Cameron J Kepert

List of Publications by Year
in descending order

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199 papers	15,995 citations	16411 64 h-index	16605 123 g-index
217 all docs	217 docs citations	217 times ranked	10853 citing authors

#	Article	IF	Citations
1	Guest-Dependent Spin Crossover in a Nanoporous Molecular Framework Material. Science, 2002, 298, 1762-1765.	6.0	1,428
2	Functionalization of Halloysite Clay Nanotubes by Grafting with Î³-Aminopropyltriethoxysilane. Journal of Physical Chemistry C, 2008, 112, 15742-15751.	1.5	827
3	A Versatile Family of Interconvertible Microporous Chiral Molecular Frameworks:Â The First Example of Ligand Control of Network Chirality. Journal of the American Chemical Society, 2000, 122, 5158-5168.	6.6	609
4	Advanced functional properties in nanoporous coordination framework materials. Chemical Communications, 2006, , 695.	2.2	429
5	Dynamic Interplay between Spin-Crossover and Hostâ^'Guest Function in a Nanoporous Metalâ^'Organic Framework Material. Journal of the American Chemical Society, 2009, 131, 10998-11009.	6.6	416
6	Hard magnets based on transition metal complexes with the dicyanamide anion, {N(CN)2}-,. New Journal of Chemistry, 1998, 22, 1515-1524.	1.4	324
7	Determining the charge distribution in BEDT-TTF salts. Synthetic Metals, 1997, 86, 1973-1974.	2.1	315
8	Negative thermal expansion and low-frequency modes in cyanide-bridged framework materials. Physical Review B, 2005, 71, .	1.1	312
9	Dynamic Photoâ€Switching in Metalâ€“Organic Frameworks as a Route to Lowâ€Energy Carbon Dioxide Capture and Release. Angewandte Chemie - International Edition, 2013, 52, 3695-3698.	7.2	309
10	Adsorption Dynamics of Gases and Vapors on the Nanoporous Metal Organic Framework Material Ni2(4,4â€˜-Bipyridine)3(NO3)4:Â Guest Modification of Host Sorption Behavior. Journal of the American Chemical Society, 2001, 123, 10001-10011.	6.6	296
11	Zeolite-like crystal structure of an empty microporous molecular framework. Chemical Communications, 1999, , 375-376.	2.2	287
12	Flexible Sorption and Transformation Behavior in a Microporous Metal-Organic Framework. Journal of the American Chemical Society, 2002, 124, 9574-9581.	6.6	268
13	Neutron Powder Diffraction Study of D2Sorption in Cu3(1,3,5-benzenetricarboxylate)2. Journal of the American Chemical Society, 2006, 128, 15578-15579.	6.6	266
14	Negative Thermal Expansion in the Metalâ€“Organic Framework Material Cu₃(1,3,5â€benzenetricarboxylate)₂. Angewandte Chemie - International Edition, 2008, 47, 8929-8932.	7.2	251
15	Construction of Hydrogen-Bonded and Coordination-Bonded Networks of Cobalt(II) with Pyromellitate:Â Synthesis, Structures, and Magnetic Properties. Inorganic Chemistry, 2002, 41, 3410-3422.	1.9	244
16	Compositional Dependence of Negative Thermal Expansion in the Prussian Blue Analogues MIIPtIV(CN)6 (M = Mn, Fe, Co, Ni, Cu, Zn, Cd). Journal of the American Chemical Society, 2006, 128, 7009-7014.	6.6	228
17	Single-Crystal to Single-Crystal Structural Transformation and Photomagnetic Properties of a Porous Iron(II) Spin-Crossover Framework. Journal of the American Chemical Society, 2008, 130, 2869-2876.	6.6	228
18	Metalâ€“Organic Frameworks with Exceptionally High Methane Uptake: Where and How is Methane Stored?. Chemistry - A European Journal, 2010, 16, 5205-5214.	1.7	227

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19	Reversible Guest Exchange and Ferrimagnetism (TC= 60.5 K) in a Porous Cobalt(II)â^'Hydroxide Layer Structure Pillared withtrans-1,4-Cyclohexanedicarboxylate. Inorganic Chemistry, 2003, 42, 6709-6722.	1.9	220
20	Guest-Dependent Negative Thermal Expansion in Nanoporous Prussian Blue Analogues MIIPtIV(CN)6Â·x{H2O} (0 â‰¤ x â‰¤ 2; M = Zn, Cd). Journal of the American Chemical Society, 2005, 127, 17980-17981.	6.6	215
21	Direct Observation of a Transverse Vibrational Mechanism for Negative Thermal Expansion in Zn(CN)2:â€‰An Atomic Pair Distribution Function Analysis. Journal of the American Chemical Society, 2005, 127, 15630-15636.	6.6	211
22	Layered Cobalt Hydroxysulfates with Both Rigid and Flexible Organic Pillars:â€‰Synthesis, Structure, Porosity, and Cooperative Magnetism. Journal of the American Chemical Society, 2001, 123, 10584-10594.	6.6	207
23	Guest Tunable Structure and Spin Crossover Properties in a Nanoporous Coordination Framework Material. Journal of the American Chemical Society, 2009, 131, 12106-12108.	6.6	201
24	Elucidating Negative Thermal Expansion in MOF-5. Journal of Physical Chemistry C, 2010, 114, 16181-16186.	1.5	199
25	Cooperativity in Spin Crossover Systems: Memory, Magnetism and Microporosity. Topics in Current Chemistry, 2004, , 195-228.	4.0	194
26	Reversible ferromagneticâ€“antiferromagnetic transformation upon dehydrationâ€“hydration of the nanoporous coordination framework, [Co3(OH)2(C4O4)2]Â·3H2O. Chemical Communications, 2005, , 3012.	2.2	194
27	Syntheses, structures and magnetism of Î±-Mn(dca)2, [Mn(dca)2(H2O)2]Â·H2O, [Mn(dca)2(C2H5OH)2]Â·(CH3)2CO, [Fe(dca)2(CH3OH)2] and [Mn(dca)2(L)2], where Lâ€…=â€…pyridine, CH3OH or DMF and dcaâ^'â€…=â€…dicyanamide, N(CN)2â^'â€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 2987-2997.	1.1	185
28	Elucidating the Mechanism of a Two-Step Spin Transition in a Nanoporous Metalâ^'Organic Framework. Journal of the American Chemical Society, 2008, 130, 17552-17562.	6.6	172
29	A porous chiral framework of coordinated 1,3,5-benzenetricarboxylate: quadruple interpenetration of the (10,3)-a network. Chemical Communications, 1998, , 31-32.	2.2	171
30	A Nanoscale Molecular Switch Triggered by Thermal, Light, and Guest Perturbation. Angewandte Chemie - International Edition, 2009, 48, 2549-2552.	7.2	169
31	Guest Programmable Multistep Spin Crossover in a Porous 2-D Hofmann-Type Material. Journal of the American Chemical Society, 2017, 139, 1330-1335.	6.6	169
32	Nanoporosity and Exceptional Negative Thermal Expansion in Singleâ€Network Cadmium Cyanide. Angewandte Chemie - International Edition, 2008, 47, 1396-1399.	7.2	167
33	Systematic Metal Variation and Solvent and Hydrogenâ€Gas Storage in Supramolecular Nanoballs. Angewandte Chemie - International Edition, 2009, 48, 8919-8922.	7.2	159
34	Reversible hydrogen gas uptake in nanoporous Prussian Blue analogues. Chemical Communications, 2005, , 3322.	2.2	155
35	In Situ Single-Crystal X-ray Diffraction Studies of Desorption and Sorption in a Flexible Nanoporous Molecular Framework Material. Journal of the American Chemical Society, 2005, 127, 7891-7900.	6.6	154
36	Hysteretic Threeâ€Step Spin Crossover in a Thermoâ€and Photochromic 3D Pillared Hofmannâ€type Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2012, 51, 10154-10158.	7.2	151

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37	Organosilane functionalization of halloysite nanotubes for enhanced loading and controlled release. Nanotechnology, 2012, 23, 375705.	1.3	123
38	Through-Space Intervalence Charge Transfer as a Mechanism for Charge Delocalization in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2018, 140, 6622-6630.	6.6	120
39	Desolvation of a Novel Microporous Hydrogen-Bonded Framework: Characterization by In Situ Single-Crystal and Powder X-ray Diffraction. Angewandte Chemie - International Edition, 1998, 37, 3158-3160.	7.2	114
40	A Thermal Spin Transition in a Nanoporous Iron(II) Coordination Framework Material. Angewandte Chemie - International Edition, 2007, 46, 2059-2062.	7.2	114
41	Hydrogen adsorption in HKUST-1: a combined inelastic neutron scattering and first-principles study. Nanotechnology, 2009, 20, 204025.	1.3	112
42	Understanding the Twoâ€Step Spinâ€Transition Phenomenon in Iron(II) 1D Chain Materials. Chemistry - A European Journal, 2008, 14, 10123-10133.	1.7	104
43	Zero Thermal Expansion in a Flexible, Stable Framework: Tetramethylammonium Copper(I) Zinc(II) Cyanide. Journal of the American Chemical Society, 2010, 132, 10-11.	6.6	104
44	Single Crystal to Single Crystal Structural Transformations in Molecular Framework Materials. Australian Journal of Chemistry, 2006, 59, 597.	0.5	103
45	Structural and Magnetic Resolution of a Two-Step Full Spin-Crossover Transition in a Dinuclear Iron(II) Pyridyl-Bridged Compound. Chemistry - A European Journal, 2006, 12, 8220-8227.	1.7	103
46	Hysteretic Fourâ€Step Spin Crossover within a Threeâ€Dimensional Porous Hofmannâ€like Material. Angewandte Chemie - International Edition, 2016, 55, 15105-15109.	7.2	102
47	Thermal Expansion Matching via Framework Flexibility in Zinc Dicyanometallates. Journal of the American Chemical Society, 2009, 131, 6334-6335.	6.6	101
48	Hierarchical Selfâ€Assembly of a Chiral Metalâ€“Organic Framework Displaying Pronounced Porosity. Angewandte Chemie - International Edition, 2010, 49, 1075-1078.	7.2	90
49	Selective Recovery of Dynamic Guest Structure in a Nanoporous Prussian Blue through in Situ X-ray Diffraction:Â A Differential Pair Distribution Function Analysis. Journal of the American Chemical Society, 2005, 127, 11232-11233.	6.6	88
50	Negative Thermal Expansion in LnCo(CN)₆ (Ln=La, Pr, Sm, Ho, Lu, Y): Mechanisms and Compositional Trends. Angewandte Chemie - International Edition, 2013, 52, 5266-5270.	7.2	88
51	Local Vibrational Mechanism for Negative Thermal Expansion: A Combined Neutron Scattering and Firstâ€Principles Study. Angewandte Chemie - International Edition, 2010, 49, 585-588.	7.2	87
52	Increasing spin crossover cooperativity in 2D Hofmann-type materials with guest molecule removal. Chemical Science, 2018, 9, 5623-5629.	3.7	84
53	Perturbation of Spin Crossover Behavior by Covalent Postâ€Synthetic Modification of a Porous Metalâ€“Organic Framework. Angewandte Chemie - International Edition, 2014, 53, 10164-10168.	7.2	81
54	The organo-pillared porous magnetic framework Co4(SO4)(OH)6(H2NC2H4NH2)0.5Â·3H2O. Chemical Communications, 1999, , 2307-2308.	2.2	80

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55	Spin crossover intermediate plateau stabilization in a flexible 2-D Hofmann-type coordination polymer. Chemical Communications, 2014, 50, 3838-3840.	2.2	80
56	Spin crossover-induced colossal positive and negative thermal expansion in a nanoporous coordination framework material. Nature Communications, 2017, 8, 1053.	5.8	80
57	The first example of a coordination polymer from the expanded 4,4â€²-bipyridine ligand [Ru(pytpy)2]2+(pytpy = 4â€²-(4-pyridyl)-2,2â€²â^¶6â€²,2â€³-terpyridine). CrystEngComm, 2007, 9, 456-459.	1.3	78
58	Four-step iron(<scp>ii</scp>) spin state cascade driven by antagonistic solid state interactions. Chemical Science, 2017, 8, 701-707.	3.7	78
59	Reversible and Selective O₂ Chemisorption in a Porous Metalâ€“Organic Host Material. Journal of the American Chemical Society, 2011, 133, 10885-10891.	6.6	75
60	Inelastic neutron scattering of H2 adsorbed in HKUST-1. Journal of Alloys and Compounds, 2007, 446-447, 385-388.	2.8	74
61	Dehydration of the nanoporous coordination framework Eriii[Coiii(CN)6]Â·4(H2O): single crystal to single crystal transformation and negative thermal expansion in Eriii[Coiii(CN)6]. Chemical Communications, 2006, , 1857-1859.	2.2	73
62	Extreme compressibility in LnFe(CN)6 coordination framework materials via molecular gears and torsion springs. Nature Chemistry, 2016, 8, 270-275.	6.6	71
63	Anionâ^'Solvent Dependence of Bistability in a Family of Meridional N-Donor-Ligand-Containing Iron(II) Spin Crossover Complexes. Inorganic Chemistry, 2007, 46, 8784-8795.	1.9	70
64	Self-Assembly of an Imidazolate-Bridged Fe^{III}/Cu^{II} Heterometallic Cage. Inorganic Chemistry, 2014, 53, 688-690.	1.9	66
65	Vectorial property dependence in bis{4â€²-(n-pyridyl)-2,2â€²:6â€²,2â€³-terpyridine}iron(ii) and ruthenium(ii) complexes with n = 2, 3 and 4. Dalton Transactions, 2008, , 386-396.	1.6	64
66	Enhancing selective CO2 adsorption via chemical reduction of a redox-active metalâ€“organic framework. Dalton Transactions, 2013, 42, 9831.	1.6	64
67	3D Long-Range Magnetic Ordering in Layered Metalâ€“Hydroxide Triangular Lattices 25 Ã... Apart. Journal of Solid State Chemistry, 1999, 145, 452-459.	1.4	61
68	Structural Systematics of Rare Earth Complexes. V. The Hydrated 1 : 1 Adducts of 2,2â€²:6â€²,2â€³-Terpyridine With the Lanthanoid(III) Chlorides. Australian Journal of Chemistry, 1994, 47, 365.	0.5	59
69	Scrutinizing negative thermal expansion in MOF-5 by scattering techniques and ab initio calculations. Dalton Transactions, 2013, 42, 1996-2007.	1.6	59
70	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
71	[V₁₆O₃₈(CN)]^{9â€“}: A Soluble Mixed-Valence Redox-Active Building Block with Strong Antiferromagnetic Coupling. Inorganic Chemistry, 2012, 51, 9192-9199.	1.9	55
72	Magnetic Materials Containing the Dicyanamide Anion, {N(Cn)<sub>2</sub}^{â^'}. Molecular Crystals and Liquid Crystals, 1999, 334, 693-702.	0.3	54

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73	Hydrogen Bond-Directed Hexagonal Frameworks Based on Coordinated 1,3,5-Benzenetricarboxylate. Journal of Solid State Chemistry, 2000, 152, 261-270.	1.4	54
74	Structural Systematics of Rare Earth Complexes. XX (Maximally) Hydrated Rare Earth Sulfates and the Double Sulfates (NH4)Ln(SO4)2.4H2O (Ln = La, Tb). Australian Journal of Chemistry, 1999, 52, 601.	0.5	50
75	Thermalâ€•and Lightâ€Induced Spin Crossover in a Guestâ€Dependent Dinuclear Iron(II) System. Chemistry - A European Journal, 2010, 16, 1973-1982.	1.7	49
76	Interpenetration as a Mechanism for Negative Thermal Expansion in the Metalâ€“Organic Framework Cu₃(btb)₂ (MOFâ€•14). Angewandte Chemie - International Edition, 2014, 53, 5175-5178.	7.2	46
77	A Mixedâ€Spin Molecular Square with a Hybrid [2Ã—2]Grid/Metallocyclic Architecture. Angewandte Chemie - International Edition, 2011, 50, 2820-2823.	7.2	45
78	Two new porous UiO-66-type zirconium frameworks; open aromatic N-donor sites and their post-synthetic methylation and metallation. Journal of Materials Chemistry A, 2017, 5, 5612-5618.	5.2	45
79	Structure, magnetism and photomagnetism of mixed-ligand tris(pyrazolyl)methane iron(ii) spin crossover compounds. Dalton Transactions, 2007, , 4413.	1.6	42
80	Application of the piperazine-grafted CuBTTri metal-organic framework in postcombustion carbon dioxide capture. Microporous and Mesoporous Materials, 2013, 174, 74-80.	2.2	41
81	Reversible Guest Binding in a Nonâ€Porous Fe^{II} Coordination Polymer Host Toggles Spin Crossover. Chemistry - A European Journal, 2015, 21, 16066-16072.	1.7	41
82	Exploiting Pressure To Induce a â€œGuest-Blockedâ€•Spin Transition in a Framework Material. Inorganic Chemistry, 2016, 55, 10490-10498.	1.9	41
83	Thermal- and Light-Induced Spin-Crossover Bistability in a Disrupted Hofmann-Type 3D Framework. Inorganic Chemistry, 2014, 53, 7886-7893.	1.9	39
84	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. Journal of Physics Condensed Matter, 1996, 8, 6005-6017.	0.7	37
85	Binary metal(II)â€“pyromellitate coordination polymers, M 2 (pm) (M=Co, Fe, Mn): synthesis, structures and magnetic properties. Polyhedron, 2003, 22, 1921-1927.	1.0	37
86	Experimental and Computational Studies of a Multiâ€Electron Donorâ€“Acceptor Ligand Containing the Thiazolo[5,4â€‹d]thiazole Core and its Incorporation into a Metalâ€“Organic Framework. Chemistry - A European Journal, 2014, 20, 17597-17605.	1.7	35
87	Structural Systematics of Rare Earth Complexes. X (â€˜Maximallyâ€™) Hydrated Rare Earth Acetates. Australian Journal of Chemistry, 1999, 52, 437.	0.5	34
88	The conjugate acid of bis{4â€²-(4-pyridyl)-2,2â€²:6â€²,2â€³-terpyridine}iron(ii) as a self-complementary hydrogen-bonded building block. CrystEngComm, 2007, 9, 1073.	1.3	34
89	Structural Study of D2 within the Trimodal Pore System of a Metal Organic Framework. Journal of Physical Chemistry C, 2011, 115, 8851-8857.	1.5	34
90	Structural Systematics of Rare Earth Complexes. XII Solvated 1 : 1 Adducts of Some Lanthanoid(III) Carboxylates with 1,10-Phenanthroline and 2,2â€²:6â€²,2″-Terpyridine. Australian Journal of Chemistry, 1999, 52, 481.	0.5	33

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91	Nanoporosity of an interpenetrated NbO-type molecular framework studied by single crystal X-ray diffraction. Chemical Communications, 2004, , 2168.	2.2	33
92	Solvent-modified dynamic porosity in chiral 3D kagome frameworks. Dalton Transactions, 2013, 42, 7871.	1.6	33
93	Continuous negative-to-positive tuning of thermal expansion achieved by controlled gas sorption in porous coordination frameworks. Nature Communications, 2018, 9, 4873.	5.8	33
94	Guest-Adaptable Spin Crossover Properties in a Dinuclear Species Underpinned by Supramolecular Interactions. Inorganic Chemistry, 2018, 57, 14930-14938.	1.9	33
95	Oxygen chemisorption/desorption in a reversible single-crystal-to-single-crystal transformation. Chemical Science, 2014, 5, 4017-4025.	3.7	32
96	Influence of structureâ€“activity relationships on through-space intervalence charge transfer in metalâ€“organic frameworks with cofacial redox-active units. Chemical Science, 2019, 10, 1392-1400.	3.7	32
97	The Structural Systematics of Protonation of Some Important Nitrogen-base Ligands. I Some Univalent Anion Salts of Doubly Protonated 2, 2â€²:6â€², 2â€³-Terpyridyl. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1293-1302.	0.6	31
98	Low energy phonons in the NTE compounds and. Physica B: Condensed Matter, 2006, 385-386, 60-62.	1.3	31
99	Effect of gas pressure on negative thermal expansion in MOF-5. Chemical Communications, 2013, 49, 789-791.	2.2	31
100	Structural Systematics of Rare Earth Complexes. XI (â€˜Maximallyâ€™) Hydrated Rare Earth(III) Trifluoro- and Trichloro-acetates. Australian Journal of Chemistry, 1999, 52, 459.	0.5	30
101	Carbon dioxide adsorption by physisorption and chemisorption interactions in piperazine-grafted Ni2(dobdc) (dobdc = 1,4-dioxido-2,5-benzenedicarboxylate). Dalton Transactions, 2012, 41, 11739.	1.6	30
102	Selective Gas Adsorption in a Pair of Robust Isostructural MOFs Differing in Framework Charge and Anion Loading. Inorganic Chemistry, 2014, 53, 12076-12083.	1.9	29
103	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
104	Semiconducting charge-transfer salts of BEDT-TTF [bis(ethylenedithio)tetrathiafulvalene] with hexachlorometallate(IV) anions. Journal of Materials Chemistry, 1997, 7, 221-228.	6.7	28
105	Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) Charge Transfer Salts of Re2(NCS)10n-(n= 2, 3). Inorganic Chemistry, 1997, 36, 1128-1135.	1.9	28
106	An Investigation of Photoâ€•and Pressureâ€Induced Effects in a Pair of Isostructural Twoâ€Dimensional Spinâ€Crossover Framework Materials. Chemistry - A European Journal, 2014, 20, 7448-7457.	1.7	27
107	Guest Adsorption in the Nanoporous Metalâ€“Organic Framework Cu3(1,3,5-Benzenetricarboxylate)2: Combined In Situ X-ray Diffraction and Vapor Sorption. Chemistry of Materials, 2014, 26, 4712-4723.	3.2	26
108	Synthesis, Crystal Structures, and Properties of Molecular Squares Displaying Hydrogen and Ï€â^Ï€ Bonded Networks. Crystal Growth and Design, 2009, 9, 2734-2741.	1.4	25

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109	Thermal Spin Crossover Behaviour of Two-Dimensional Hofmann-Type Coordination Polymers Incorporating Photoactive Ligands. Australian Journal of Chemistry, 2014, 67, 1563.	0.5	25
110	Quasi-one-dimensional bis(ethylenedithio)tetrathiafulvalene charge- transfer salts with paramagnetic Group 6 anions. Journal of the Chemical Society Dalton Transactions, 1997, , 607-614.	1.1	24
111	A nanoporous chiral metalâ€“organic framework material that exhibits reversible guest adsorption. Dalton Transactions, 2008, , 6103.	1.6	24
112	Perturbation of Spin Crossover Behavior by Covalent Postâ€Synthetic Modification of a Porous Metalâ€“Organic Framework. Angewandte Chemie, 2014, 126, 10328-10332.	1.6	24
113	Structural Systematics of Rare Earth Complexes. VII. Crystal Structure of Bis(2,2'/6',2â•-Terpyridinium) Octaaquaterbium(III) Heptachloride Hydrate. Australian Journal of Chemistry, 1994, 47, 391.	0.5	23
114	Topotactic structural conversion and hydration-dependent thermal expansion in robust LnM^{III}(CN)₆Â·nH₂O and flexible ALnFe^{II}(CN)₆Â·nH₂O frameworks (A = Li, Na, K; Ln = Laâ€“Lu, Y; M = Co,) Tj ETQq0 0 0 rgBT /Ove	3.7	23
115	Hysteretic Fourâ€Step Spin Crossover within a Threeâ€Dimensional Porous Hofmannâ€like Material. Angewandte Chemie, 2016, 128, 15329-15333.	1.6	23
116	New cobalt(ii) and zinc(ii) coordination frameworks incorporating a pyridylâ€“pyrazole ditopic ligand. Dalton Transactions, 2005, , 1598-1601.	1.6	22
117	Investigation of the Spin Crossover Properties of Three Dinulear Fe(II) Triple Helicates by Variation of the Steric Nature of the Ligand Type. Inorganics, 2017, 5, 62.	1.2	22
118	Structural Properties of the Superconducting Salt (BEDT-TTF)3Cl2Â·(H2O)2 at Low Temperatures. Journal of Solid State Chemistry, 1999, 145, 496-502.	1.4	21
119	The Structural Systematics of Protonation of Some Important Nitrogen-base Ligands. III. Some (Univalent) Anion Salts of some Hindered Unidentate Nitrogen Bases. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1312-1325.	0.6	21
120	Multifunctional MOFs through CO₂fixation: a metamagnetic kagome lattice with uniaxial zero thermal expansion and reversible guest sorption. Dalton Transactions, 2014, 43, 14766-14771.	1.6	21
121	Identification of bridged CO2 binding in a Prussian blue analogue using neutron powder diffraction. Chemical Communications, 2013, 49, 9404.	2.2	20
122	Synthesis, crystal structure and magnetic properties of a three-dimensional cyano-bridged heterometallic complex {NiII(Me6-[14]ane-N4)}2[WIV(CN)8]Â·6H2O. Inorganic Chemistry Communication, 2007, 10, 940-943.	1.8	19
123	Curlyâ€“curly, loopâ€“loop: homoleptic metal(ii) complexes of pyridinecarbaldehyde 4â€²-(2,2â€²:6â€²,2â€³-terpyridyl)hydrazones and their coordination polymers. Dalton Transactions, 2008, , 6742.	1.6	19
124	Structure and Magnetic Properties of the Spin Crossover Linear Trinuclear Complex [Fe3(furtrz)6(ptol)2(MeOH)4]Â·4(ptol)Â·4(MeOH) (furtrz: furanylidene-4H-1,2,4-triazol-4-amine ptol:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	19
125	Tunable Porous Coordination Polymers for the Capture, Recovery and Storage of Inhalation Anesthetics. Chemistry - A European Journal, 2017, 23, 7871-7875.	1.7	19
126	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

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127	A cofacial metalâ€“organic framework based photocathode for carbon dioxide reduction. Chemical Science, 2021, 12, 3608-3614.	3.7	19
128	Structural Systematics of Rare Earth Complexes. XXI Polymeric Sodium Bis(thiodiglycolato)neodymiate(III). Australian Journal of Chemistry, 1999, 52, 617.	0.5	19
129	Iron(II) Molecular Framework Materials with 4,4'-Azopyridine. Australian Journal of Chemistry, 2005, 58, 311.	0.5	18
130	A new modification of an old framework: Hofmann layers with unusual tetracyanidometallate groups. Dalton Transactions, 2011, 40, 11621.	1.6	18
131	Commensurate CO₂ Capture, and Shape Selectivity for HCCH over H₂CCH₂, in Zigzag Channels of a Robust Cu^I(CN)(L) Metalâ€“Organic Framework. Inorganic Chemistry, 2016, 55, 6195-6200.	1.9	18
132	Mixed-Component Sulfoneâ€“Sulfoxide Tagged Zinc IRMOFs: In Situ Ligand Oxidation, Carbon Dioxide, and Water Sorption Studies. Crystal Growth and Design, 2017, 17, 2016-2023.	1.4	18
133	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
134	The electronic, optical and magnetic consequences of delocalization in multifunctional donorâ€“acceptor organic polymers. Physical Chemistry Chemical Physics, 2015, 17, 11252-11259.	1.3	17
135	Structural Systematics of Rare Earth Complexes. VI. The Higher Hydrates of the Rare Earth Trichlorides. Australian Journal of Chemistry, 1994, 47, 385.	0.5	15
136	A highly distorted (10,3)-a coordination framework constructed from alternating T-shaped and trigonal nodes. CrystEngComm, 2005, 7, 266.	1.3	15
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