

# Brendan F Abrahams

## List of Publications by Citations

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135  
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5,415  
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41  
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70  
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139  
ext. papers

5,727  
ext. citations

5.8  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
135	Single-crystal-to-single-crystal transformations of two three-dimensional coordination polymers through regioselective [2+2] photodimerization reactions. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 4767-70	16.4	311
134	A {Cr(III)Dy(III)} single-molecule magnet: enhancing the blocking temperature through 3d magnetic exchange. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12014-9	16.4	289
133	Highly efficient separation of a solid mixture of naphthalene and anthracene by a reusable porous metal-organic framework through a single-crystal-to-single-crystal transformation. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11042-5	16.4	236
132	A Robust (10,3)-a Network Containing Chiral Micropores in the Ag Coordination Polymer of a Bridging Ligand that Provides Three Bidentate Metal-Binding Sites. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 2656-2659	16.4	230
131	Ni(tpt)(NO) -A Three-Dimensional Network with the Exceptional (12,3) Topology: A Self-Entangled Single Net. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1475-1477	16.4	229
130	Hydrothermal preparation of novel Cd(II) coordination polymers employing 5-(4-pyridyl)tetrazolate as a bridging ligand. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6544-6	5.1	211
129	A new type of infinite 3D polymeric network containing 4-connected, peripherally-linked metalloporphyrin building blocks. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 3606-3607	16.4	211
128	[[WS <sub>4</sub> Cu <sub>4</sub> (4,4'-bpy) <sub>4</sub> ][WS <sub>4</sub> Cu <sub>4</sub> I <sub>4</sub> (4,4'-bpy) <sub>2</sub> ]]infinity--an unusual 3D porous coordination polymer formed from the preformed cluster [Et <sub>4</sub> N] <sub>4</sub> [WS <sub>4</sub> Cu <sub>4</sub> I <sub>6</sub> ]. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 4741-5	16.4	204
127	Zinc saccharate: a robust, 3D coordination network with two types of isolated, parallel channels, one hydrophilic and the other hydrophobic. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1848-51	16.4	150
126	Surface-Confined Amorphous Films from Metal-Coordinated Simple Phenolic Ligands. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 5825-5832	9.6	141
125	Assembly of a supramolecular cube, [(Cp*WS <sub>3</sub> Cu <sub>3</sub> ) <sub>8</sub> Cl <sub>8</sub> (CN) <sub>12</sub> Li <sub>4</sub> ] from a preformed incomplete cubane-like compound [PPh <sub>4</sub> ][Cp*WS <sub>3</sub> (CuCN) <sub>3</sub> ]. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12682-3	16.4	125
124	Homochiral Zn and Cd coordination polymers containing amino acid-tetrazole ligands. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 7710-2	5.1	117
123	The archetype for a new class of simple extended 3D honeycomb frameworks. The synthesis and x-ray crystal structures of Cd(CN) <sub>5/3</sub> (OH) <sub>1/3</sub> .1/3(C <sub>6</sub> H <sub>12</sub> N <sub>4</sub> ), Cd(CN) <sub>2</sub> .1/3(C <sub>6</sub> H <sub>12</sub> N <sub>4</sub> ), and Cd(Cn) <sub>2</sub> .2/3H <sub>2</sub> O.tBuOH (C <sub>6</sub> H <sub>12</sub> N <sub>4</sub> = hexamethylenetetramine) revealing two topologically equivalent but geometrically different frameworks. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 2045-2051	16.4	103
122	AgC(CN) <sub>3</sub> -based coordination polymers. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 2654-64	5.1	100
121	A simple lithium(I) salt with a microporous structure and its gas sorption properties. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 1087-9	16.4	99
120	Synthesis of novel chiral and acentric coordination polymers by the reaction of zinc or cadmium salts with racemic 3-pyridyl-3-aminopropionic acid. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 53-60	4.8	98
119	Serendipity and design in the generation of new coordination polymers: an extensive series of highly symmetrical guanidinium-templated, carbonate-based networks with the sodalite topology. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 2894-904	16.4	90

118	Redox activity and two-step valence tautomerism in a family of dinuclear cobalt complexes with a spiroconjugated bis(dioxolene) ligand. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 8304-23	16.4	84
117	Heterometallic 3d-4f single-molecule magnets: ligand and metal ion influences on the magnetic relaxation. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3631-42	5.1	81
116	Coordination Polymers of 2,5-Dihydroxybenzoquinone and Chloranilic Acid with the (10,3)-aTopology. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 2717-2720	3.5	78
115	Stereoselective Solid-State Synthesis of Substituted Cyclobutanes Assisted by Pseudorotaxane-like MOFs. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12696-12701	16.4	75
114	Topological rearrangement within a single crystal from a honeycomb cadmium cyanide $[Cd(CN)_2]_n$ 3D net to a diamond net. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 10641-10643	16.4	73
113	Mixed-valent cobalt spin clusters: a hexanuclear complex and a one-dimensional coordination polymer comprised of alternating hepta- and mononuclear fragments. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8950-7	5.1	71
112	Polonium coordination networks constructed from bis(imidazole) ligands. <i>CrystEngComm</i> , <b>2002</b> , 4, 478-482	3.3	70
111	Ferroelectric Copper Quinine Complexes. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 4166-4168	9.6	63
110	In situ synthesis of trisubstituted methanol ligands and their potential as one-pot generators of cubane-like metal complexes. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 7095-102	4.8	62
109	Coordination polymers constructed by linking metal ions with azodibenzoate anions. <i>CrystEngComm</i> , <b>2008</b> , 10, 217-231	3.3	57
108	New tricks for an old dog: the carbonate ion as a building block for networks including examples of composition $[Cu_6(CO_3)_{12}(C(NH_2)_3)_8]^{4-}$ with the sodalite topology. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1112-5	16.4	54
107	Cages with tetrahedron-like topology formed from the combination of cyclotricatechylene ligands with metal cations. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 2896-9	16.4	52
106	$Ni_2(R^*COO)_4(H_2O)(4,4\text{-bipy})_2$ robust homochiral quartz-like network with large chiral channels. <i>CrystEngComm</i> , <b>2007</b> , 9, 27-29	3.3	52
105	Noncentrosymmetric organic solids with very strong harmonic generation response. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 2386-90	4.8	52
104	Mixed Valency in a 3D Semiconducting Iron-Fluoranylato Coordination Polymer. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 9025-9035	5.1	50
103	Acetic acid induced self-assembly of supramolecular compounds $[Et_4N]_3[(WS_4Cu_2)(\mu-CN)_3] \cdot 2MeCN$ and $[PPh_4][WS_4Cu_3(\mu-CN)_2] \cdot MeCN$ from preformed clusters $[A]_2[WS_4(CuCN)_2]$ (A = Et <sub>4</sub> N, PPh <sub>4</sub> ). <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3664-8	5.1	49
102	An Unexpected Zinc Coordination Polymer formed during the Preparation of 5-Substituted 1H-Tetrazoles from a Nitrile in Water. <i>Australian Journal of Chemistry</i> , <b>2002</b> , 55, 495	1.2	48
101	Covalent switching, involving divinylbenzene ligands within 3D coordination polymers, indicated by changes in fluorescence. <i>Chemical Communications</i> , <b>2018</b> , 54, 5831-5834	5.8	47

100	Stepwise Guest Exchange in a Cluster-Supported Three-Dimensional Host. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 399-401	3.5	46
99	Guanidinium ion as a symmetrical template in the formation of cubic hydrogen-bonded borate networks with the boracite topology. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 816-7	16.4	46
98	Closed and open clamlike structures formed by hydrogen-bonded pairs of cyclotricatechylene anions that contain cationic "meat". <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3129-32	16.4	45
97	A two-step valence tautomeric transition in a dinuclear cobalt complex. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 3944-6	5.1	44
96	The First Highly Stable Homochiral Olefin-Copper(I) 2D Coordination Polymer Grid Based on Quinine as a Building Block. <i>Organometallics</i> , <b>2003</b> , 22, 2814-2816	3.8	44
95	Role of NEt <sub>4</sub> <sup>+</sup> in Orienting and Locking Together [M <sub>2</sub> lig <sub>3</sub> ] <sub>2</sub> [(6,3) Sheets (H <sub>2</sub> lig = Chloranilic or Fluoranilic Acid) to Generate Spacious Channels Perpendicular to the Sheets. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 1465-1470	3.5	42
94	Solid-State Gas Adsorption Studies with Discrete Palladium(II) [Pd (L) ] Cages. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10559-10567	4.8	41
93	Highly symmetric networks derived from cubane-related octametallic complexes of a new oxyanion of carbon, C <sub>4</sub> O <sub>7</sub> (4-), each molecule attached to eight neighbors by 24 equivalent hydrogen bonds. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8624-5	16.4	37
92	Fluorite Topology in Lanthanoid Coordination Polymers with Di- and Trimetallic Building Blocks. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 4425-4430	3.5	36
91	Cubic, hydrogen-bonded (10,3)-a networks in the family [C(NH <sub>2</sub> ) <sub>3</sub> ][N(CH <sub>3</sub> ) <sub>4</sub> ][XO <sub>4</sub> ] (X = S, Cr, and Mo). <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 6157-60	16.4	34
90	Synthesis, structure and host-guest properties of (Et <sub>4</sub> N) <sub>2</sub> [Sn(IV)Ca(II)(chloranilate) <sub>4</sub> ], a new type of robust microporous coordination polymer with a 2D square grid structure. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12242-7	4.3	32
89	A highly symmetric diamond-like assembly of cyclotricatechylene-based tetrahedral cages. <i>Chemical Communications</i> , <b>2011</b> , 47, 7404-6	5.8	30
88	Structural and optical investigations of charge transfer complexes involving the radical anions of TCNQ and F <sub>4</sub> TCNQ. <i>CrystEngComm</i> , <b>2016</b> , 18, 8906-8914	3.3	28
87	A new type of 3D [(MII) <sub>2</sub> (TCNQII) <sub>3</sub> ] <sub>2</sub> coordination network with spacious channels of hexagonal cross-section generated from TCNQH <sub>2</sub> . <i>CrystEngComm</i> , <b>2012</b> , 14, 351-354	3.3	27
86	A New Class of Easily Generated TCNQ <sub>2</sub> -Based Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2860-2862	3.5	27
85	A New Approach to TCNQ-Based Coordination Polymers via TCNQH <sub>2</sub> . <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 1123-1125	3.5	27
84	Synthesis and voltammetry of [bmim] <sub>4</sub> [α-S <sub>2</sub> W <sub>18</sub> O <sub>62</sub> ] and related compounds: rapid precipitation and dissolution of reduced surface films. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 2530-40	5.1	25
83	The Structure of Cadmium Bis(isopropylxanthate)-4,4'-Bipyridine. <i>Australian Journal of Chemistry</i> , <b>1990</b> , 43, 1759	1.2	25

82	Voltammetric reduction and re-oxidation of solid coordination polymers of dihydroxybenzoquinone. <i>Chemical Communications</i> , <b>2012</b> , 48, 11422-4	5.8	24
81	Incorporation of a tripodal ligand with a (N,O,O)-donor set into a new family of nickel and cobalt spin clusters. <i>Polyhedron</i> , <b>2007</b> , 26, 369-377	2.7	23
80	Square Grid Metal-Chloranilate Networks as Robust Host Systems for Guest Sorption. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5222-5234	4.8	22
79	Isomeric ionic lithium isonicotinate three-dimensional networks and single-crystal-to-single-crystal rearrangements generating microporous materials. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 4956-69	5.1	21
78	Observance of a large conformational change associated with the rotation of the naphthyl groups during the photodimerization of criss-cross aligned CC bonds within a 2D coordination polymer. <i>CrystEngComm</i> , <b>2015</b> , 17, 4903-4911	3.3	19
77	PtS-Related $[Cu_2(F_4TCNQ)]_n$ Networks. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3018-3027	3.5	19
76	Investigation of a New Xanthate Ligand. The Crystal and Molecular Structures of Nickel and Cadmium (Methoxyethyl)xanthates. <i>Australian Journal of Chemistry</i> , <b>1988</b> , 41, 1117	1.2	19
75	Synthesis, structure and magnetic properties of a novel Tb <sub>4</sub> spin cluster and synthesis of a Tb chain. <i>Polyhedron</i> , <b>2007</b> , 26, 3023-3028	2.7	17
74	An unexpected network in guanidinium rhodizonate. <i>CrystEngComm</i> , <b>2005</b> , 7, 629	3.3	17
73	Tunable Porous Coordination Polymers for the Capture, Recovery and Storage of Inhalation Anesthetics. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7871-7875	4.8	16
72	Magnetic coupling between metal spins through the 7,7,8,8-tetracyanoquinodimethane (TCNQ) dianion. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7593-7	4.8	16
71	A New Structural Family of Gas-Sorbing Coordination Polymers Derived from Phenolic Carboxylic Acids. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18057-61	4.8	16
70	Channel-containing lanthanide mucate structures. <i>CrystEngComm</i> , <b>2003</b> , 5, 313-317	3.3	16
69	Stereoselective Solid-State Synthesis of Substituted Cyclobutanes Assisted by Pseudorotaxane-like MOFs. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12878-12883	3.6	15
68	New family of ferric spin clusters incorporating redox-active ortho-dioxolene ligands. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7765-81	5.1	15
67	A Multifunctional, Charge-Neutral, Chiral Octahedral M L Cage. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8489-8493	4.8	14
66	X <sub>4</sub> TCNQ <sub>2</sub> <sup>2-</sup> dianions: versatile building blocks for supramolecular systems. <i>CrystEngComm</i> , <b>2018</b> , 20, 3131-3152	3.3	14
65	Electrochemically directed synthesis of Cu <sub>2</sub> (I)(TCNQF <sub>4</sub> (II))(MeCN) <sub>2</sub> (TCNQF <sub>4</sub> = 2,3,5,6-tetrafluoro-7,7,8,8-tetracyanoquinodimethane): voltammetry, simulations, bulk electrolysis, spectroscopy, photoactivity, and X-ray crystal structure of the Cu <sub>2</sub> (I)(TCNQF <sub>4</sub> (II))(EtCN) <sub>2</sub> analogue. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3230-40	5.1	14

64	Controlling Interpenetration in Electroactive Co(II) Frameworks Based on the Tris(4-(pyridin-4-yl)phenyl)amine Ligand. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 1149-1155	3-5	13
63	Structural and optical investigations of charge transfer complexes involving the F4TCNQ dianion. <i>CrystEngComm</i> , <b>2014</b> , 16, 5234	3-3	13
62	Copper(II) coordination polymers of imdc <sup>+</sup> [H <sub>2</sub> imdc <sup>+</sup> = the 1,3-bis(carboxymethyl)imidazolium cation]: unusual sheet interpenetration and an unexpected single crystal-to-single crystal transformation. <i>CrystEngComm</i> , <b>2013</b> , 15, 9729	3-3	13
61	A doughnut-like (Mn(III)) <sub>12</sub> metallocycle formed by a rigid angular bis-catecholate with a nanometer-sized central hole. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5953-6	5-1	13
60	Trianionic organoborate triangles. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9797-803	5-1	13
59	Synthesis, structure and luminescent properties of a unique [WS <sub>4</sub> Cu <sub>4</sub> ]-based supramolecular compound [WS <sub>4</sub> Cu <sub>4</sub> (dmpzm) <sub>2</sub> (dca) <sub>2</sub> ]. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 623-626	3-1	13
58	A Reexamination of the Structure of Honeycomb Cadmium Cyanide. <i>Journal of Solid State Chemistry</i> , <b>2001</b> , 156, 51-56	3-3	13
57	Guest-induced Assembly of Bis(thiosemicarbazonato) Zinc(II) Coordination Nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8370-8374	16.4	12
56	Magnetic Exchange Effects in {Cr(III)2Dy(III)2} Single Molecule Magnets Containing Alcoholamine Ligands. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 1581	1.2	12
55	Cu(SO <sub>3</sub> ) <sub>4</sub> <sup>7-</sup> : A Readily Accessible Building Block for New Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 1288-1293	3-5	12
54	A mixed-valence, hexadecamolybdenum cluster with an MoVI cubane "jewel" in a "setting" of five molybdateVI-linked dinuclear MoV nits. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2805-10	4.8	12
53	New Cu <sub>2</sub> (TCNQ <sub>2</sub> ) and Cu <sub>2</sub> (F4TCNQ <sub>2</sub> ) Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2437-2444	3-5	11
52	Coordination Polymers Constructed from TCNQ <sub>2</sub> <sup>-</sup> Anions and Chelating Ligands. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 1871	1.2	11
51	Effects of Mixed Valency in an Fe-Based Framework: Coexistence of Slow Magnetic Relaxation, Semiconductivity, and Redox Activity. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3619-3630	5-1	10
50	Super-Efficient Platinum Catalyst Derived from a Semiconducting, DMF Solvate: Structural, Spectroscopic, Electrochemical, and Catalytic Characterization. <i>ChemCatChem</i> , <b>2014</b> , 6, 2345-2353	5-2	10
49	Syntheses and structural studies of platinum(II) complexes of O-methylselenomethionine and related ligands. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 3252-3256	2-7	10
48	Porous Polyrotaxane Coordination Networks Containing Two Distinct Conformers of a Discontinuously Flexible Ligand. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10467-10474	5-1	10
47	Structural chemistry and selective CO <sub>2</sub> uptake of a piperazine-derived porous coordination polymer. <i>CrystEngComm</i> , <b>2015</b> , 17, 2196-2203	3-3	9

46	Coordination networks incorporating the in situ generated ligands [OC(CO <sub>2</sub> ) <sub>3</sub> ] <sup>4-</sup> and [OCH(CO <sub>2</sub> ) <sub>2</sub> ] <sup>3-</sup> . <i>Journal of Molecular Structure</i> , <b>2006</b> , 796, 2-8	3.4	9
45	Li <sup>+</sup> and Ca <sup>2+</sup> Derivatives of the Isonicotinate-N-oxide Ion Including Single Crystal-to-Single Crystal Transformations. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 4602-4609	3.5	8
44	An extensive class of solids full of holes large enough to enclose over 200 molecules of H <sub>2</sub> O. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8640-3	16.4	8
43	A pillared discrete bilayer formed from guanidinium and ferrocenedisulfonate ions: synthesis, crystal structure, and initial electrochemical properties. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9027-9	5.1	8
42	NMR studies of anionic cadmium and mercury 1,1-dithiolate complexes. <i>Inorganica Chimica Acta</i> , <b>1989</b> , 162, 211-216	2.7	8
41	The structure of the cadmium tris(methoxyethylxanthato)anion, Cd(CH <sub>3</sub> OCH <sub>2</sub> CH <sub>2</sub> OCS <sub>2</sub> ) <sub>3</sub> <sup>-</sup> as its tetraethylammonium salt. <i>Inorganica Chimica Acta</i> , <b>1988</b> , 150, 147-148	2.7	8
40	A 3D [WSCu] cluster-based material with high iodine uptake capability. <i>Dalton Transactions</i> , <b>2019</b> , 48, 6695-6699	4.3	7
39	Interligand Charge-Transfer Interactions in Electroactive Coordination Frameworks Based on N, N'-Dicyanoquinonediimine (DCNQI). <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 9766-9774	5.1	7
38	Chiral and achiral linear coordination polymers from aldaric acids. <i>CrystEngComm</i> , <b>2010</b> , 12, 2885	3.3	7
37	Syntheses and NMR-Studies of Cationic Mercury Xanthate, Dithiophosphate and Dithiocarbamate Tricyclohexylphosphine Adducts - the Crystal and Molecular-Structures of [Hg(S <sub>2</sub> cnet <sub>2</sub> )(P(C-C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> (Cf <sub>3</sub> so <sub>3</sub> ) <sup>-</sup> [Hg(S <sub>2</sub> copri)(P(C-C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> (ClO <sub>4</sub> ) <sup>-</sup> .ch <sub>2</sub> cl <sub>2</sub> And [Hg(S <sub>2</sub> copri)(P(C-C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> (Cf <sub>3</sub> so <sub>3</sub> ) <sup>-</sup> . <i>Australian Journal of Chemistry</i> , <b>1986</b> , 39, 757	1.2	7
36	N.M.R. Studies of Phosphine Adducts of Mercury and Cadmium Xanthates and Halo Xanthates: Crystal and Molecular Structures of Cd(S <sub>2</sub> COPri) <sub>2</sub> PPh <sub>3</sub> , Hg(S <sub>2</sub> COPri) <sub>2</sub> PPh <sub>3</sub> and Hg(S <sub>2</sub> COPri) <sub>2</sub> p(c-C <sub>6</sub> H <sub>11</sub> ) <sub>3</sub> . <i>Australian Journal of Chemistry</i> , <b>1986</b> , 39, 1993	1.2	7
35	Tuning Charge-State Localization in a Semiconductive Iron(III) Chloranilate Framework Magnet Using a Redox-Active Cation. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 7551-7563	9.6	7
34	Self-assembly of a Si-based cage by the formation of 24 equivalent covalent bonds. <i>Chemical Communications</i> , <b>2018</b> , 54, 11877-11880	5.8	7
33	Two Cu <sub>21</sub> clusters with pseudo-D <sub>3</sub> symmetry derived from the D-saccharate pentaanion, C <sub>6</sub> H <sub>5</sub> O <sub>8</sub> ( <sup>5-</sup> ). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7454-9	4.8	6
32	A New Approach to DCNQI-Based Coordination Polymers via DCNQIH <sub>2</sub> . <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 1468-1470	3.5	6
31	Structural Influence of Cations on the Topology of Ferrocenemonosulfonate Salts. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3193-3199	3.5	6
30	A neutral chiral diamond-like 3D zinc(II) coordination network with sulfasalazine. <i>Journal of Molecular Structure</i> , <b>2008</b> , 882, 134-139	3.4	6
29	Ferrocene Mono- and Di-Sulfonates as Building Blocks in Hydrogen-Bonded Networks. <i>Australian Journal of Chemistry</i> , <b>2007</b> , 60, 578	1.2	6

28	Water-soluble scorpionate ligands and their reactions with molybdenum complexes. Crystal structures of lithium tris(3-isopropylpyrazol-1-yl)methanesulfonate and MoVOCl <sub>3</sub> (OPPh <sub>3</sub> ) <sub>2</sub> [MoVIO <sub>2</sub> Cl <sub>2</sub> (OPPh <sub>3</sub> ) <sub>2</sub> . <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 1252-1263	1.6	5
27	3d-Metal derivatives of the [Cu(I)(SO <sub>3</sub> ) <sub>4</sub> ] <sup>7-</sup> ion: structure and magnetism. <i>Dalton Transactions</i> , <b>2012</b> , 41, 4091-9	4.3	5
26	Construction of symmetric and asymmetric Mo/S/Cu clusters from a cluster precursor [Et <sub>4</sub> N] <sub>2</sub> [(edt) <sub>2</sub> Mo <sub>2</sub> S <sub>2</sub> (μ-S) <sub>2</sub> ] (edt = ethanedithiolate). <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10461-8	5.1	5
25	The structure-directing influence of guanidinium cations in the crystal structures of [C(NH <sub>2</sub> ) <sub>3</sub> ] <sub>2</sub> [MII(H <sub>2</sub> O) <sub>4</sub> (VO <sub>3</sub> ) <sub>4</sub> ]·4H <sub>2</sub> O (M = Mn, Co, Ni). <i>Polyhedron</i> , <b>2007</b> , 26, 300-304	2.7	5
24	Solvent-, Cation- and Anion-Induced Structure Variations in Manganese-Based TCNQF Complexes: Synthesis, Crystal Structures, Electrochemistry and Their Catalytic Properties. <i>ChemPlusChem</i> , <b>2018</b> , 83, 24-34	2.8	4
23	Crystallographic studies on a series of salts of 2,3,7-trihydroxy-9-phenyl-fluorone. <i>Journal of Molecular Structure</i> , <b>2009</b> , 920, 466-471	3.4	4
22	Synthesis and structural characterisation of a series of cobalt complexes of N-appended anthracenyl cyclam. <i>Polyhedron</i> , <b>2007</b> , 26, 1669-1676	2.7	4
21	The Crystal and Molecular-Structure of fac, fac-Mo <sub>2</sub> (CO) <sub>6</sub> (Ph <sub>2</sub> AsCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ) <sub>3</sub> a Case of Chemically Imposed Disorder in the Crystal Structure. <i>Australian Journal of Chemistry</i> , <b>1992</b> , 45, 941	1.2	4
20	Clam-like Cyclotricatechylene-based Capsules: Identifying the Roles of Protonation State and Guests as well as the Drivers for Stability and (Anti-)Cooperativity. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1301-1314	4.5	3
19	Synthesis, structure and cation-binding properties of some [4 + 4] metallocyclic MO <sub>2</sub> (2+) (M = Mo or W) derivatives of 9-phenyl-2,3,7-trihydroxyfluor-6-one. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 1721-8	5.1	3
18	Hydrogen-bonded networks from novel platinum(II) dimers. <i>CrystEngComm</i> , <b>2005</b> , 7, 701	3.3	3
17	Properties and structure of the cobalt(III) chromate cation, Co(NH <sub>3</sub> ) <sub>5</sub> CrO <sub>4</sub> <sup>+</sup> , as its perchlorate salt. <i>Inorganica Chimica Acta</i> , <b>1991</b> , 182, 135-138	2.7	3
16	Semi-conducting mixed-valent X <sub>4</sub> TCNQ/II(X = H, F) charge-transfer complexes with C <sub>6</sub> H <sub>2</sub> (NH <sub>2</sub> ) <sub>4</sub> . <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 9422-9426	7.1	2
15	The Effect of Sterically Active Ligand Substituents on Gas Adsorption within a Family of 3D Zn-Based Coordination Polymers. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8871-8881	5.1	2
14	Metal Exchange within a Body-Centred Cubic Hydrogen-Bonded Network. <i>Australian Journal of Chemistry</i> , <b>2007</b> , 60, 68	1.2	2
13	In Situ Spectroelectrochemical Investigations of RuII Complexes with Bispyrazolyl Methane Triarylamine Ligands. <i>Australian Journal of Chemistry</i> , <b>2017</b> , 70, 546	1.2	1
12	A Semiconducting Cationic Square-Grid Network with FeIII Centers Displaying Unusual Dynamic Behavior. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 1255-1259	2.3	1
11	Lightweight Ionic Networks Composed of Li or Mg Centres Linked Together by Dicarboxylate Ligands. <i>ChemPlusChem</i> , <b>2016</b> , 81, 877-884	2.8	1



10	Lattice response of the porous coordination framework Zn(hba) to guest adsorption. <i>Powder Diffraction</i> , <b>2017</b> , 32, S49-S53	1.8	1
9	NMR studies of mercury 1,1-dithiolate tricyclohexylphosphine complexes. The crystal and molecular structure of [Hg(S2CNEt2)(P(C6H11)3)(ClO4)]2·0.6CH2Cl2. <i>Inorganica Chimica Acta</i> , <b>1992</b> , 201, 95-100	2.7	1
8	Reversible and Vapochromic Chemisorption of Ammonia by a Copper(II) Coordination Polymer. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 817	1.2	1
7	The elusive crystals of calcium acetate hemihydrate: chiral rods linked by parallel hydrophilic strips. <i>CrystEngComm</i> , <b>2021</b> , 23, 707-713	3.3	1
6	Structural, Spectroscopic, and Electrochemical Characterization of Semi-Conducting, Solvated [Pt(NH3)4](TCNQ)2·[DMF]2 and Non-Solvated [Pt(NH3)4](TCNQ)2. <i>Australian Journal of Chemistry</i> , <b>2017</b> , 70, 997	1.2	0
5	A 2D hydrogen-bonded network constructed from large organic dications. <i>Journal of Molecular Structure</i> , <b>2010</b> , 975, 186-189	3.4	0
4	Inducing Structural Diversity in Anionic Metal-Tetraoxolene Coordination Polymers Using Templating Methyl Viologen Counteranions. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 1319-1332	3.5	0
3	Multifunctional Coordination Polymer Exhibiting Reversible Mechanical Motion Allowing Selective Uptake of Guests and Leading to Enhanced Electrical Conductivity. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13658-13668	5.1	0
2	Synthesis, structure and properties of coordination polymers formed from bridging 4-hydroxybenzoic acid anions. <i>CrystEngComm</i> , <b>2022</b> , 24, 1924-1933	3.3	0
1	A new fluorone-based bridging ligand for discrete and polymeric assemblies including Mo and W based [4+4] metallocycles. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 11437-11440	3.6	