

Assoc prof Jack K Clegg

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214

papers

5,598

citations

42

h-index

66

g-index

232

ext. papers

6,304

ext. citations

6.4

avg, IF

5.76

L-index

#	Paper	IF	Citations
214	Oligo- β -diketones as versatile ligands for use in metallo-supramolecular chemistry: Recent progress and perspectives. <i>Coordination Chemistry Reviews</i> , 2022 , 455, 214355	23.2	4
213	Self-Assembly of a Rare High Spin FeII/PdII Tetradecanuclear Cubic Cage Constructed via the Metallogligand Approach. <i>Chemistry</i> , 2022 , 4, 535-547	2.1	1
212	Lewis acid activation of Weiss' reagents ([PhI(Pyr)]) with boranes and isolation of [PhI(4-DMAP)]. <i>Chemical Communications</i> , 2021 , 57, 12163-12166	5.8	
211	The mechanism of bending in co-crystals of caffeine and 4-chloro-3-nitrobenzoic acid. <i>Nature Communications</i> , 2021 , 12, 5983	17.4	5
210	Oxygenated Sesquiterpenes From the Indo-Pacific Nudibranch Ardeadoris rubroannulata: Structure Revision of Pulelenal. <i>Natural Product Communications</i> , 2021 , 16, 1934578X2110550	0.9	1
209	Crystallization of CsPbBr single crystals in water for X-ray detection. <i>Nature Communications</i> , 2021 , 12, 1531	17.4	55
208	Three Distinct Spin-Crossover Pathways in Halogen-Appended 2D Hofmann Frameworks. <i>Inorganic Chemistry</i> , 2021 , 60, 3871-3878	5.1	6
207	Supramolecular Modulation of Spin Crossover in an Fe(II) Dinuclear Triple Helicate. <i>Inorganic Chemistry</i> , 2021 , 60, 6731-6738	5.1	3
206	Charge Neutral [CuL] and [PdL] Metallocycles: Self-Assembly, Aggregation, and Catalysis. <i>Inorganic Chemistry</i> , 2021 , 60, 9673-9679	5.1	3
205	Dinuclear triple stranded phenyl-spaced 1,3-bis- β -diketonato lanthanide(iii) complexes: synthesis, structures and spectroscopy. <i>Dalton Transactions</i> , 2021 , 50, 4874-4879	4.3	2
204	Determining the mechanisms of deformation in flexible crystals using micro-focus X-ray diffraction. <i>CrystEngComm</i> , 2021 , 23, 5731-5737	3.3	12
203	Elastically flexible molecular crystals. <i>Chemical Society Reviews</i> , 2021 , 50, 11725-11740	58.5	21
202	Comment on "Trimorphs of 4-bromophenyl 4-bromobenzoate. Elastic, brittle, plastic" by S. Saha and G. R. Desiraju, , 2018, , 6348. <i>Chemical Communications</i> , 2021 , 57, 4974-4975	5.8	2
201	The kinetics and mechanism of interconversion within a system of [FeL] helicates and [FeL] cages. <i>Chemical Communications</i> , 2021 , 57, 4918-4921	5.8	4
200	Dual-supramolecular contacts induce extreme Hofmann framework distortion and multi-stepped spin-crossover. <i>Dalton Transactions</i> , 2021 , 50, 1434-1442	4.3	3
199	Hierarchical Spin-Crossover Cooperativity in Hybrid 1D Chains of Fe -1,2,4-Triazole Trimers Linked by [Au(CN)] Bridges. <i>Chemistry - A European Journal</i> , 2021 , 27, 5136-5141	4.8	0
198	PhICl is activated by chloride ions. <i>Dalton Transactions</i> , 2021 ,	4.3	2

197	On the activation of PhICl with pyridine. <i>Chemical Communications</i> , 2021 , 57, 4970-4973	5.8	4
196	Controlling the Complexity and Interconversion Mechanisms in Self-Assembled [Fe L] Helicates and [Fe L] Cages.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202115555	16.4	1
195	Guest Binding Drives Host Redistribution in Libraries of Co L Cages. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11369-11373	16.4	21
194	Controlling Spin Switching with Anionic Supramolecular Frameworks. <i>Chemistry of Materials</i> , 2020 , 32, 3229-3234	9.6	13
193	Rhenium(i) complexation-dissociation strategy for synthesising fluorine-18 labelled pyridine bidentate radiotracers.. <i>RSC Advances</i> , 2020 , 10, 8853-8865	3.7	5
192	Straightening out halogen bonds. <i>CrystEngComm</i> , 2020 , 22, 1687-1690	3.3	6
191	A Two-Dimensional Coordination Polymer Formed from Cobalt(II) and an Extended Dipyridyl Ligand. <i>Australian Journal of Chemistry</i> , 2020 , 73, 547	1.2	1
190	Guest Binding Drives Host Redistribution in Libraries of ColI4L4 Cages. <i>Angewandte Chemie</i> , 2020 , 132, 11465-11469	3.6	7
189	Quantification of the mixed-valence and intervalence charge transfer properties of a cofacial metal-organic framework single crystal electronic absorption spectroscopy. <i>Chemical Science</i> , 2020 , 11, 5213-5220	9.4	8
188	Dynamic NMR and Computational Studies Inform the Conformational Description of Dendrillane Terpenes from the Nudibranch. <i>Journal of Natural Products</i> , 2020 , 83, 714-719	4.9	2
187	Guest Removal and External Pressure Variation Induce Spin Crossover in Halogen-Functionalized 2-D Hofmann Frameworks. <i>Inorganic Chemistry</i> , 2020 , 59, 14296-14305	5.1	9
186	Exocyclic Coordination of Thiamacrocycles Leading to - and -Palladium(II) Complexes and a Tripalladium(II) Complex Incorporating Acetimidic Anhydride. <i>Inorganic Chemistry</i> , 2020 , 59, 15807-15812 ¹	2	
185	Self-Assembly of a Pd Macrocycle and Pd Homochiral Tetrahedral Cages Using Poly(tetrazolate) Linkers. <i>Inorganic Chemistry</i> , 2020 , 59, 15454-15459	5.1	2
184	A heterofunctional ligand approach for the preparation of high connectivity coordination polymers: combining a Bridge ¹ and Pillar ² in one ligand. <i>CrystEngComm</i> , 2020 , 22, 5310-5315	3.3	1
183	N-Bridged Acyclic Trimeric Poly-Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22100-22108	16.4	3
182	Three-Way Switchable Single-Crystal-to-Single-Crystal Solvatomorphic Spin Crossover in a Molecular Cocrystal. <i>Chemistry of Materials</i> , 2020 , 32, 10076-10083	9.6	9
181	N-Bridged Acyclic Trimeric Poly-Cyclodiphosphazanes: Highly Tuneable Cyclodiphosphazane Building Blocks. <i>Angewandte Chemie</i> , 2020 , 132, 22284-22292	3.6	2
180	The mechanism of bending in a plastically flexible crystal. <i>Chemical Communications</i> , 2020 , 56, 12841-12848 ¹⁹	3.3	19

179	Structural Origin of Magnetic Hysteresis in an Iron(III) Spin-Crossover Material. <i>Crystal Growth and Design</i> , 2020 , 20, 7006-7011	3.5	5
178	1,4-Diazacubane crystal structure rectified as piperazinium. <i>Chemical Communications</i> , 2019 , 55, 11751-11753	2	
177	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	8
176	Anion tuning of Zn ²⁺ architectures using a Tris-base salicylic ligand. <i>CrystEngComm</i> , 2019 , 21, 4267-4274	3.3	
175	A mixed-spin spin-crossover thiazolylimine [FeL] cage. <i>Dalton Transactions</i> , 2019 , 48, 9935-9938	4.3	5
174	Self-assembly of bis- α -diketone-based [M ₂ L ₂] dinuclear platforms into 2-dimensional coordination polymers. <i>CrystEngComm</i> , 2019 , 21, 4786-4791	3.3	5
173	Halogen-Bond-Modulated Organization of [Ni(terpy-ph) ₂]I ₂ Complexes in Heteromeric Three-Component Systems. <i>Crystal Growth and Design</i> , 2019 , 19, 5334-5342	3.5	8
172	Mobility Evaluation of [1]Benzothieno[3,2- b][1]benzothiophene Derivatives: Limitation and Impact on Charge Transport. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 3271-3279	9.5	8
171	Selective hydroxylation of 1,8- and 1,4-cineole using bacterial P450 variants. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 663, 54-63	4.1	7
170	Atomic resolution of structural changes in elastic crystals of copper(II) acetylacetone. <i>Nature Chemistry</i> , 2018 , 10, 65-69	17.6	172
169	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	1.3	12
168	A three-dimensional cubic halogen-bonded network. <i>Chemical Communications</i> , 2018 , 54, 3974-3976	5.8	21
167	Molecular Switches for any pH: A Systematic Study of the Versatile Coordination Behaviour of Cyclam Scorpionands. <i>Chemistry - A European Journal</i> , 2018 , 24, 1573-1585	4.8	9
166	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11325-11328	16.4	46
165	Elastically Flexible Crystals have Disparate Mechanisms of Molecular Movement Induced by Strain and Heat. <i>Angewandte Chemie</i> , 2018 , 130, 11495-11498	3.6	6
164	The crystal structures of 3--benzyl-1,2--iso-propyl-idene-5--methane-sulfonyl-6--tri-phenyl-methyl- α -gluco-furan-ose and its azide displacement product. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 912-917	0.7	1
163	Recent developments in the metallo-supramolecular chemistry of oligo- α -diketonato ligands. <i>Coordination Chemistry Reviews</i> , 2018 , 375, 106-133	23.2	31
162	Positive and Negative Two-Dimensional Thermal Expansion via Relaxation of Node Distortions. <i>Inorganic Chemistry</i> , 2018 , 57, 11588-11596	5.1	18

161	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	1.2	19
160	Synthesis of Two 2,2'-Bipyridine Containing Macrocycles for the Preparation of Interlocked Architectures. <i>Australian Journal of Chemistry</i> , 2017 , 70, 588	1.2	3
159	Zero in-Plane Thermal Expansion in Guest-Tunable 2D Coordination Polymers. <i>Inorganic Chemistry</i> , 2017 , 56, 6225-6233	5.1	14
158	Celebrating Professor Len Lindoy's 80th Birthday. <i>Australian Journal of Chemistry</i> , 2017 , 70, 447	1.2	
157	Cytotoxicity of a Series of Norcantharidin-Inspired Tetrahydroepoxyisoindole Carboxamides. <i>ChemMedChem</i> , 2017 , 12, 130-145	3.7	2
156	Efficient ring-opening polymerization (ROP) of ϵ -caprolactone catalysed by isomeric pyridyl β -diketonate iron(III) complexes. <i>New Journal of Chemistry</i> , 2017 , 41, 14457-14465	3.6	12
155	Synthesis and characterisation of new tripodal lanthanide complexes and investigation of their optical and magnetic properties. <i>Dalton Transactions</i> , 2017 , 46, 12177-12184	4.3	6
154	Reversible Pressure-Controlled Depolymerization of a Copper(II)-Containing Coordination Polymer. <i>Chemistry - A European Journal</i> , 2017 , 23, 12480-12483	4.8	17
153	Spin-State Patterning in an Iron(II) Tripodal Spin-Crossover Complex. <i>ACS Omega</i> , 2017 , 2, 3349-3353	3.9	6
152	Synthesis and characterisation of two Cu(I) metalloligands based on tetradentate tripodal ligands. <i>Polyhedron</i> , 2017 , 125, 44-49	2.7	3
151	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P4(NtBu)6: Enabled by Mechanochemistry. <i>Angewandte Chemie</i> , 2016 , 128, 12928-12932	3.6	21
150	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	8.1	14
149	The First Synthesis of the Sterically Encumbered Adamantoid Phosphazane P4 (N(t) Bu)6 : Enabled by Mechanochemistry. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12736-40	16.4	69
148	Adducts of aqua complexes of Ln3+ with hexahydroxyhexamethylcucurbit[6]uril: potential application in the isolation of heavy lanthanides. <i>New Journal of Chemistry</i> , 2016 , 40, 2763-2767	3.6	4
147	Chiral Metallosupramolecular Polyhedra 2016 , 218-256		1
146	Uranium(VI) hybrid materials with [(UO2)3(μ 3-O)(μ 2-OH)3]+ as the subBuilding unit via uranylolation interactions. <i>ChemistrySelect</i> , 2016 , 1, 7-12	1.8	16
145	5,7,8,10,15,17,18,20-Octaphenyl-21,23-dithiaporphyrin: synthesis, structure and spectroelectrochemistry. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 123-134	2.6	
144	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	1.2	4

143	A large spin-crossover $[Fe_4L_4]^{8+}$ tetrahedral cage. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7878-7882	7.1	25
142	Formation of a Dicopper Platform Based Polyrotaxane Whose "String" and "Bead" Are Constructed from the Same Components. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9535-8	16.4	23
141	Post-Assembly Covalent Di- and Tetracapping of a Dinuclear $[Fe_2L_3]^{(4+)}$ Triple Helicate and Two $[Fe_4L_6]^{(8+)}$ Tetrahedra Using Sequential Reductive Aminations. <i>Inorganic Chemistry</i> , 2015 , 54, 6986-92	5.1	20
140	Adducts of aqua complexes of Ln^{3+} with ortho-tetramethyl substituted cucurbituril: Potential applications for isolation of heavier lanthanides. <i>Polyhedron</i> , 2015 , 91, 150-154	2.7	7
139	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	1.7	5
138	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	6.8	14
137	Synthesis and Analysis of the Structure, Diffusion and Cytotoxicity of Heterocyclic Platinum(IV) Complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 16990-7001	4.8	19
136	Discrete and polymeric complexes formed from cobalt(II), 4,4'-bipyridine and 2-sulfoterephthalate: synthetic, crystallographic and magnetic studies. <i>CrystEngComm</i> , 2015 , 17, 4502-4511	3.3	8
135	Spin-crossover behaviors in solvated cobalt(ii) compounds. <i>Dalton Transactions</i> , 2015 , 44, 9345-8	4.3	29
134	Mono- and dinucleating Ni(II), Cu(II), Zn(II) and Fe(III) complexes of symmetric and unsymmetric Schiff bases incorporating salicylimine functions [Synthetic and structural studies. <i>Polyhedron</i> , 2014 , 74, 113-121	2.7	10
133	Self-assembly of an imidazolate-bridged Fe(III)/Cu(II) heterometallic cage. <i>Inorganic Chemistry</i> , 2014 , 53, 688-90	5.1	59
132	Synthesis and analysis of the anticancer activity of platinum(II) complexes incorporating dipyridoquinoxaline variants. <i>Dalton Transactions</i> , 2014 , 43, 15566-75	4.3	24
131	Cation- and anion-exchanges induce multiple distinct rearrangements within metallosupramolecular architectures. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9491-8	16.4	76
130	Cobalt(II), iron(II), zinc(II) and palladium(II) complexes of di-topic 4-[4-[bis(2-pyridyl)aminomethyl]phenyl]-2,2':6,2''-terpyridine. Synthetic and X-ray structural studies. <i>CrystEngComm</i> , 2014 , 16, 6476-6482	3.3	4
129	Empirical and theoretical insights into the structural features and host-guest chemistry of M8L4 tube architectures. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3972-80	16.4	28
128	Doubly phenoxo-bridged MNa ($M = Cu(II)$, $Ni(II)$) complexes of tetradeinate Schiff base: Structure, photoluminescence, EPR, electrochemical studies and DFT computation. <i>Polyhedron</i> , 2014 , 78, 62-71	2.7	20
127	A mixed valent heterometallic Cu(II)/Na(I) coordination polymer with sodium-phenyl bonds. <i>Dalton Transactions</i> , 2014 , 43, 5558-63	4.3	14
126	Self-Assembly of an Octanuclear High-Spin Fell Molecular Cage. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1625	1.2	9

125	Di-, tri- and oligometallic platforms: Versatile components for use in metallo-supramolecular chemistry. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 2536-2550	23.2	32
124	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, 15625-36	4.3	14
123	Hierarchical assembly of discrete copper(II) metallo-structures from pre-assembled dinuclear (bis- Ediketonato)metallocycles and flexible difunctional co-ligands. <i>Dalton Transactions</i> , 2013 , 42, 14315-23	4.3	12
122	One-Dimensional Coordination Polymers of Lanthanide Cations to Cucurbit[7]uril Built Using a Range of Tetrachloride Transition-Metal Dianion Structure Inducers. <i>Polymers</i> , 2013 , 5, 418-430	4.5	27
121	Transformations within a network of cadmium architectures. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1017-21	16.4	62
120	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	1.6	1
119	Transformations within a Network of Cadmium Architectures. <i>Angewandte Chemie</i> , 2013 , 125, 1051-1055	5.6	24
118	Guest binding subtly influences spin crossover in an Fe10L12 capsule. <i>Chemistry - A European Journal</i> , 2013 , 19, 8058-62	4.8	58
117	Solvent-dependent host-guest chemistry of an Fe8L12 cubic capsule. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1944-8	16.4	44
116	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, 2723-33	16.4	133
115	Selective assembly and disassembly of a water-soluble Fe10L15 prism. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4837-40	16.4	61
114	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] ₂ .CH ₃ CN (I), [Co ₄ (H-OH) ₂ (H_2O) ₂ -CH ₃ COO) ₂ (CH ₃ CO ₂) ₂ (H_2O) ₂ -C ₁₁ H ₈ NO) ₂ (H_2O) ₂ -C ₁₁ H ₈ N ₃ O)(H_2O) ₂][PF ₆] ₂ .2CH ₃ OH.3H ₂ O (II) and [Co ₃ O(CH ₃ CO ₂) ₂ (C ₇ H ₆ NO ₂)(py) ₃][PF ₆] ₂ (III) and the crystal structures of (I) and (II). Comparisons Chain-reaction anion exchange between metal-organic cages. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5678-84	2.7	3
112	A stimuli responsive system of self-assembled anion-binding Fe4L68 ⁺ cages. <i>Chemical Science</i> , 2013 , 4, 68-76	9.4	96
111	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. <i>CrystEngComm</i> , 2013 , 15, 1994	3.3	30
110	Bidirectional regulation of halide binding in a heterometallic supramolecular cube. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13439-43	16.4	58
109	Selective Assembly and Disassembly of a Water-Soluble Fe10L15 Prism. <i>Angewandte Chemie</i> , 2013 , 125, 4937-4940	3.6	20
108	Bidirectional Regulation of Halide Binding in a Heterometallic Supramolecular Cube. <i>Angewandte Chemie</i> , 2013 , 125, 13681-13685	3.6	13

107	(Azido- N){(E)-2-[1-(pyridin-2-yl)ethyl-idene-amino]-phenolato- B N,N',O}copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, m468		
106	Solvent-Dependent Host-Guest Chemistry of an Fe8L12 Cubic Capsule. <i>Angewandte Chemie</i> , 2013 , 125, 1998-2002	3.6	20
105	Nonlinear enhancement of chiroptical response through subcomponent substitution in M4L6 cages. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1464-8	16.4	84
104	Transformative binding and release of gold guests from a self-assembled Cu8L4 tube. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1881-4	16.4	44
103	Molecular capsules and coordination polymers from a backbone-modified cyclic peptide bearing pyridyl arms. <i>Supramolecular Chemistry</i> , 2012 , 24, 508-519	1.8	6
102	Hydroxo-bridged 1-D coordination polymer of Cu(II) incorporating with salicyladimine precursor: Spectral and temperature dependent magneto structural correlation. <i>Inorganic Chemistry Communication</i> , 2012 , 24, 216-220	3.1	6
101	Metal induced folding: synthesis and conformational analysis of the lanthanide complexes of two 44-membered hydrazone macrocycles. <i>Dalton Transactions</i> , 2012 , 41, 3780-6	4.3	19
100	Neutral cryptand-like cyclic peptide-thiourea receptors for selective recognition of sulphate anions in aqueous solvents. <i>Supramolecular Chemistry</i> , 2012 , 24, 77-87	1.8	12
99	Anion-induced reconstitution of a self-assembling system to express a chloride-binding Co10L15 pentagonal prism. <i>Nature Chemistry</i> , 2012 , 4, 751-6	17.6	226
98	Subcomponent self-assembly and guest-binding properties of face-capped Fe4L4(8+) capsules. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5110-9	16.4	149
97	Nonlinear Enhancement of Chiroptical Response through Subcomponent Substitution in M4L6 Cages. <i>Angewandte Chemie</i> , 2012 , 124, 1493-1497	3.6	24
96	Transformative Binding and Release of Gold Guests from a Self-Assembled Cu8L4 Tube. <i>Angewandte Chemie</i> , 2012 , 124, 1917-1920	3.6	14
95	Guanidinium Binding Modulates Guest Exchange within an [M4L6] Capsule. <i>Angewandte Chemie</i> , 2012 , 124, 6988-6991	3.6	13
94	Guanidinium binding modulates guest exchange within an [M4L6] capsule. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6882-5	16.4	50
93	Cobalt complexes with tripodal ligands: implications for the design of drug chaperones. <i>Dalton Transactions</i> , 2012 , 41, 11293-304	4.3	44
92	Chelation-controlled molecular morphology: aminal to imine rearrangements. <i>Dalton Transactions</i> , 2012 , 41, 4335-57	4.3	10
91	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	0.5	1
90	Bioinspired Self-Assembly I: Self-Assembled Structures 2012 , 17-46		

89	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	1.8	4
88	Metal Template Synthesis of a Tripodal Tris(bipyridyl) Receptor that Encapsulates a Proton and an Iron(II) Centre in a Pseudo Cage. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1371	1.2	8
87	Pendent Nucleophiles on Coordination Complexes: Hydrogen-Bond Donor and Acceptor Ability. <i>Australian Journal of Chemistry</i> , 2012 , 65, 734	1.2	4
86	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	1.2	1
85	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. <i>Dalton Transactions</i> , 2011 , 40, 8675-84	4.3	9
84	Controlling the transmission of stereochemical information through space in terphenyl-edged Fe4L6 cages. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13652-60	16.4	128
83	Unprecedented encapsulation of a [FeIII]Cl4 \square anion in a cationic [FeII4L6]8+ tetrahedral cage derived from 5,5???-dimethyl-2,2?:5?,5?:2??,2??-quaterpyridine. <i>Chemical Science</i> , 2011 , 2, 540-543	9.4	71
82	Encapsulation, storage and controlled release of sulfur hexafluoride from a metal-organic capsule. <i>Chemical Communications</i> , 2011 , 47, 457-9	5.8	174
81	Metallosupramolecular self-assembly of a universal 3-ravel. <i>Nature Communications</i> , 2011 , 2, 205	17.4	87
80	Template Synthesis 2011 , 289-320		2
79	An expanded neutral M4L6 cage that encapsulates four tetrahydrofuran molecules. <i>Chemical Communications</i> , 2011 , 47, 6042-4	5.8	59
78	Selective anion binding by a Chameleon Capsule with a dynamically reconfigurable exterior. <i>Chemical Science</i> , 2011 , 2, 638-641	9.4	125
77	Self-assembled Co(II) molecular squares incorporating the bridging ligand 4,7-phenanthrolino-5,6:5',6'-pyrazine. <i>Dalton Transactions</i> , 2011 , 40, 12388-93	4.3	4
76	Reactivity modulation in container molecules. <i>Chemical Science</i> , 2011 , 2, 51-56	9.4	194
75	Nickel(II) and iron(II) triple helicates assembled from expanded quaterpyridines incorporating flexible linkages. <i>Dalton Transactions</i> , 2011 , 40, 12153-9	4.3	19
74	Copper(II) template synthesis of a new N2S2-donor macrocycle incorporating a pendent pyridyl substituent. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 71, 389-394		2
73	Structural diversity in coordination polymers constructed from a naphthalene-spaced bipyridyl ligand and iron(II) thiocyanate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 71, 381-388		5
72	Liquid-Liquid extraction studies with 4,4?-biphenylene-spaced bis- β -diketones. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011 , 71, 319-329		8

71	A Mixed-Spin Molecular Square with a Hybrid [20]Grid/Metallocyclic Architecture. <i>Angewandte Chemie</i> , 2011 , 123, 2872-2875	3.6	10
70	A Self-Assembled M8L6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests. <i>Angewandte Chemie</i> , 2011 , 123, 3541-3545	3.6	92
69	Innentitelbild: A Self-Assembled M8L6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests (Angew. Chem. 15/2011). <i>Angewandte Chemie</i> , 2011 , 123, 3384-3384	3.6	2
68	A mixed-spin molecular square with a hybrid [20]grid/metallocyclic architecture. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2820-3	16.4	40
67	A self-assembled M8L6 cubic cage that selectively encapsulates large aromatic guests. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3479-83	16.4	293
66	Inside Cover: A Self-Assembled M8L6 Cubic Cage that Selectively Encapsulates Large Aromatic Guests (Angew. Chem. Int. Ed. 15/2011). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3326-3326	16.4	2
65	Structural similarities in enzymatic, homogeneous and heterogeneous catalysts of water oxidation. <i>Chemical Science</i> , 2011 , 2, 2254	9.4	29
64	Reversible anion-templated self-assembly of [2+2] and [3+3] metallocycles containing a new dicopper(I) motif. <i>Chemical Communications</i> , 2011 , 47, 6021-3	5.8	22
63	Silver(I) Coordination Polymers Incorporating Neutral ECarbon Bound N,N?-Bis(acetylacetone)alkanediiimine Units. <i>Crystal Growth and Design</i> , 2011 , 11, 5688-5695	3.5	5
62	Interaction of Copper(II) with Ditopic Pyridyl-Eketone Ligands: Dimeric, Framework, and Metallogel Structures. <i>Crystal Growth and Design</i> , 2011 , 11, 1697-1704	3.5	26
61	Self-assembly of a metallocycle templated by iron(II). <i>Inorganic Chemistry</i> , 2011 , 50, 726-8	5.1	13
60	Complexation, computational, magnetic, and structural studies of the Maillard reaction product isomaltol including investigation of an uncommon Einteraction with copper(II). <i>Inorganic Chemistry</i> , 2011 , 50, 1498-505	5.1	16
59	New nickel(II) and iron(II) helicates and tetrahedra derived from expanded quaterpyridines. <i>Dalton Transactions</i> , 2011 , 40, 10481-90	4.3	47
58	Hybrid cyclic peptide-thiourea cryptands for anion recognition. <i>Chemical Communications</i> , 2011 , 47, 463-5.8	5.8	39
57	11-{[2-(3-Fluoro-phen-yl)eth-yl](meth-yl)amino}-penta-cyclo-[5.4.0.0.0]undecan-8-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2693	1	
56	Bis(tetra-phenyl-arsonium) di-Ehy-droxido-bis-[(nitrilo-triacetato)-cobalt(III)] octa-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1401-2		
55	Synthesis of all-L cyclic tetrapeptides using pseudoprolines as removable turn inducers. <i>Organic Letters</i> , 2010 , 12, 3136-9	6.2	42
54	Approach to 10-Unit BraceletFrameworks Based on Coordination of Alkyl-Substituted Cucurbit[5]urils and Potassium Ions. <i>Crystal Growth and Design</i> , 2010 , 10, 5113-5116	3.5	41

53	Platinum(II) and palladium(II) metallocycles derived from cationic 4,4'-bipyridinium, 3-aminopyrazinium and 2-aminopyrimidinium ligands. <i>Dalton Transactions</i> , 2010 , 239-47	4.3	9
52	New discrete and polymeric supramolecular architectures derived from dinuclear Co(II), Ni(II) and Cu(II) complexes of aryl-linked bis-beta-diketonato ligands and nitrogen bases: synthetic, structural and high pressure studies. <i>Dalton Transactions</i> , 2010 , 39, 2804-15	4.3	31
51	Structural diversity of complexes between Cu(II) or Ni(II) and endocyclic oxygen- or nitrogen-containing ligands: synthesis, X-ray structure determinations and circular dichroism spectra. <i>CrystEngComm</i> , 2010 , 12, 4217	3.3	10
50	Hierarchical self-assembly of a chiral metal-organic framework displaying pronounced porosity. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1075-8	16.4	83
49	A new nickel(II) coordination polymer derived from [Ni(N,N-ethylenebis(1,1,1-trifluoroacetylacetoneimino))] and 1,4-diazabicyclo[2.2.2]octane. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 558-562	3.1	10
48	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	3.1	4
47	Interaction of copper(II) with N-substituted bis(2-pyridylmethyl)amine derivatives. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 1148-1151	3.1	8
46	Synthesis of Symmetric Dinitro-Functionalised Tröger's Base Analogues. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 687-698	3.2	21
45	Predesigned hexanuclear Cu(II) and Cu(II)/Ni(II) metallacycles featuring six-node metallacoronand structural motifs. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7059-63	16.4	28
44	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	4	
43	Solid-State and Solution-Phase Conformations of Pseudoproline-Containing Dipeptides. <i>Australian Journal of Chemistry</i> , 2009 , 62, 711	1.2	9
42	Interaction of an extended series of N-substituted di(2-picoly)amine derivatives with copper(II). Synthetic, structural, magnetic and solution studies. <i>Dalton Transactions</i> , 2009 , 4795-805	4.3	38
41	Polymeric di- and discrete trinuclear silver(I) assemblies incorporating gamma-carbon bonded, neutral acetylacetone-imine motifs assembled from racemic and diastereopure N,N'-bis(acetylacetone)cyclohexanediiimine units. <i>Dalton Transactions</i> , 2009 , 4896-900	4.3	10
40	Tetra-ammonium diaqua-diperoxidocta-molybdate(VI) tetra-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, i53-i54	5	
39	Copper(I) Templated Synthesis of a 2,2'-Bipyridine Derived 2-Catenane: Synthetic, Modelling, and X-ray Studies. <i>Australian Journal of Chemistry</i> , 2009 , 62, 1014	1.2	31
38	[1,2-Bis(diphenyl-phosphino)-1,2-dicarba-closo-dodeca-borane- P_2P'][7,8-bis-(di-phenyl-phosphino)-7,8-dicarba-nido-undeca- P_2](2/1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m603-4		
37	2,5-Dioxopyrrolidin-1-yl adamantan-1-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1740-1	3	
36	Methyl 3-[(1-adamantylcarbon-yloxy)amino-carbon-yl]propanoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o1742-3	2	

35	Synthetic, structural, electrochemical and solvent extraction studies of neutral trinuclear Co(II), Ni(II), Cu(II) and Zn(II) metallocycles and tetrahedral tetrานuclear Fe(III) species incorporating 1,4-aryl-linked bis-beta-diketonato ligands. <i>Dalton Transactions</i> , 2008 , 1331-40	4.3	44
34	A new Fell quaterpyridyl M4L6 tetrahedron exhibiting selective anion binding. <i>Chemical Communications</i> , 2008 , 1190-2	5.8	82
33	A new 34-membered N6O4-donor macrocycle: synthetic, X-ray and solvent extraction studies. <i>New Journal of Chemistry</i> , 2008 , 32, 132-137	3.6	14
32	Assembly of a trinuclear metallo-capsule from a tripodal tris(beta-diketone) derivative and copper(II). <i>Dalton Transactions</i> , 2008 , 1683-5	4.3	22
31	Synthesis and co-crystallisation behaviour of copper(II) complexes of two isomeric p-tolyl-terpyridines§View all notes. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 3-13	1.6	8
30	Four zinc(II) helical coordination polymers and 78-membered six-node zinc metallacycle assembled from diastereopure N,N'-bis(acetylacetone)cyclohexanediiimine. <i>Inorganic Chemistry</i> , 2008 , 47, 10053-61 ¹	15	
29	Co(3)(PO(4))(2)H(2)O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, i67-i68	5	
28	A second polymorph with composition Co(3)(PO(4))(2)H(2)O. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, i69-i70	2	
27	Microwave synthesis of a rare [Ru(2)L(3)](4+) triple helicate and its interaction with DNA. <i>Chemistry - A European Journal</i> , 2008 , 14, 10535-8	4.8	57
26	Interaction of copper(II) and palladium(II) with linked 2,2?-dipyridylamine derivatives: Synthetic and structural studies. <i>Polyhedron</i> , 2008 , 27, 2889-2898	2.7	25
25	Expanding the 4,4?-bipyridine ligand: Structural variation in {M(pytpy)2}2+ complexes (pytpy=4?-(4-pyridyl)-2,2?:6?,2?-terpyridine, M=Fe, Ni, Ru) and assembly of the hydrogen-bonded, one-dimensional polymer. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2582-2590	2.7	54
24	Diethyl 6H,12H-5,11-methano-dibenzo[b,f][1,5]diazo-cine-1,7-dicarboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 65, o187	3	
23	Synthesis and preliminary DNA-binding studies of diimineplatinum(II) complexes containing 3- or 4-pyridineboronic acid. <i>Dalton Transactions</i> , 2007 , 2121-6	4.3	9
22	Dicarba-closo-dodecaborane(12) derivatives of phosphonium salts: easy formation of nido-carborane phosphonium zwitterions. <i>Dalton Transactions</i> , 2007 , 1982-5	4.3	36
21	Proton and anion control of framework complexity in copper(II) complex structures derived from 2-(hydroxymethyl)pyridine. <i>Polyhedron</i> , 2007 , 26, 673-678	2.7	15
20	(1R,2S,3R,6S,7R,8S)-Tricyclo[6.2.1.02,7]undeca-4,9-diene-3,6-diol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o92-o93		
19	Ethyl 3-[4-(ethoxycarbonyl)phenyl]-3,4-dihydroquinazoline-6-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o308-o310	1	
18	Cobalt(II), Copper(II), and Zinc(II) Framework Systems Derived from Ditopic Pyridyl-Acetylacetone and Pyridyl-Pyrazole Ligands. <i>Crystal Growth and Design</i> , 2007 , 7, 972-979	3.5	25

LIST OF PUBLICATIONS

17	Neutral (bis-beta-diketonato) iron(III), cobalt(II), nickel(II), copper(II) and zinc(II) metallocycles: structural, electrochemical and solvent extraction studies. <i>Dalton Transactions</i> , 2007 , 1719-30	4.3	37
16	Extended three-dimensional supramolecular architectures derived from trinuclear (bis-beta-diketonato)copper(II) metallocycles. <i>Dalton Transactions</i> , 2006 , 3114-21	4.3	66
15	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	3.3	14
14	Silver(I) complexation of linked 2,2'-dipyridylamine derivatives. Synthetic, solvent extraction, membrane transport and X-ray structural studies. <i>Dalton Transactions</i> , 2006 , 4783-94	4.3	49
13	Self-assembled Metallo-supramolecular Systems Incorporating Diketone Motifs as Structural Elements. <i>Advances in Inorganic Chemistry</i> , 2006 , 59, 1-37	2.1	64
12	New discrete and polymeric supramolecular architectures derived from dinuclear (bis-beta-diketonato)copper(II) metallocycles. <i>Dalton Transactions</i> , 2006 , 3977-84	4.3	61
11	Rational ligand design for metal ion recognition. Synthesis of a N-benzylated N ₂ S ₃ -donor macrocycle for enhanced silver(I) discrimination. <i>Dalton Transactions</i> , 2006 , 5115-7	4.3	24
10	New bis-Pyrazole Derivatives Synthesized From Aryl- and Xylyl-Linked bis(Diketone) Precursors. <i>Synthetic Communications</i> , 2006 , 36, 707-714	1.7	15
9	Reactive Indolyl Complexes of Group 9 Metals. <i>Organometallics</i> , 2006 , 25, 5800-5810	3.8	32
8	5-[(E)-2-(4-Methoxycarbonylphenyl)ethenyl]-1,1,3,3-tetramethylisoindolin-2-yloxy. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, o3535-o3536		
7	Bis(2,2,2,2-nitrilotriethanol)cobalt(II) bis(acetate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m2429-m2431		5
6	Aqua[bis(2-pyridylmethyl)amine][chelidonato(1.5)]copper(II) chelidonate(0.5) monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m3582-m3584		9
5	Di- and Tri-Nuclear Copper(II) Metallocycles: Building Blocks for Supramolecular Chemistry. <i>Australian Journal of Chemistry</i> , 2006 , 59, 660	1.2	14
4	Dinuclear bis-beta-diketonato ligand derivatives of iron(III) and copper(II) and use of the latter as components for the assembly of extended metallo-supramolecular structures. <i>Dalton Transactions</i> , 2005 , 857-64	4.3	78
3	(Ethane-1,2-diamine)dinitratopalladium(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m1940-m1942		
2	Triangles and tetrahedra: metal directed self-assembly of metallo-supramolecular structures incorporating bis-beta-diketonato ligands. <i>Dalton Transactions</i> , 2004 , 2417-23	4.3	97
1	Chapter 10: Functional Metallo-supramolecular Polyhedral Capsules and Cages. <i>Monographs in Supramolecular Chemistry</i> , 325-387	1.1	2