2021, 57, 4974-4975.	4.1	4
174	Hierarchical Spin-Crossover Cooperativity in Hybrid 1D Chains of Fe(II)-1,2,4-Triazole Trimers Linked by [Au(CN) ₂] ⁻ Bridges. <i>Chemistry - A European Journal</i> , 2021, 27, 5136-5141.	3.3	4
175	Chapter 10. Functional Metallo-supramolecular Polyhedral Capsules and Cages. <i>Monographs in Supramolecular Chemistry</i> , 0, , 325-387.	0.2	4
176	The chemistry of cobalt acetate. X. The preparations of the mixed ligand cobalt oligomers, [Co ₃ O(C ₆ H ₅ N ₂ O) ₃ (CH ₃ CO ₂) ₃][PF ₆].CH ₃ CN (I), [Co ₄ (1/42-OH) ₂ (1/42-CH ₃ COO) ₂ (CH ₃ CO ₂) ₂ (1/42-C ₁₁ H ₈ NO) ₂][PF ₆] ₂ .CH ₃ OH.3H ₂ O (II) and [Co ₃ O(CH ₃ CO ₂) ₅ (C ₇ H ₆ NO ₂)(py) ₃][BF ₄] ₃ (III) and the crystal structures of (I) and (II). Comparisons with homoleptic cobalt acetate dimers and trimers. <i>Polyhedron</i> , 2013, 52, 909-916.		
177	Synthesis of Two 2,2'-Bipyridine Containing Macrocycles for the Preparation of Interlocked Architectures. <i>Australian Journal of Chemistry</i> , 2017, 70, 588.	0.9	3
178	Diethyl 6 <i>H</i> ,12 <i>H</i> -5,11-methanodibenzo[<i>b</i>][1,5]diazocine-1,7-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o187-o187.	0.2	3
179	2,5-Dioxopyrrolidin-1-yl adamantane-1-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1740-o1741.	0.2	3
180	Oxygenated Sesquiterpenes From the Indo-Pacific Nudibranch <i>Ardeadoris rubroannulata</i> : Structure Revision of Pu TM ulenal. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110550.	0.5	3

#	ARTICLE	IF	CITATIONS
181	Pre-arranged building block approach for the orthogonal synthesis of an unfolded tetrameric organic-inorganic phosphazane macrocycle. <i>Communications Chemistry</i> , 2022, 5, .	4.5	3
182	Ethyl 3-[4-(ethoxycarbonyl)phenyl]-3,4-dihydroquinazoline-6-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o308-o310.	0.2	2
183	A second polymorph with composition $\text{Co}_3(\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, i69-i70.	0.2	2
184	Copper(II) template synthesis of a new N2S2-donor macrocycle incorporating a pendent pyridyl substituent. <i>Journal of Inclusion Phenomena and Macroscopic Chemistry</i> , 2011, 71, 389-394.	1.6	2
185	Inside Cover: A Self-Assembled M8L6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests (<i>Angew. Chem. Int. Ed.</i> 15/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3326-3326.	13.8	2
186	N-Bridged Acyclic Trimeric Poly-Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. <i>Angewandte Chemie</i> , 2020, 132, 22284-22292.	2.0	2
187	[1,2-Bis(diphenylphosphino)-1,2-dicarba-closo-dodecaborane- P^2P^2][7,8-bis(diphenylphosphino)] (2/1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m603-m604.	0.2	2
188	Methyl 3-[(1-adamantylcarbonyloxy)aminocarbonyl]propanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1742-o1743.	0.2	2
189	Lewis acid activation of Weiss's reagents ($[\text{PhI}(\text{Pyr})_2]^{2+}$) with boranes and isolation of $[\text{PhI}(4\text{DMAP})]^{2+}$. <i>Chemical Communications</i> , 2021, 57, 12163-12166.	4.1	2
190	Expanding the Repertoire of Spongian-16-One Derivatives in Australian Nudibranchs of the Genus <i>Goniobranchus</i> and Evaluation of Their Anatomical Distribution. <i>Marine Drugs</i> , 2021, 19, 680.	4.6	2
191	Tetraaquabis(pyridine- N)cobalt(II) diacetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m873-m874.	0.2	1
192	11-{[2-(3-Fluorophenyl)ethyl](methyl)amino}pentacyclo[5.4.0.02,6.03,10.05,9]undecan-8-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2693-o2693.	0.2	1
193	Cull Complexes of Isomeric Ligands Derived from 2-Pyridine-carboxaldehyde and m- or p-Xylylenediamine: An Intermolecularly π -Stacked Dinuclear Species and a Trinuclear Circular Helicate that Encapsulates a Chloride Ion. <i>Australian Journal of Chemistry</i> , 2012, 65, 1587.	0.9	1
194	Unusual Absence of Head-to-Tail Chains in the Crystal Structure of Glycyl-L-glutamyl-L-phosphoseryl-L-leucine. <i>Journal of Chemical Crystallography</i> , 2012, 42, 839-845.	1.1	1
195	Octahedral Cull and Nill complexes manifesting with N^2 -[1-(pyridin-2-yl)ethylidene] acetohydrazide: Structural outlooks and spectral characteristics. <i>Open Chemistry</i> , 2013, 11, 116-122.	1.9	1
196	Celebrating Professor Len Lindoy's 80th Birthday. <i>Australian Journal of Chemistry</i> , 2017, 70, 447.	0.9	1
197	A heterofunctional ligand approach for the preparation of high connectivity coordination polymers: combining a π -bridge and π -pillar in one ligand. <i>CrystEngComm</i> , 2020, 22, 5310-5315.	2.6	1
198	A Two-Dimensional Coordination Polymer Formed from Cobalt(II) and an Extended Dipyridyl Ligand. <i>Australian Journal of Chemistry</i> , 2020, 73, 547.	0.9	1

#	ARTICLE	IF	CITATIONS
199	The crystal structures of 3-O-benzyl-1,2-O-isopropylidene-5-O-methanesulfonyl-6-O-triphenylmethyl- β -D-glucopyranoside and its azide displacement product. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 862-867.	0.3	1
200	Co-existence of five- and six-coordinate iron(II) species captured in a geometrically strained spin-crossover Hofmann framework. Dalton Transactions, 2022, 51, 9596-9600.	3.3	1
201	(Ethane-1,2-diamine)dinitratopalladium(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1940-m1942.	0.2	0
202	5-[(E)-2-(4-Methoxycarbonylphenyl)ethenyl]-1,1,3,3-tetramethylisoindolin-2-ylol. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3535-o3536.	0.2	0
203	(1R,2S,3R,6S,7R,8S)-Tricyclo[6.2.1.0 ^{2,7}]undeca-4,9-diene-3,6-diol. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o92-o93.	0.2	0
204	Bis(tetraphenylarsonium) di- μ -hydroxido-bis[(nitrotriacetato)cobalt(III)] octahydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1401-m1402.	0.2	0
205	(Azido- η^3 N){(E)-2-[1-(pyridin-2-yl)ethylideneamino]phenolato- η^3 N,N η^2 ,O}copper(II). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m468-m468.	0.2	0
206	5,7,8,10,15,17,18,20-Octaphenyl-21,23-dithiaporphyrin: synthesis, structure and spectroelectrochemistry. Journal of Solid State Electrochemistry, 2015, 19, 123-134.	2.5	0
207	Anion tuning of Zn ²⁺ architectures using a Tris-base salicylic ligand. CrystEngComm, 2019, 21, 4267-4274.	2.6	0
208	Arenan Sesquiterpenes from the Nudibranch Chromodoris strigata and its Dietary Sponge Acanthodendrilla sp. 2510: Spectroscopic and Computational Studies. Australian Journal of Chemistry, 2020, . .	0.9	0
209	Controlling the Complexity and Interconversion Mechanisms in Self-Assembled [Fe ₂ L ₃] ⁴⁺ Helicates and [Fe ₄ L ₆] ⁸⁺ Cages. Angewandte Chemie, 2022, 134, .	2.0	0