

Cameron J Kepert

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204
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115
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217
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ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
204	Guest-dependent spin crossover in a nanoporous molecular framework material. <i>Science</i> , 2002 , 298, 1762-1765	3.5	1339
203	Functionalization of Halloysite Clay Nanotubes by Grafting with γ -Aminopropyltriethoxysilane. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15742-15751	3.8	687
202	A Versatile Family of Interconvertible Microporous Chiral Molecular Frameworks: The First Example of Ligand Control of Network Chirality. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5158-5168	16.4	565
201	Advanced functional properties in nanoporous coordination framework materials. <i>Chemical Communications</i> , 2006 , 695-700	5.8	418
200	Dynamic interplay between spin-crossover and host-guest function in a nanoporous metal-organic framework material. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10998-1009	16.4	372
199	Hard magnets based on transition metal complexes with the dicyanamide anion, $\{N(CN)_2\}^-$. <i>New Journal of Chemistry</i> , 1998 , 22, 1515-1524	3.6	284
198	Negative thermal expansion and low-frequency modes in cyanide-bridged framework materials. <i>Physical Review B</i> , 2005 , 71,	3.3	276
197	Adsorption dynamics of gases and vapors on the nanoporous metal organic framework material $Ni_2(4,4'$ -bipyridine) $_3(NO_3)_4$: guest modification of host sorption behavior. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10001-11	16.4	275
196	Determining the charge distribution in BEDT-TTF salts. <i>Synthetic Metals</i> , 1997 , 86, 1973-1974	3.6	274
195	Zeolite-like crystal structure of an empty microporous molecular framework. <i>Chemical Communications</i> , 1999 , 375-376	5.8	271
194	Neutron powder diffraction study of D ₂ sorption in $Cu_3(1,3,5$ -benzenetricarboxylate) $_2$. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15578-9	16.4	252
193	Dynamic photo-switching in metal-organic frameworks as a route to low-energy carbon dioxide capture and release. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3695-8	16.4	248
192	Flexible sorption and transformation behavior in a microporous metal-organic framework. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9574-81	16.4	242
191	Construction of hydrogen-bonded and coordination-bonded networks of cobalt(II) with pyromellitate: synthesis, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2002 , 41, 3410-22	5.1	224
190	Single-crystal to single-crystal structural transformation and photomagnetic properties of a porous iron(II) spin-crossover framework. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2869-76	16.4	218
189	Negative thermal expansion in the metal-organic framework material $Cu_3(1,3,5$ -benzenetricarboxylate) $_2$. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8929-32	16.4	214
188	Metal-organic frameworks with exceptionally high methane uptake: where and how is methane stored?. <i>Chemistry - A European Journal</i> , 2010 , 16, 5205-14	4.8	208

187	Reversible guest exchange and ferrimagnetism ($T(C) = 60.5$ K) in a porous cobalt(II)-hydroxide layer structure pillared with trans-1,4-cyclohexanedicarboxylate. <i>Inorganic Chemistry</i> , 2003 , 42, 6709-22	5.1	206
186	Layered cobalt hydroxysulfates with both rigid and flexible organic pillars: synthesis, structure, porosity, and cooperative magnetism. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10584-94	16.4	196
185	Guest-dependent negative thermal expansion in nanoporous prussian blue analogues $M(II)Pt(IV)(CN)_6 \cdot x(H_2O)$ ($0 < x < 1$). <i>Journal of the American Chemical Society</i> , 2005 , 127, 17980-1	16.4	188
184	Direct observation of a transverse vibrational mechanism for negative thermal expansion in $Zn(CN)_2$: an atomic pair distribution function analysis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15630-6	16.4	188
183	Reversible ferromagnetic-antiferromagnetic transformation upon dehydration-hydration of the nanoporous coordination framework, $[Co_3(OH)_2(C_4O_4)_2] \cdot 3H_2O$. <i>Chemical Communications</i> , 2005 , 3012-4	5.8	186
182	Guest tunable structure and spin crossover properties in a nanoporous coordination framework material. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12106-8	16.4	185
181	Compositional dependence of negative thermal expansion in the Prussian Blue analogues $M(II)Pt(IV)(CN)_6$ ($M = Mn, Fe, Co, Ni, Cu, Zn, Cd$). <i>Journal of the American Chemical Society</i> , 2006 , 128, 7009-14	16.4	185
180	Cooperativity in Spin Crossover Systems: Memory, Magnetism and Microporosity. <i>Topics in Current Chemistry</i> , 195-228		179
179	Syntheses, structures and magnetism of $[Mn(dca)_2]$, $[Mn(dca)_2(H_2O)_2][H_2O]$, $[Mn(dca)_2(C_2H_5OH)_2][CH_3CO]$, $[Fe(dca)_2(CH_3OH)_2]$ and $[Mn(dca)_2(L)_2]$, where L = pyridine, CH ₃ OH or DMF and dca ³⁻ dicyanamide, $N(CN)_2^-$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2987-2997		179
178	Elucidating the mechanism of a two-step spin transition in a nanoporous metal-organic framework. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17552-62	16.4	166
177	Elucidating Negative Thermal Expansion in MOF-5. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 16181-16188	5.8	157
176	A porous chiral framework of coordinated 1,3,5-benzenetricarboxylate: quadruple interpenetration of the (10,3)-a network. <i>Chemical Communications</i> , 1998 , 31-32	5.8	156
175	Nanoporosity and exceptional negative thermal expansion in single-network cadmium cyanide. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1396-9	16.4	154
174	A nanoscale molecular switch triggered by thermal, light, and guest perturbation. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2549-52	16.4	153
173	In situ single-crystal X-ray diffraction studies of desorption and sorption in a flexible nanoporous molecular framework material. <i>Journal of the American Chemical Society</i> , 2005 , 127, 7891-900	16.4	150
172	Systematic metal variation and solvent and hydrogen-gas storage in supramolecular nanoballs. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8919-22	16.4	144
171	Reversible hydrogen gas uptake in nanoporous Prussian Blue analogues. <i>Chemical Communications</i> , 2005 , 3322-4	5.8	139
170	Hysteretic three-step spin crossover in a thermo- and photochromic 3D pillared Hofmann-type metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10154-8	16.4	131

169	Guest Programmable Multistep Spin Crossover in a Porous 2-D Hofmann-Type Material. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1330-1335	16.4	119
168	Hydrogen adsorption in HKUST-1: a combined inelastic neutron scattering and first-principles study. <i>Nanotechnology</i> , 2009 , 20, 204025	3.4	106
167	A thermal spin transition in a nanoporous iron(II) coordination framework material. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2059-62	16.4	105
166	Organosilane functionalization of halloysite nanotubes for enhanced loading and controlled release. <i>Nanotechnology</i> , 2012 , 23, 375705	3.4	103
165	Single Crystal to Single Crystal Structural Transformations in Molecular Framework Materials. <i>Australian Journal of Chemistry</i> , 2006 , 59, 597	1.2	100
164	Desolvation of a Novel Microporous Hydrogen-Bonded Framework: Characterization by In Situ Single-Crystal and Powder X-ray Diffraction. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 3158-3164	16.4	97
163	Understanding the two-step spin-transition phenomenon in Iron(II) 1D chain materials. <i>Chemistry - A European Journal</i> , 2008 , 14, 10123-33	4.8	95
162	Structural and magnetic resolution of a two-step full spin-crossover transition in a dinuclear iron(II) pyridyl-bridged compound. <i>Chemistry - A European Journal</i> , 2006 , 12, 8220-7	4.8	93
161	Thermal expansion matching via framework flexibility in zinc dicyanometallates. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6334-5	16.4	91
160	Zero thermal expansion in a flexible, stable framework: tetramethylammonium copper(I) zinc(II) cyanide. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10-1	16.4	89
159	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
158	Through-Space Intervalence Charge Transfer as a Mechanism for Charge Delocalization in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6622-6630	16.4	82
157	Local vibrational mechanism for negative thermal expansion: a combined neutron scattering and first-principles study. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 585-8	16.4	82
156	Hysteretic Four-Step Spin Crossover within a Three-Dimensional Porous Hofmann-like Material. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15105-15109	16.4	81
155	Selective recovery of dynamic guest structure in a nanoporous prussian blue through in situ X-ray diffraction: a differential pair distribution function analysis. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11232-3	16.4	78
154	The organo-pillared porous magnetic framework $\text{Co}_4(\text{SO}_4)(\text{OH})_6(\text{H}_2\text{NC}_2\text{H}_4\text{NH}_2)_0.5\cdot\text{BH}_2\text{O}$. <i>Chemical Communications</i> , 1999 , 2307-2308	5.8	78
153	The first example of a coordination polymer from the expanded 4,4'-bipyridine ligand $[\text{Ru}(\text{pytpy})_2]^{2+}$ (pytpy = 4'-(4-pyridyl)-2,2':6',2'-terpyridine). <i>CrystEngComm</i> , 2007 , 9, 456-459	3.3	74
152	Inelastic neutron scattering of H ₂ adsorbed in HKUST-1. <i>Journal of Alloys and Compounds</i> , 2007 , 446-447, 385-388	5.7	72

151	Negative thermal expansion in LnCo(CN) ₆ (Ln=La, Pr, Sm, Ho, Lu, Y): mechanisms and compositional trends. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5266-70	16.4	70
150	Dehydration of the nanoporous coordination framework ErIII[CoIII(CN) ₆].4(H ₂ O): single crystal to single crystal transformation and negative thermal expansion in ErIII[CoIII(CN) ₆]. <i>Chemical Communications</i> , 2006 , 1857-9	5.8	70
149	Anion-solvent dependence of bistability in a family of meridional N-donor-ligand-containing iron(II) spin crossover complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 8784-95	5.1	67
148	Spin crossover intermediate plateau stabilization in a flexible 2-D Hofmann-type coordination polymer. <i>Chemical Communications</i> , 2014 , 50, 3838-40	5.8	65
147	Reversible and selective O ₂ chemisorption in a porous metal-organic host material. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10885-91	16.4	65
146	Perturbation of spin crossover behavior by covalent post-synthetic modification of a porous metal-organic framework. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10164-8	16.4	62
145	Four-step iron(ii) spin state cascade driven by antagonistic solid state interactions. <i>Chemical Science</i> , 2017 , 8, 701-707	9.4	60
144	Self-assembly of an imidazolate-bridged Fe(III)/Cu(II) heterometallic cage. <i>Inorganic Chemistry</i> , 2014 , 53, 688-90	5.1	59
143	Enhancing selective CO ₂ adsorption via chemical reduction of a redox-active metal-organic framework. <i>Dalton Transactions</i> , 2013 , 42, 9831-9	4.3	59
142	Vectorial property dependence in bis {4'-(n-pyridyl)-2,2':6',2"-terpyridine}iron(II) and ruthenium(II) complexes with n = 2, 3 and 4. <i>Dalton Transactions</i> , 2008 , 386-96	4.3	59
141	Spin crossover-induced colossal positive and negative thermal expansion in a nanoporous coordination framework material. <i>Nature Communications</i> , 2017 , 8, 1053	17.4	57
140	3D Long-Range Magnetic Ordering in Layered MetalHydroxide Triangular Lattices 25 Å Apart. <i>Journal of Solid State Chemistry</i> , 1999 , 145, 452-459	3.3	57
139	Extreme compressibility in LnFe(CN) ₆ coordination framework materials via molecular gears and torsion springs. <i>Nature Chemistry</i> , 2016 , 8, 270-5	17.6	56
138	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
137	[V16O38(CN) ₉] ¹⁴⁻ a soluble mixed-valence redox-active building block with strong antiferromagnetic coupling. <i>Inorganic Chemistry</i> , 2012 , 51, 9192-9	5.1	50
136	Increasing spin crossover cooperativity in 2D Hofmann-type materials with guest molecule removal. <i>Chemical Science</i> , 2018 , 9, 5623-5629	9.4	50
135	Scrutinizing negative thermal expansion in MOF-5 by scattering techniques and ab initio calculations. <i>Dalton Transactions</i> , 2013 , 42, 1996-2007	4.3	49
134	Hydrogen Bond-Directed Hexagonal Frameworks Based on Coordinated 1,3,5-Benzenetricarboxylate. <i>Journal of Solid State Chemistry</i> , 2000 , 152, 261-270	3.3	48

133	Magnetic Materials Containing the Dicyanamide Anion, {N(Cn) ₂ } ⁺ <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 334, 693-702		47
132	Structural Systematics of Rare Earth Complexes. V. The Hydrated 1 : 1 Adducts of 2,2':6',2''-Terpyridine With the Lanthanoid(III) Chlorides. <i>Australian Journal of Chemistry</i> , 1994 , 47, 365	1.2	46
131	Thermal- and light-induced spin crossover in a guest-dependent dinuclear iron(II) system. <i>Chemistry - A European Journal</i> , 2010 , 16, 1973-82	4.8	44
130	A mixed-spin molecular square with a hybrid [2D]grid/metallocyclic architecture. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2820-3	16.4	40
129	Structure, magnetism and photomagnetism of mixed-ligand tris(pyrazolyl)methane iron(ii) spin crossover compounds. <i>Dalton Transactions</i> , 2007 , 4413-26	4.3	40
128	Interpenetration as a mechanism for negative thermal expansion in the metal-organic framework Cu ₃ (btb) ₂ (MOF-14). <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5175-8	16.4	38
127	Dynamic Photo-Switching in Metal-Organic Frameworks as a Route to Low-Energy Carbon Dioxide Capture and Release. <i>Angewandte Chemie</i> , 2013 , 125, 3783-3786	3.6	38
126	Reversible Guest Binding in a Non-Porous Fe(II) Coordination Polymer Host Toggles Spin Crossover. <i>Chemistry - A European Journal</i> , 2015 , 21, 16066-72	4.8	37
125	Hysteretic Three-Step Spin Crossover in a Thermo- and Photochromic 3D Pillared Hofmann-type Metal-Organic Framework. <i>Angewandte Chemie</i> , 2012 , 124, 10301-10305	3.6	37
124	Application of the piperazine-grafted CuBTri metal-organic framework in postcombustion carbon dioxide capture. <i>Microporous and Mesoporous Materials</i> , 2013 , 174, 74-80	5.3	36
123	Binary metal(II)pyromellitate coordination polymers, M ₂ (pm) (M=Co, Fe, Mn): synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2003 , 22, 1921-1927	2.7	35
122	Nanoporosity of an interpenetrated NbO-type molecular framework studied by single crystal X-ray diffraction. <i>Chemical Communications</i> , 2004 , 2168-9	5.8	33
121	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. <i>Dalton Transactions</i> , 2013 , 42, 7871-9	4.9	32
120	Structural Systematics of Rare Earth Complexes. XX (Maximally) Hydrated Rare Earth Sulfates and the Double Sulfates (NH ₄)Ln(SO ₄) ₂ .4H ₂ O (Ln = La, Tb). <i>Australian Journal of Chemistry</i> , 1999 , 52, 601	1.2	32
119	Thermal- and light-induced spin-crossover bistability in a disrupted Hofmann-type 3D framework. <i>Inorganic Chemistry</i> , 2014 , 53, 7886-93	5.1	31
118	A study of the magnetoresistance of the charge-transfer salt at hydrostatic pressures of up to 20 kbar: evidence for a charge-density-wave ground state and the observation of pressure-induced superconductivity. <i>Journal of Physics Condensed Matter</i> , 1996 , 8, 6005-6017	1.8	31
117	The conjugate acid of bis{4-(4-pyridyl)-2,2':6',2''-terpyridine}iron(II) as a self-complementary hydrogen-bonded building block. <i>CrystEngComm</i> , 2007 , 9, 1073	3.3	31
116	Exploiting Pressure To Induce a "Guest-Blocked" Spin Transition in a Framework Material. <i>Inorganic Chemistry</i> , 2016 , 55, 10490-10498	5.1	30

115	Carbon dioxide adsorption by physisorption and chemisorption interactions in piperazine-grafted Ni ₂ (dobdc) (dobdc = 1,4-dioxido-2,5-benzenedicarboxylate). <i>Dalton Transactions</i> , 2012 , 41, 11739-44	4.3	29
114	Structural Study of D ₂ within the Trimodal Pore System of a Metal Organic Framework. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 8851-8857	3.8	29
113	Selective gas adsorption in a pair of robust isostructural MOFs differing in framework charge and anion loading. <i>Inorganic Chemistry</i> , 2014 , 53, 12076-83	5.1	28
112	The Structural Systematics of Protonation of Some Important Nitrogen-base Ligands. I Some Univalent Anion Salts of Doubly Protonated 2, 2':6', 2''-Terpyridyl. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 1293-1302	1.3	28
111	Low energy phonons in the NTE compounds Zn(CN) ₂ and ZnPt(CN) ₆ . <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 60-62	2.8	28
110	Structural Systematics of Rare Earth Complexes. X (Maximally) Hydrated Rare Earth Acetates. <i>Australian Journal of Chemistry</i> , 1999 , 52, 437	1.2	28
109	Two new porous UiO-66-type zirconium frameworks; open aromatic N-donor sites and their post-synthetic methylation and metallation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5612-5618	13	27
108	Oxygen chemisorption/desorption in a reversible single-crystal-to-single-crystal transformation. <i>Chemical Science</i> , 2014 , 5, 4017-4025	9.4	27
107	Experimental and computational studies of a multi-electron donor-acceptor ligand containing the thiazolo[5,4-d]thiazole core and its incorporation into a metal-organic framework. <i>Chemistry - A European Journal</i> , 2014 , 20, 17597-605	4.8	27
106	Semiconducting charge-transfer salts of BEDT-TTF[bis(ethylenedithio)tetrathiafulvalene] with hexachlorometallate(IV)anions. <i>Journal of Materials Chemistry</i> , 1997 , 7, 221-228		27
105	Structural Systematics of Rare Earth Complexes. XI (Maximally) Hydrated Rare Earth(III) Trifluoro- and Trichloro-acetates. <i>Australian Journal of Chemistry</i> , 1999 , 52, 459	1.2	27
104	Influence of structure-activity relationships on through-space intervalence charge transfer in metal-organic frameworks with cofacial redox-active units. <i>Chemical Science</i> , 2019 , 10, 1392-1400	9.4	26
103	Effect of gas pressure on negative thermal expansion in MOF-5. <i>Chemical Communications</i> , 2013 , 49, 789-91	5.8	26
102	Structural Systematics of Rare Earth Complexes. XII Solvated 1 : 1 Adducts of Some Lanthanoid(III) Carboxylates with 1,10-Phenanthroline and 2,2':6',2''-Terpyridine. <i>Australian Journal of Chemistry</i> , 1999 , 52, 481	1.2	25
101	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
100	Synthesis, Crystal Structures, and Properties of Molecular Squares Displaying Hydrogen and π Bonded Networks. <i>Crystal Growth and Design</i> , 2009 , 9, 2734-2741	3.5	24
99	A nanoporous chiral metal-organic framework material that exhibits reversible guest adsorption. <i>Dalton Transactions</i> , 2008 , 6103-5	4.3	24
98	Guest Adsorption in the Nanoporous Metal-Organic Framework Cu ₃ (1,3,5-Benzenetricarboxylate) ₂ : Combined In Situ X-ray Diffraction and Vapor Sorption. <i>Chemistry of Materials</i> , 2014 , 26, 4712-4723	9.6	23

97	An investigation of photo- and pressure-induced effects in a pair of isostructural two-dimensional spin-crossover framework materials. <i>Chemistry - A European Journal</i> , 2014 , 20, 7448-57	4.8	22
96	Quasi-one-dimensional bis(ethylenedithio)tetrathiafulvalene charge-transfer salts with paramagnetic Group 6 anions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 607-614		22
95	New cobalt(II) and zinc(II) coordination frameworks incorporating a pyridyl-pyrazole ditopic ligand. <i>Dalton Transactions</i> , 2005 , 1598-601	4.3	22
94	Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) Charge Transfer Salts of $\text{Re}(\text{NCS})_{10}(\text{n})^{(-)}$ ($\text{n} = 2, 3$). <i>Inorganic Chemistry</i> , 1997 , 36, 1128-1135	5.1	21
93	Topotactic structural conversion and hydration-dependent thermal expansion in robust $\text{LnMIII}(\text{CN})_6\text{H}_2\text{O}$ and flexible $\text{ALnFeII}(\text{CN})_6\text{H}_2\text{O}$ frameworks ($\text{A} = \text{Li, Na, K}$; $\text{Ln} = \text{La, Pr, Y}$; $\text{M} = \text{Co, Fe}$; $0 \leq \text{h} \leq 1$). <i>Chemical Science</i> , 2014 , 5, 3409	9.4	20
92	Negative Thermal Expansion in $\text{LnCo}(\text{CN})_6$ ($\text{Ln} = \text{La, Pr, Sm, Ho, Lu, Y}$): Mechanisms and Compositional Trends. <i>Angewandte Chemie</i> , 2013 , 125, 5374-5378	3.6	20
91	Thermal Spin Crossover Behaviour of Two-Dimensional Hofmann-Type Coordination Polymers Incorporating Photoactive Ligands. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1563	1.2	20
90	Perturbation of Spin Crossover Behavior by Covalent Post-Synthetic Modification of a Porous Metal-Organic Framework. <i>Angewandte Chemie</i> , 2014 , 126, 10328-10332	3.6	20
89	Structural Properties of the Superconducting Salt $(\text{BEDT-TTF})_3\text{Cl}_2(\text{H}_2\text{O})_2$ at Low Temperatures. <i>Journal of Solid State Chemistry</i> , 1999 , 145, 496-502	3.3	20
88	Continuous negative-to-positive tuning of thermal expansion achieved by controlled gas sorption in porous coordination frameworks. <i>Nature Communications</i> , 2018 , 9, 4873	17.4	20
87	Interpenetration as a Mechanism for Negative Thermal Expansion in the Metal-Organic Framework $\text{Cu}_3(\text{btb})_2$ (MOF-14). <i>Angewandte Chemie</i> , 2014 , 126, 5275-5278	3.6	19
86	Multifunctional MOFs through CO_2 fixation: a metamagnetic kagome lattice with uniaxial zero thermal expansion and reversible guest sorption. <i>Dalton Transactions</i> , 2014 , 43, 14766-71	4.3	19
85	Curly-curly, loop-loop: homoleptic metal(ii) complexes of pyridinecarbaldehyde 4'-(2,2':6',2''-terpyridyl)hydrazones and their coordination polymers. <i>Dalton Transactions</i> , 2008 , 6742-51	4.3	19
84	The Structural Systematics of Protonation of Some Important Nitrogen-base Ligands. III. Some (Univalent) Anion Salts of some Hindered Unidentate Nitrogen Bases. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 1312-1325	1.3	19
83	Structural Systematics of Rare Earth Complexes. VII. Crystal Structure of Bis(2,2'/6',2''-ESC-Terpyridinium) Octa-aquaterbium(III) Heptachloride Hydrate. <i>Australian Journal of Chemistry</i> , 1994 , 47, 391	1.2	19
82	Hysteretic Four-Step Spin Crossover within a Three-Dimensional Porous Hofmann-like Material. <i>Angewandte Chemie</i> , 2016 , 128, 15329-15333	3.6	18
81	Identification of bridged CO_2 binding in a Prussian blue analogue using neutron powder diffraction. <i>Chemical Communications</i> , 2013 , 49, 9404-6	5.8	18
80	Synthesis, crystal structure and magnetic properties of a three-dimensional cyano-bridged heterometallic complex $[\text{NiII}(\text{Me}_6\text{-[14]ane-N}_4)]_2[\text{WIV}(\text{CN})_8]_3\text{H}_2\text{O}$. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 940-943	3.1	18

79	Iron(II) Molecular Framework Materials with 4,4'-Azopyridine. <i>Australian Journal of Chemistry</i> , 2005 , 58, 311	1.2	18
78	The electronic, optical and magnetic consequences of delocalization in multifunctional donor-acceptor organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11252-9	3.6	17
77	Commensurate CO ₂ Capture, and Shape Selectivity for HCCH over H ₂ CCH ₂ , in Zigzag Channels of a Robust Cu(I)(CN)(L) Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2016 , 55, 6195-200	5.1	17
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