Assocâ€prof Jack K Clegg

List of Publications by Year
in descending order

209 papers	6,859 citations	57719 44 h-index	79644 73 g-index
232 all docs	232 docs citations	232 times ranked	5477 citing authors

#	Article	IF	Citations
1	Oligo-Î²-diketones as versatile ligands for use in metallo-supramolecular chemistry: Recent progress and perspectives. Coordination Chemistry Reviews, 2022, 455, 214355.	9.5	21
2	Controlling the Complexity and Interconversion Mechanisms in Selfâ€Assembled [Fe ₂ L ₃] ⁴⁺ Helicates and [Fe ₄ L ₆] ⁸⁺ Cages. Angewandte Chemie, 2022, 134, .	1.6	0
3	Controlling the Complexity and Interconversion Mechanisms in Selfâ€Assembled [Fe₂L₃]⁴⁺ Helicates and [Fe₄L₆]⁸⁺ Cages. Angewandte Chemie - International Edition, 2022, 61, e202115555.	7.2	9
4	Regulation of Multistep Spin Crossover Across Multiple Stimuli in a 2-D Framework Material. Inorganic Chemistry, 2022, 61, 6641-6649.	1.9	6
5	An Adaptable Water-Soluble Molecular Boat for Selective Separation of Phenanthrene from Isomeric Anthracene. Journal of the American Chemical Society, 2022, 144, 7504-7513.	6.6	41
6	Pre-arranged building block approach for the orthogonal synthesis of an unfolded tetrameric organicâ€“inorganic phosphazane macrocycle. Communications Chemistry, 2022, 5, .	2.0	3
7	Self-Assembly of a Rare High Spin FeII/PdII Tetradecanuclear Cubic Cage Constructed via the Metalloligand Approach. Chemistry, 2022, 4, 535-547.	0.9	5
8	Co-existence of five- and six-coordinate iron(<scp>ii</scp>) species captured in a geometrically strained spin-crossover Hofmann framework. Dalton Transactions, 2022, 51, 9596-9600.	1.6	1
9	Dinuclear triple stranded phenyl-spaced 1,3-bis-Î²-diketonato lanthanide(<scp>iii</scp>) complexes: synthesis, structures and spectroscopy. Dalton Transactions, 2021, 50, 4874-4879.	1.6	7
10	Determining the mechanisms of deformation in flexible crystals using micro-focus X-ray diffraction. CrystEngComm, 2021, 23, 5731-5737.	1.3	23
11	Elastically flexible molecular crystals. Chemical Society Reviews, 2021, 50, 11725-11740.	18.7	81
12	Comment on â€œTrimorphs of 4-bromophenyl 4-bromobenzoate. Elastic, brittle, plasticâ€•by S. Saha and G. R. Desiraju, Chem. Commun., 2018, 54, 6348. Chemical Communications, 2021, 57, 4974-4975.	2.2	4
13	The kinetics and mechanism of interconversion within a system of [Fe₂L₃]⁴⁺ helicates and [Fe₄L₆]⁸⁺ cages. Chemical Communications, 2021, 57, 4918-4921.	2.2	11
14	Dual-supramolecular contacts induce extreme Hofmann framework distortion and multi-stepped spin-crossover. Dalton Transactions, 2021, 50, 1434-1442.	1.6	9
15	Hierarchical Spinâ€Crossover Cooperativity in Hybrid 1D Chains of Fe^{II}â€1,2,4â€Triazole Trimers Linked by [Au(CN)₂]^{â^’} Bridges. Chemistry - A European Journal, 2021, 27, 5136-5141.	1.7	4
16	Crystallization of CsPbBr3 single crystals in water for X-ray detection. Nature Communications, 2021, 12, 1531.	5.8	161
17	Three Distinct Spin-Crossover Pathways in Halogen-Appended 2D Hofmann Frameworks. Inorganic Chemistry, 2021, 60, 3871-3878.	1.9	15
18	Supramolecular Modulation of Spin Crossover in an Fe(II) Dinuclear Triple Helicate. Inorganic Chemistry, 2021, 60, 6731-6738.	1.9	12

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19	Charge Neutral [Cu₂L₂] and [Pd₂L₂] Metallocycles: Self-Assembly, Aggregation, and Catalysis. Inorganic Chemistry, 2021, 60, 9673-9679.	1.9	12
20	PhICl₂ is activated by chloride ions. Dalton Transactions, 2021, 50, 11986-11991.	1.6	5
21	On the activation of PhICl₂ with pyridine. Chemical Communications, 2021, 57, 4970-4973.	2.2	11
22	The mechanism of bending in co-crystals of caffeine and 4-chloro-3-nitrobenzoic acid. Nature Communications, 2021, 12, 5983.	5.8	15
23	Oxygenated Sesquiterpenes From the Indo-Pacific Nudibranch Ardeadoris rubroannulata: Structure Revision of Puâ€™ulenal. Natural Product Communications, 2021, 16, 1934578X2110550.	0.2	3
24	Lewis acid activation of Weissâ€™ reagents ([PhI(Pyr)₂]²⁺) with boranes and isolation of [PhI(4-DMAP)]²⁺. Chemical Communications, 2021, 57, 12163-12166.	2.2	2
25	Expanding the Repertoire of Spongian-16-One Derivatives in Australian Nudibranchs of the Genus Goniobranchus and Evaluation of Their Anatomical Distribution. Marine Drugs, 2021, 19, 680.	2.2	2
26	Dynamic NMR and Computational Studies Inform the Conformational Description of Dendrillane Terpenes from the Nudibranch Goniobranchus coi. Journal of Natural Products, 2020, 83, 714-719.	1.5	7
27	Guest Removal and External Pressure Variation Induce Spin Crossover in Halogen-Functionalized 2-D Hofmann Frameworks. Inorganic Chemistry, 2020, 59, 14296-14305.	1.9	19
28	Exocyclic Coordination of Thiamacrocycles Leading to cis- and trans-Palladium(II) Complexes and a Tripalladium(II) Complex Incorporating Acetimidic Anhydride. Inorganic Chemistry, 2020, 59, 15807-15812.	1.9	4
29	Self-Assembly of a Pd₈ Macrocycle and Pd₁₂ Homochiral Tetrahedral Cages Using Poly(tetrazolate) Linkers. Inorganic Chemistry, 2020, 59, 15454-15459.	1.9	10
30	A heterofunctional ligand approach for the preparation of high connectivity coordination polymers: combining a â€œbridgeâ€•and â€œpillarâ€•in one ligand. CrystEngComm, 2020, 22, 5310-5315.	1.3	1
31	Nâ€Bridged Acyclic Trimeric Polyâ€Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. Angewandte Chemie - International Edition, 2020, 59, 22100-22108.	7.2	7
32	Three-Way Switchable Single-Crystal-to-Single-Crystal Solvatomorphic Spin Crossover in a Molecular Cocrystal. Chemistry of Materials, 2020, 32, 10076-10083.	3.2	21
33	Nâ€Bridged Acyclic Trimeric Polyâ€Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. Angewandte Chemie, 2020, 132, 22284-22292.	1.6	2
34	The mechanism of bending in a plastically flexible crystal. Chemical Communications, 2020, 56, 12841-12844.	2.2	47
35	Structural Origin of Magnetic Hysteresis in an Iron(III) Spin-Crossover Material. Crystal Growth and Design, 2020, 20, 7006-7011.	1.4	7
36	Guest Binding Drives Host Redistribution in Libraries of Co II 4 L 4 Cages. Angewandte Chemie - International Edition, 2020, 59, 11369-11373.	7.2	32

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37	Controlling Spin Switching with Anionic Supramolecular Frameworks. Chemistry of Materials, 2020, 32, 3229-3234.	3.2	25
38	Rhenium(<scp>i</scp>) complexationâ€“dissociation strategy for synthesising fluorine-18 labelled pyridine bidentate radiotracers. RSC Advances, 2020, 10, 8853-8865.	1.7	7
39	Straightening out halogen bonds. CrystEngComm, 2020, 22, 1687-1690.	1.3	8
40	A Two-Dimensional Coordination Polymer Formed from Cobalt(II) and an Extended Dipyridyl Ligand. Australian Journal of Chemistry, 2020, 73, 547.	0.5	1
41	Guest Binding Drives Host Redistribution in Libraries of Co^{II}₄L₄ Cages. Angewandte Chemie, 2020, 132, 11465-11469.	1.6	13
42	Quantification of the mixed-valence and intervalence charge transfer properties of a cofacial metalâ€“organic framework via single crystal electronic absorption spectroscopy. Chemical Science, 2020, 11, 5213-5220.	3.7	18
43	Arenaran Sesquiterpenes from the Nudibranch Chromodoris strigata and its Dietary Sponge Acanthodendrilla sp. 2510: Spectroscopic and Computational Studies. Australian Journal of Chemistry, 2020, , .	0.5	0
44	Self-assembly of bis-Î²-diketone-based [M₂L₂] dinuclear platforms into 2-dimensional coordination polymers. CrystEngComm, 2019, 21, 4786-4791.	1.3	9
45	Halogen-Bond-Modulated Organization of [Ni(terpy-ph)₂]I₂ Complexes in Heteromeric Three-Component Systems. Crystal Growth and Design, 2019, 19, 5334-5342.	1.4	9
46	1,4-Diazacubane crystal structure rectified as piperazinium. Chemical Communications, 2019, 55, 11751-11753.	2.2	5
47	Solution Processable Deep-Red Phosphorescent Pt(II) Complex: Direct Conversion from Its Pt(IV) Species via a Base-Promoted Reduction. ACS Applied Electronic Materials, 2019, 1, 1304-1313.	2.0	16
48	Anion tuning of Zn²⁺ architectures using a Tris-base salicylic ligand. CrystEngComm, 2019, 21, 4267-4274.	1.3	0
49	A mixed-spin spin-crossover thiozolylimine [Fe₄L₆]⁸⁺ cage. Dalton Transactions, 2019, 48, 9935-9938.	1.6	17
50	Mobility Evaluation of [1]Benzothieno[3,2-b][1]benzothiophene Derivatives: Limitation and Impact on Charge Transport. ACS Applied Materials & Interfaces, 2019, 11, 3271-3279.	4.0	12
51	Selective hydroxylation of 1,8- and 1,4-cineole using bacterial P450 variants. Archives of Biochemistry and Biophysics, 2019, 663, 54-63.	1.4	10
52	Atomic resolution of structural changes in elastic crystals of copper(II) acetylacetonate. Nature Chemistry, 2018, 10, 65-69.	6.6	249
53	The beer and biofuels laboratory: A report on implementing and supporting a large, interdisciplinary, yeastâ€focused courseâ€based undergraduate research experience. Biochemistry and Molecular Biology Education, 2018, 46, 213-222.	0.5	19
54	A three-dimensional cubic halogen-bonded network. Chemical Communications, 2018, 54, 3974-3976.	2.2	28

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55	Molecular Switches for any pH: A Systematic Study of the Versatile Coordination Behaviour of Cyclam Scorpionands. Chemistry - A European Journal, 2018, 24, 1573-1585.	1.7	11
56	Recent developments in the metallo-supramolecular chemistry of oligo-Î²-diketonato ligands. Coordination Chemistry Reviews, 2018, 375, 106-133.	9.5	39
57	Positive and Negative Two-Dimensional Thermal Expansion via Relaxation of Node Distortions. Inorganic Chemistry, 2018, 57, 11588-11596.	1.9	25
58	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. Angewandte Chemie - International Edition, 2018, 57, 11325-11328.	7.2	66
59	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. Angewandte Chemie, 2018, 130, 11495-11498.	1.6	11
60	The crystal structures of 3-O-benzyl-1,2-O-isopropylidene-5-O-methanesulfonyl-6-O-triphenylmethyl-Î±-<scp>D</scp>-glucofuranose and its azide displacement product. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 862-867.	0.2	1
61	Co-Crystallisation of 1,4-Diiodotetrafluorobenzene with Three Different Symmetric Dipyridylacetylacetone Isomers Produces Four Halogen-Bonded Architectures. Australian Journal of Chemistry, 2017, 70, 594.	0.5	20
62	Synthesis of Two 2,2â€²-Bipyridine Containing Macrocycles for the Preparation of Interlocked Architectures. Australian Journal of Chemistry, 2017, 70, 588.	0.5	3
63	Zero in-Plane Thermal Expansion in Guest-Tunable 2D Coordination Polymers. Inorganic Chemistry, 2017, 56, 6225-6233.	1.9	23
64	Celebrating Professor Len Lindoyâ€™s 80th Birthday. Australian Journal of Chemistry, 2017, 70, 447.	0.5	1
65	Cytotoxicity of a Series of Norcantharidinâ€Inspired Tetrahydroepoxyisoindole Carboxamides. ChemMedChem, 2017, 12, 130-145.	1.6	5
66	Efficient ring-opening polymerization (ROP) of Îµ-caprolactone catalysed by isomeric pyridyl Î²-diketonate iron(<scp>iii</scp>) complexes. New Journal of Chemistry, 2017, 41, 14457-14465.	1.4	20
67	Synthesis and characterisation of new tripodal lanthanide complexes and investigation of their optical and magnetic properties. Dalton Transactions, 2017, 46, 12177-12184.	1.6	7
68	Reversible Pressureâ€Controlled Depolymerization of a Copper(II)â€Containing Coordination Polymer. Chemistry - A European Journal, 2017, 23, 12480-12483.	1.7	20
69	Spin-State Patterning in an Iron(II) Tripodal Spin-Crossover Complex. ACS Omega, 2017, 2, 3349-3353.	1.6	12
70	Synthesis and characterisation of two Cu(I) metalloligands based on tetradentate tripodal ligands. Polyhedron, 2017, 125, 44-49.	1.0	4
71	Uranium(VI) hybrid materials with [(UO₂)₃(Âµ₃â€O)(Âµ₂â€OH)₃]⁺ as the subâ€“building unit via uranylâ€“cation interactions. ChemistrySelect, 2016, 1, 7-12.	0.7	19
72	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P₄(N^tBu)₆: Enabled by Mechanochemistry. Angewandte Chemie, 2016, 128, 12928-12932.	1.6	30

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73	OrangeâEReâ€Lightâ€Emitting Fieldâ€Effect Transistors Based on Phosphorescent Pt(II) Complexes with Area Emission. Advanced Optical Materials, 2016, 4, 1867-1874.	3.6	15
74	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P₄(N^tBu)₆: Enabled by Mechanochemistry. Angewandte Chemie - International Edition, 2016, 55, 12736-12740.	7.2	98
75	Adducts of aqua complexes of Ln³⁺with hexahydroxyhexamethylcucurbit[6]uril: potential application in the isolation of heavy lanthanides. New Journal of Chemistry, 2016, 40, 2763-2767.	1.4	6
76	Synthesis and Analysis of the Structure, Diffusion and Cytotoxicity of Heterocyclic Platinum(IV) Complexes. Chemistry - A European Journal, 2015, 21, 16990-17001.	1.7	28
77	Discrete and polymeric complexes formed from cobalt(<scp>ii</scp>), 4,4â€²-bipyridine and 2-sulfoterephthalate: synthetic, crystallographic and magnetic studies. CrystEngComm, 2015, 17, 4502-4511.	1.3	8
78	Spin-crossover behaviors in solvated cobalt(<scp>ii</scp>) compounds. Dalton Transactions, 2015, 44, 9345-9348.	1.6	37
79	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.	1.2	0
80	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. Australian Journal of Chemistry, 2015, 68, 549.	0.5	4
81	A large spin-crossover [Fe₄L₄]⁸⁺ tetrahedral cage. Journal of Materials Chemistry C, 2015, 3, 7878-7882.	2.7	36
82	Formation of a Dicopper Platform Based Polyrotaxane Whose â€œStringâ€•and â€œBeadâ€•Are Constructed from the Same Components. Journal of the American Chemical Society, 2015, 137, 9535-9538.	6.6	27
83	Post-Assembly Covalent Di- and Tetracapping of a Dinuclear [Fe₂L₃]⁴⁺ Triple Helicate and Two [Fe₄L₆]⁸⁺ Tetrahedra Using Sequential Reductive Aminations. Inorganic Chemistry, 2015, 54, 6986-6992.	1.9	26
84	Adducts of aqua complexes of Ln3+ with ortho-tetramethyl substituted cucurbituril: Potential applications for isolation of heavier lanthanides. Polyhedron, 2015, 91, 150-154.	1.0	8
85	Discrete and polymeric supramolecular architectures derived from dinuclear oxovanadium(IV) complexes of aryl-linked bis-diketonato ligands and nitrogen donor co-ligands. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 82, 247-257.	0.9	5
86	A 2-D coordination polymer incorporating cobalt(<scp>ii</scp>), 2-sulfoterephthalate and the flexible bridging ligand 1,3-di(4-pyridyl)propane. Inorganic Chemistry Frontiers, 2015, 2, 157-163.	3.0	14
87	Self-Assembly of an Octanuclear High-Spin FeII Molecular Cage. Australian Journal of Chemistry, 2014, 67, 1625.	0.5	10
88	Mono- and dinucleating Ni(II), Cu(II), Zn(II) and Fe(III) complexes of symmetric and unsymmetric Schiff bases incorporating salicylimine functions â€“ Synthetic and structural studies. Polyhedron, 2014, 74, 113-121.	1.0	12
89	Self-Assembly of an Imidazolate-Bridged Fe^{III}/Cu^{II} Heterometallic Cage. Inorganic Chemistry, 2014, 53, 688-690.	1.9	66
90	Synthesis and analysis of the anticancer activity of platinum(<scp>ii</scp>) complexes incorporating dipyridoquinoxaline variants. Dalton Transactions, 2014, 43, 15566-15575.	1.6	29

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91	Cation- and Anion-Exchanges Induce Multiple Distinct Rearrangements within Metallosupramolecular Architectures. Journal of the American Chemical Society, 2014, 136, 9491-9498.	6.6	86
92	Cobalt(<scp>ii</scp>), iron(<scp>ii</scp>), zinc(<scp>ii</scp>) and palladium(<scp>ii</scp>) complexes of di-topic 4â€²-{4-[bis(2-pyridyl)aminomethyl]phenyl}-2,2â€²:6â€²,2â€²â€²-terpyridine. Synthetic and X-ray structural studies. CrystEngComm, 2014, 16, 6476-6482.	3.8	6
93	Empirical and Theoretical Insights into the Structural Features and Hostâ€“Guest Chemistry of M₈L₄ Tube Architectures. Journal of the American Chemical Society, 2014, 136, 3972-3980.	6.6	40
94	Doubly phenoxo-bridged Mâ€“Na (M=Cu(II), Ni(II)) complexes of tetradentate Schiff base: Structure, photoluminescence, EPR, electrochemical studies and DFT computation. Polyhedron, 2014, 78, 62-71.	1.0	21
95	A mixed valent heterometallic Cu^{II}/Na^I coordination polymer with sodiumâ€“phenyl bonds. Dalton Transactions, 2014, 43, 5558-5563.	1.6	14
96	Di-, tri- and oligometallic platforms: Versatile components for use in metallo-supramolecular chemistry. Coordination Chemistry Reviews, 2013, 257, 2536-2550.	9.5	35
97	Multi-pyridine decorated Fe(ii) and Ru(ii) complexes by Pd(0)-catalysed cross couplings: new building blocks for metallosupramolecular assemblies. Dalton Transactions, 2013, 42, 15625.	1.6	15
98	Hierarchical assembly of discrete copper(ii) metallo-structures from pre-assembled dinuclear (bis-Î²-diketonato)metallocycles and flexible difunctional co-ligands. Dalton Transactions, 2013, 42, 14315.	1.6	15
99	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.	2.0	29
100	Transformations within a Network of Cadmium Architectures. Angewandte Chemie - International Edition, 2013, 52, 1017-1021.	7.2	63
101	Octahedral CuII and NiII complexes manifesting with Nâ€²-[1-(pyridin-2-yl)ethylidene] acetohydrazide: Structural outlooks and spectral characteristics. Open Chemistry, 2013, 11, 116-122.	1.0	1
102	Guest Binding Subtly Influences Spin Crossover in an Fe^{II}₄L₄ Capsule. Chemistry - A European Journal, 2013, 19, 8058-8062.	1.7	72
103	Solventâ€Dependent Hostâ€“Guest Chemistry of an Fe₈L₁₂ Cubic Capsule. Angewandte Chemie - International Edition, 2013, 52, 1944-1948.	7.2	51
104	Five Discrete Multinuclear Metal-Organic Assemblies from One Ligand: Deciphering the Effects of Different Templates. Journal of the American Chemical Society, 2013, 135, 2723-2733.	6.6	150
105	Selective Assembly and Disassembly of a Waterâ€Soluble Fe₁₀L₁₅ Prism. Angewandte Chemie - International Edition, 2013, 52, 4837-4840.	7.2	74
106	The chemistry of cobalt acetate. X. The preparations of the mixed ligand cobalt oligomers, [Co3O(C6H5N2O)3(CH3CO2)3][PF6].CH3CN (I), [Co4(Î¼2-OH)2(Î·1:Î·1:Î¼2-CH3COO)2(CH3CO2)2(Î·1:Î·1:Î¼2-C11H8NO)2(Î·1:Î·1:Î·1:Î·1:Î¼2-C11H8N3O)2][PF6]2.CH3OH.3H2O (II) and [Co3O(CH3CO2)5(C7H6NO2)(py)3][PF6] (III) and the crystal structures of (I) and (II). Comparisons with homoleptic cobalt acetate dimers and trimers. Polyhedron, 2013, 52, 909-916.	2.0	8
107	Chain-Reaction Anion Exchange between Metalâ€“Organic Cages. Journal of the American Chemical Society, 2013, 135, 5678-5684.	6.6	47
108	A stimuli responsive system of self-assembled anion-binding Fe₄L₆⁸⁺cages. Chemical Science, 2013, 4, 68-76.	3.7	113

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109	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. CrystEngComm, 2013, 15, 1994.	1.3	33
110	Bidirectional Regulation of Halide Binding in a Heterometallic Supramolecular Cube. Angewandte Chemie - International Edition, 2013, 52, 13439-13443.	7.2	69
111	(Azido-îºN){(E)-2-[1-(pyridin-2-yl)ethylideneamino]phenolato-îº3N,Nâ€²,O}copper(II). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m468-m468.	0.2	0
112	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. Supramolecular Chemistry, 2012, 24, 572-584.	1.5	4
113	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.	0.5	8
114	Pendent Nucleophiles on Coordination Complexes: Hydrogen-Bond Donor and Acceptor Ability. Australian Journal of Chemistry, 2012, 65, 734.	0.5	5
115	CuII Complexes of Isomeric Ligands Derived from 2-Pyridine-carboxaldehyde and m- or p-Xylylenediamine: An Intermolecularly ?-Stacked Dinuclear Species and a Trinuclear Circular Helicate that Encapsulates a Chloride Ion. Australian Journal of Chemistry, 2012, 65, 1587.	0.5	1
116	Molecular capsules and coordination polymers from a backbone-modified cyclic peptide bearing pyridyl arms. Supramolecular Chemistry, 2012, 24, 508-519.	1.5	6
117	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.	1.8	7
118	Metal induced folding: synthesis and conformational analysis of the lanthanide complexes of two 44-membered hydrazone macrocycles. Dalton Transactions, 2012, 41, 3780.	1.6	19
119	Neutral cryptand-like cyclic peptideâ€“thiourea receptors for selective recognition of sulphate anions in aqueous solvents. Supramolecular Chemistry, 2012, 24, 77-87.	1.5	12
120	Anion-induced reconstitution of a self-assembling system to express a chloride-binding Co10L15 pentagonal prism. Nature Chemistry, 2012, 4, 751-756.	6.6	253
121	Subcomponent Self-Assembly and Guest-Binding Properties of Face-Capped Fe₄L₄ ⁸⁺ Capsules. Journal of the American Chemical Society, 2012, 134, 5110-5119.	6.6	163
122	Guanidinium Binding Modulates Guest Exchange within an [M₄L₆] Capsule. Angewandte Chemie - International Edition, 2012, 51, 6882-6885.	7.2	54
123	Cobalt complexes with tripodal ligands: implications for the design of drug chaperones. Dalton Transactions, 2012, 41, 11293.	1.6	50
124	Chelation-controlled molecular morphology: aminal to imine rearrangements. Dalton Transactions, 2012, 41, 4335.	1.6	14
125	Unusual Absence of Head-to-Tail Chains in the Crystal Structure of Glycyl-l-glutamyl-l-phosphoseryl-l-leucine. Journal of Chemical Crystallography, 2012, 42, 839-845.	0.5	1
126	Nonlinear Enhancement of Chiroptical Response through Subcomponent Substitution in M₄L₆ Cages. Angewandte Chemie - International Edition, 2012, 51, 1464-1468.	7.2	91

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127	Transformative Binding and Release of Gold Guests from a Selfâ€Assembled Cu₈L₄ Tube. Angewandte Chemie - International Edition, 2012, 51, 1881-1884.	7.2	56
128	Structural similarities in enzymatic, homogeneous and heterogeneous catalysts of water oxidation. Chemical Science, 2011, 2, 2254.	3.7	32
129	Reversible anion-templated self-assembly of [2+2] and [3+3] metallomacrocycles containing a new dicopper(i) motif. Chemical Communications, 2011, 47, 6021.	2.2	26
130	Silver(I) Coordination Polymers Incorporating Neutral Î³-Carbon Bound N,Nâ€²-Bis(acetylacetone)alkanediimine Units. Crystal Growth and Design, 2011, 11, 5688-5695.	1.4	5
131	Interaction of Copper(II) with Ditopic Pyridyl-Î²-diketone Ligands: Dimeric, Framework, and Metallogel Structures. Crystal Growth and Design, 2011, 11, 1697-1704.	1.4	30
132	Self-Assembly of a Metallomacrocycle Templated by Iron(II). Inorganic Chemistry, 2011, 50, 726-728.	1.9	13
133	Complexation, Computational, Magnetic, and Structural Studies of the Maillard Reaction Product Isomaltol Including Investigation of an Uncommon Ï€ Interaction with Copper(II). Inorganic Chemistry, 2011, 50, 1498-1505.	1.9	18
134	New nickel(ii) and iron(ii) helicates and tetrahedra derived from expanded quaterpyridines. Dalton Transactions, 2011, 40, 10481.	1.6	51
135	Interaction of Co(ii), Ni(ii) and Cu(ii) with dibenzo-substituted macrocyclic ligands incorporating both symmetrically and unsymmetrically arranged N, O and S donors. Dalton Transactions, 2011, 40, 8675.	1.6	10
136	Controlling the Transmission of Stereochemical Information through Space in Terphenyl-Edged Fe₄L₆ Cages. Journal of the American Chemical Society, 2011, 133, 13652-13660.	6.6	156
137	Unprecedented encapsulation of a [FeIIICl4]â^'anion in a cationic [FeII4L6]8+tetrahedral cage derived from 5,5â€²â€²â€²â€²-dimethyl-2,2â€²:5â€²,5â€²â€²:2â€²â€²,2â€²â€²â€²â€²-quaterpyridine. Chemical Science, 2011, 2, 540-543.	3.7	75
138	Encapsulation, storage and controlled release of sulfur hexafluoride from a metalâ€“organic capsule. Chemical Communications, 2011, 47, 457-459.	2.2	207
139	Metallosupramolecular self-assembly of a universal 3-ravel. Nature Communications, 2011, 2, 205.	5.8	104
140	An expanded neutral M4L6 cage that encapsulates four tetrahydrofuran molecules. Chemical Communications, 2011, 47, 6042.	2.2	60
141	Selective anion binding by a â€œChameleonâ€•capsule with a dynamically reconfigurable exterior. Chemical Science, 2011, 2, 638-641.	3.7	143
142	Self-assembled Co(ii) molecular squares incorporating the bridging ligand 4,7-phenanthrolino-5,6:5â€²,6â€²-pyrazine. Dalton Transactions, 2011, 40, 12388.	1.6	4
143	Reactivity modulation in container molecules. Chemical Science, 2011, 2, 51-56.	3.7	202
144	Nickel(ii) and iron(ii) triple helicates assembled from expanded quaterpyridines incorporating flexible linkages. Dalton Transactions, 2011, 40, 12153.	1.6	23

#	Article	IF	Citations
145	Copper(II) template synthesis of a new N2S2-donor macrocycle incorporating a pendent pyridyl substituent. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 389-394.	1.6	2
146	Structural diversity in coordination polymers constructed from a naphthalene-spaced dipyridyl ligand and iron(II) thiocyanate. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 381-388.	1.6	5
147	Liquidâ€“liquid extraction studies with 4,4â€²-biphenylene-spaced bis-Î²-diketones. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 71, 319-329.	1.6	8
148	A Mixedâ€Spin Molecular Square with a Hybrid [2Ã—2]Grid/Metallocyclic Architecture. Angewandte Chemie - International Edition, 2011, 50, 2820-2823.	7.2	45
149	A Selfâ€Assembled M₈L₆ Cubic Cage that Selectively Encapsulates Large Aromatic Guests. Angewandte Chemie - International Edition, 2011, 50, 3479-3483.	7.2	350
150	Inside Cover: A Self-Assembled M8L6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests (Angew. Chem. Int. Ed. 15/2011). Angewandte Chemie - International Edition, 2011, 50, 3326-3326.	7.2	2
151	Hybrid cyclic peptideâ€“thiourea cryptands for anion recognition. Chemical Communications, 2011, 47, 463-465.	2.2	40
152	Hierarchical Selfâ€Assembly of a Chiral Metalâ€“Organic Framework Displaying Pronounced Porosity. Angewandte Chemie - International Edition, 2010, 49, 1075-1078.	7.2	90
153	A new nickel(II) coordination polymer derived from		

#	Article	IF	Citations
163	Synthesis of Symmetric Dinitroâ€Functionalised TrÃ¶ger's Base Analogues. European Journal of Organic Chemistry, 2009, 2009, 687-698.	1.2	24
164	Predesigned Hexanuclear Cu^{II} and Cu^{II}/Ni^{II} Metallacycles Featuring Sixâ€Node Metallacoronand Structural Motifs. Angewandte Chemie - International Edition, 2009, 48, 7059-7063.	7.2	29
165	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. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 65, 49-57.	1.6	5
166	Solid-State and Solution-Phase Conformations of Pseudoproline-Containing Dipeptides. Australian Journal of Chemistry, 2009, 62, 711.	0.5	9
167	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.	1.6	45
168	Polymeric di- and discrete trinuclear silver(I) assemblies incorporating Î³-carbon bonded, neutral acetylacetone-imine motifs assembled from racemic and diastereopure N,Nâ€²-bis(acetylacetone)cyclohexanediimine units. Dalton Transactions, 2009, , 4896.	1.6	10
169	Tetraammonium diaquadiperoxidooctamolybdate(VI) tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i53-i54.	0.2	5
170	Copper(I) Templated Synthesis of a 2,2Â´-Bipyridine Derived 2-Catenane: Synthetic, Modelling, and X-ray Studies. Australian Journal of Chemistry, 2009, 62, 1014.	0.5	34
171	Diethyl 6H,12H-5,11-methanodibenzo[b,f][1,5]diazocine-1,7-dicarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o187-o187.	0.2	3
172	[1,2-Bis(diphenylphosphino)-1,2-dicarba-closo-dodecaborane-Îº²P,Pâ€²][7,8-bis(diphenylphosphino)-7 (2/1/1). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m603-m604.	0.2	2
173	2,5-Dioxopyrrolidin-1-yl adamantane-1-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1740-o1741.	0.2	3
174	Methyl 3-[(1-adamantylcarbonyloxy)aminocarbonyl]propanoate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1742-o1743.	0.2	2
175	Microwave Synthesis of a Rare [Ru₂L₃]⁴⁺ Triple Helicate and Its Interaction with DNA. Chemistry - A European Journal, 2008, 14, 10535-10538.	1.7	63
176	Interaction of copper(II) and palladium(II) with linked 2,2â€²-dipyridylamine derivatives: Synthetic and structural studies. Polyhedron, 2008, 27, 2889-2898.	1.0	27
177	Expanding the 4,4â€²-bipyridine ligand: Structural variation in {M(pytpy)2}2+ complexes (pytpy=4â€²-(4-pyridyl)-2,2â€²:6â€²,2â€³-terpyridine, M=Fe, Ni, Ru) and assembly of the hydrogen-bonded, one-dimensional polymer. Inorganica Chimica Acta, 2008, 361, 2582-2590.	1.2	55
178	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-Î²-diketonato ligands. Dalton Transactions, 2008, , 1331.	1.6	44
179	A new FeII quaterpyridyl M4L6 tetrahedron exhibiting selective anion binding. Chemical Communications, 2008, , 1190.	2.2	89
180	A new 34-membered N6O4-donor macrocycle: synthetic, X-ray and solvent extraction studies. New Journal of Chemistry, 2008, 32, 132-137.	1.4	14

#	Article	IF	Citations
181	Assembly of a trinuclear metallo-capsule from a tripodal tris(Î²-diketone) derivative and copper(ii). Dalton Transactions, 2008, , 1683.	1.6	22
182	Synthesis and co-crystallisation behaviour of copper(II) complexes of two isomeric p -tolyl-terpyridines. Journal of Coordination Chemistry, 2008, 61, 3-13.	0.8	8
183	Four Zinc(II) Helical Coordination Polymers and 78-Membered Six-Node Zinc Metallacycle Assembled from Diastereopure N,Nâ€²-Bis(acetylacetone)cyclohexanediimine. Inorganic Chemistry, 2008, 47, 10053-10061.	1.9	15
184	Co₃(PO₄)₂Â·4H₂O. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, i67-i68.	0.2	6
185	A second polymorph with composition Co₃(PO₄)₂Â·H₂O. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, i69-i70.	0.2	2
186	Cobalt(II), Copper(II), and Zinc(II) Framework Systems Derived from Ditopic Pyridyl-Acetylacetone and Pyridyl-Pyrazole Ligands. Crystal Growth and Design, 2007, 7, 972-979.	1.4	26
187	Neutral (bis-Î²-diketonato) iron(iii), cobalt(ii), nickel(ii), copper(ii) and zinc(ii) metallocycles: structural, electrochemical and solvent extraction studies. Dalton Transactions, 2007, , 1719-1730.	1.6	39
188	Synthesis and preliminary DNA-binding studies of diimineplatinum(ii) complexes containing 3- or 4-pyridineboronic acid. Dalton Transactions, 2007, , 2121.	1.6	9
189	Dicarba-closo-dodecaborane(12) derivatives of phosphonium salts: easy formation of nido-carborane phosphonium zwitterions. Dalton Transactions, 2007, , 1982.	1.6	40
190	Proton and anion control of framework complexity in copper(II) complex structures derived from 2-(hydroxymethyl)pyridine. Polyhedron, 2007, 26, 673-678.	1.0	17
191	(1R,2S,3R,6S,7R,8S)-Tricyclo[6.2.1.02,7]undeca-4,9-diene-3,6-diol. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o92-o93.	0.2	0
192	Ethyl 3-[4-(ethoxycarbonyl)phenyl]-3,4-dihydroquinazoline-6-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o308-o310.	0.2	2
193	Extended three-dimensional supramolecular architectures derived from trinuclear (bis-Î²-diketonato)copper(ii) metallocycles. Dalton Transactions, 2006, , 3114-3121.	1.6	67
194	An unprecedented bridging [Ag2(NO3)6]4â^'anion as a component of an infinite silver(i) molecular ladder incorporating a dinuclear cationic silver complex of a bis-dipyridylamine ligand. CrystEngComm, 2006, 8, 748-750.	1.3	14
195	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.	1.6	51
196	Self-assembled Metallo-supramolecular Systems Incorporating Î²-Diketone Motifs as Structural Elements. Advances in Inorganic Chemistry, 2006, 59, 1-37.	0.4	69
197	New discrete and polymeric supramolecular architectures derived from dinuclear (bis-Î²-diketonato)copper(ii) metallocycles. Dalton Transactions, 2006, , 3977-3984.	1.6	63
198	Rational ligand design for metal ion recognition. Synthesis of a N-benzylated N2S3-donor macrocycle for enhanced silver(i) discrimination. Dalton Transactions, 2006, , 5115.	1.6	25

#	Article	IF	Citations
199	New bisâ€Pyrazole Derivatives Synthesized From Arylâ€•and Xylylâ€Linked bis(Î²â€Diketone) Precursors. Synthetic Communications, 2006, 36, 707-714.	1.1	16
200	Reactive Indolyl Complexes of Group 9 Metals. Organometallics, 2006, 25, 5800-5810.	1.1	33
201	Tetraaquabis(pyridine-ÎºN)cobalt(II) diacetate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m873-m874.	0.2	1
202	5-[(E)-2-(4-Methoxycarbonylphenyl)ethenyl]-1,1,3,3-tetramethylisoindolin-2-yloxyl. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3535-o3536.	0.2	0
203	Bis(2,2â€²,2â€²â€²-nitrilotriethanol)cobalt(II) bis(acetate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m2429-m2431.	0.2	5
204	Aqua[bis(2-pyridylmethyl)amine][chelidonato(1.5â€“)]copper(II) chelidonate(0.5â€“) monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3582-m3584.	0.2	9
205	Di- and Tri-Nuclear Copper(II) Metallocycles: Building Blocks for Supramolecular Chemistry. Australian Journal of Chemistry, 2006, 59, 660.	0.5	14
206	(Ethane-1,2-diamine)dinitratopalladium(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1940-m1942.	0.2	0
207	Dinuclear bis-Î²-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.	1.6	84
208	Triangles and tetrahedra: metal directed self-assembly of metallo-supramolecular structures incorporating bis-Î²-diketonato ligands. Dalton Transactions, 2004, , 2417-2423.	1.6	101
209	Chapter 10. Functional Metallo-supramolecular Polyhedral Capsules and Cages. Monographs in Supramolecular Chemistry, 0, , 325-387.	0.2	4