

Stuart R Batten

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.

352
papers

24,910
citations

82
h-index

146
g-index

372
ext. papers

25,742
ext. citations

4.4
avg, IF

7.03
L-index

#	Paper	IF	Citations
352	Crystal engineering of coordination polymers using flexible tetracarboxylate linkers with embedded cyclohexyldiamine cores. <i>CrystEngComm</i> , 2021 , 23, 569-590	3.3	1
351	Topology of Infinite Networks 2021 , 368-388		
350	Coordination polymers of a bis-isophthalate bridging ligand with single molecule magnet behaviour of the Co analogue. <i>Dalton Transactions</i> , 2020 , 49, 5241-5249	4.3	2
349	Enhancing Multicomponent Metal-Organic Frameworks for Low Pressure Liquid Organic Hydrogen Carrier Separations. <i>Angewandte Chemie</i> , 2020 , 132, 6146-6154	3.6	7
348	Enhancing Multicomponent Metal-Organic Frameworks for Low Pressure Liquid Organic Hydrogen Carrier Separations. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6090-6098	16.4	26
347	Surfactant-controlled crystal growth of metal-organic frameworks and their nanoparticle pyrolysis products. <i>Materialia</i> , 2020 , 13, 100849	3.2	
346	Mixed donor, phenanthroline photoactive MOFs with favourable CO selectivity. <i>Chemical Communications</i> , 2020 , 56, 13377-13380	5.8	2
345	p-Xylylenediamine derived ligands as flexible connectors in the design of porous coordination polymers. <i>CrystEngComm</i> , 2019 , 21, 3074-3085	3.3	1
344	Metal selectivity for in-situ dehydrogenative cross-coupling of 2-hydroxymethylpyridine with small cyano anion. <i>Journal of Molecular Structure</i> , 2019 , 1198, 126928	3.4	
343	Trinodal Self-Penetrating Nets from Reactions of 1,4-Bis(alkoxy)-2,5-bis(3,2,6-tris(2-pyridin-4-yl)benzene Ligands with Cobalt(II) Thiocyanate. <i>Crystals</i> , 2019 , 9, 529	2.3	2
342	Professor Richard Robson FAA. <i>Australian Journal of Chemistry</i> , 2019 , 72, 729	1.2	0
341	CUB-5: A Contoured Aliphatic Pore Environment in a Cubic Framework with Potential for Benzene Separation Applications. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3828-3832	16.4	48
340	Anisotropic Thermal and Guest-Induced Responses of an Ultramicroporous Framework with Rigid Linkers. <i>Chemistry - A European Journal</i> , 2018 , 24, 4774-4779	4.8	2
339	Impact of the substitution pattern of xylyl-bridged 1,4-bis(1,4,7-triazacyclononane) ligands on the crystal structures of their zinc(II) complexes and their ability to bind to N-terminally tagged proteins. <i>Polyhedron</i> , 2018 , 144, 187-197	2.7	1
338	Insights into Selective Gas Sorbent Functionality Gained by Using Time-Resolved Neutron Diffraction. <i>ChemPlusChem</i> , 2018 , 83, 669-675	2.8	2
337	Synthetic approaches for the incorporation of free amine functionalities in porous coordination polymers for enhanced CO ₂ sorption. <i>Coordination Chemistry Reviews</i> , 2018 , 365, 1-22	23.2	36
336	Cadmium tris(dithiocarbamate) ionic liquids as single source, solvent-free cadmium sulfide precursors. <i>Chemical Communications</i> , 2018 , 54, 8925-8928	5.8	5

335	Deconstruction of Crystalline Networks into Underlying Nets: Relevance for Terminology Guidelines and Crystallographic Databases. <i>Crystal Growth and Design</i> , 2018 , 18, 3411-3418	3.5	42
334	Temperature-dependent 3D structures of lanthanide coordination polymers based on dicarboxylate mixed ligands. <i>CrystEngComm</i> , 2018 , 20, 7446-7457	3.3	13
333	High-Connectivity Approach to a Hydrolytically Stable Metal-Organic Framework for CO ₂ Capture from Flue Gas. <i>Chemistry of Materials</i> , 2018 , 30, 6614-6618	9.6	10
332	Transition Metal Thiocyanate Complexes of Picolylycyanoacetamides. <i>Australian Journal of Chemistry</i> , 2017 , 70, 516	1.2	32
331	Selectivity differences of coordination compound stationary phases for polyaromatic hydrocarbons and polar analytes in gas and liquid phases. <i>Journal of Chromatography A</i> , 2017 , 1500, 167-171	4.5	2
330	An uncommon 3D Co ^{II} -cluster-based metal-organic framework: Synthesis, structure and magnetism. <i>Inorganic Chemistry Communication</i> , 2017 , 82, 24-26	3.1	5
329	Coordination polymers and metal-organic frameworks: materials by design. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017 , 375,	3	29
328	A 3D luminescent Zn(II) MOF for the detection of high explosives and the degradation of organic dyes: an experimental and computational study. <i>CrystEngComm</i> , 2017 , 19, 6464-6472	3.3	49
327	An uncommon 3D 3,3,4,8-c Cd(II) metal-organic framework for highly efficient luminescent sensing and organic dye adsorption: experimental and theoretical insight. <i>CrystEngComm</i> , 2017 , 19, 7057-7067	3.3	25
326	Coordination polymers from a flexible alkyldiamine-derived ligand. <i>CrystEngComm</i> , 2017 , 19, 5137-5145	3.3	4
325	An uncommon (5,5)-connected 3D metal organic material for selective and sensitive sensing of nitroaromatics and ferric ion: experimental studies and theoretical analysis. <i>CrystEngComm</i> , 2017 , 19, 3519-3525	3.3	62
324	Heteroleptic and Homoleptic Iron(III) Spin-Crossover Complexes; Effects of Ligand Substituents and Intermolecular Interactions between Co-Cation/Anion and the Complex. <i>Inorganics</i> , 2017 , 5, 51	2.9	5
323	Two Unusual Nanocage-Based Ln-MOFs with Triazole Sites: Highly Fluorescent Sensing for Fe and Cr ^{VI} , and Selective CO Capture. <i>ChemPlusChem</i> , 2016 , 81, 1299-1304	2.8	106
322	A Luminescent Zinc(II) Metal-Organic Framework for Selective Detection of Nitroaromatics, Fe and Cr ^{VI} : A Versatile Threefold Fluorescent Sensor. <i>ChemPlusChem</i> , 2016 , 81, 885-892	2.8	59
321	Luminescent sensing of a new 8-connected topological metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2016 , 70, 160-163	3.1	17
320	Coordination Chemistry and Structural Dynamics of a Long and Flexible Piperazine-Derived Ligand. <i>Inorganic Chemistry</i> , 2016 , 55, 6692-702	5.1	18
319	Copper(II) complexes of three isomeric bis(tacn) ligands: Syntheses, structures and properties. <i>Polyhedron</i> , 2016 , 105, 246-252	2.7	4
318	Designed metal-organic framework based on metal-organic polyhedron: Drug delivery. <i>Inorganic Chemistry Communication</i> , 2016 , 71, 32-34	3.1	28

317	Luminescence sensing of an unusual tetranodal 3-connected topology of Cu(I)-MOF. <i>Inorganic Chemistry Communication</i> , 2016 , 69, 13-15	3.1	4
316	Porous Polyrotaxane Coordination Networks Containing Two Distinct Conformers of a Discontinuously Flexible Ligand. <i>Inorganic Chemistry</i> , 2016 , 55, 10467-10474	5.1	10
315	Discrete Fell Spin-Crossover Complexes of 2,2'-Dipyridylamino-Substituted s-Triazine Ligands with Phenoxo, Cyanophenoxo and Dibenzylamino Functionalities. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 763-777	2.3	8
314	Soluble Xanthate Compounds for the Solution Deposition of Metal Sulfide Thin Films. <i>ChemPlusChem</i> , 2015 , 80, 107-118	2.8	12
313	Bi-Nuclear Metal Complexes of 2,6-Bis(1,4,7-triazacyclonon-1-yl-methylene)pyridine with Zinc(II), Copper(II), and Nickel(II). <i>Australian Journal of Chemistry</i> , 2015 , 68, 1115	1.2	2
312	Coordination polymers from a highly flexible alkyldiamine-derived ligand: structure, magnetism and gas adsorption studies. <i>Dalton Transactions</i> , 2015 , 44, 17494-507	4.3	26
311	2,2'-Dipyridylamino-based ligands with substituted alkyl chain groups and their mononuclear-M(II) spin crossover complexes. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7845-7857	7.1	10
310	A cyclic dodecanuclear cobalt cluster based on a derivative of the rhodamine 6G dye with unusual magnetization. <i>Chemical Communications</i> , 2015 , 51, 12716-9	5.8	9
309	Supramolecular materials with robust and tunable channels constructed from tin(IV)porphyrin phenolates. <i>CrystEngComm</i> , 2015 , 17, 3060-3063	3.3	4
308	A combined experimental and computational study of novel nanocage-based metal-organic frameworks for drug delivery. <i>Dalton Transactions</i> , 2015 , 44, 19370-82	4.3	62
307	A fluoride bridged {Cr(III)4Dy(III)4} single molecule magnet. <i>Dalton Transactions</i> , 2015 , 44, 912-5	4.3	24
306	Structural chemistry and selective CO ₂ uptake of a piperazine-derived porous coordination polymer. <i>CrystEngComm</i> , 2015 , 17, 2196-2203	3.3	9
305	Modulating Porosity through Conformer-Dependent Hydrogen Bonding in Copper(II) Coordination Polymers. <i>Crystal Growth and Design</i> , 2015 , 15, 3417-3425	3.5	23
304	Synthesis and structure of new lanthanoid carbonate "lanthaballs". <i>Inorganic Chemistry</i> , 2015 , 54, 792-800	3.1	10
303	Control of Interpenetration in Two-Dimensional Metal-Organic Frameworks by Modification of Hydrogen Bonding Capability of the Organic Bridging Subunits. <i>Crystal Growth and Design</i> , 2015 , 15, 1336-1343	3.5	31
302	Anionic porous metal-organic framework with novel 5-connected vbc topology for rapid adsorption of dyes and tunable white light emission. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1085-1093	7.1	112
301	Metal complexes of new bis(tacn) ligands: Syntheses and structures of copper(II) complexes. <i>Polyhedron</i> , 2014 , 69, 219-224	2.7	8
300	The influence of anion, ligand geometry and stoichiometry on the structure and dimensionality of a series of AgI-bis(cyanobenzyl)piperazine coordination polymers. <i>CrystEngComm</i> , 2014 , 16, 6459-6468	3.3	20

299	Self-assembly of discrete and polymeric metallocsupramolecular architectures from cyclen-derived ligands. <i>CrystEngComm</i> , 2014 , 16, 3737-3748	3.3	27
298	Ferrocene-appended ligands for use in spin crossover-redox "hybrid" complexes of iron(II) and cobalt(II). <i>Dalton Transactions</i> , 2014 , 43, 15212-20	4.3	19
297	Formation of a non-porous cobalt-phosphonate framework by small pH change in the preparation of the microporous STA-16(Co). <i>CrystEngComm</i> , 2014 , 16, 6296-6299	3.3	4
296	A neutron diffraction study of hydrogen bonding in isostructural potassium and ammonium lanthanoidates. <i>CrystEngComm</i> , 2014 , 16, 1625-1631	3.3	3
295	Metal-organic frameworks as stationary phases for mixed-mode separation applications. <i>Chemical Communications</i> , 2014 , 50, 3735-7	5.8	45
294	Ultramicroporous MOF with High Concentration of Vacant Cull Sites. <i>Chemistry of Materials</i> , 2014 , 26, 4640-4646	9.6	29
293	Exploiting the Pyrazole-Carboxylate Mixed Ligand System in the Crystal Engineering of Coordination Polymers. <i>Crystal Growth and Design</i> , 2014 , 14, 5749-5760	3.5	20
292	Anion-Anion Interactions in the Crystal Packing of Functionalized Methanide Anions: An Experimental and Computational Study. <i>Crystal Growth and Design</i> , 2014 , 14, 1922-1932	3.5	21
291	International Year of Crystallography. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1718	1.2	
290	Adventitiously Obtained Rare-Earth Peroxide Complexes and Their Structural Characterisation. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1860	1.2	14
289	Metal-Organic Frameworks: Interpenetration and Entanglement 2014 , 1-16		2
288	Transition metal complexes of the small cyano anion dicyanonitromethanide [C(CN) ₂ (NO)] ⁻ <i>Polyhedron</i> , 2013 , 64, 352-364	2.7	9
287	Coordination polymers of transition metals derived from the in situ nucleophilic addition of alcohols to dicyanonitrosomethanide [C(CN) ₂ (NO)] ⁻ <i>Inorganica Chimica Acta</i> , 2013 , 403, 120-126	2.7	9
286	Terminology of metal-organic frameworks and coordination polymers (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013 , 85, 1715-1724	2.1	743
285	Crown-linked dipyridylamino-triazine ligands and their spin-crossover iron(II) derivatives: magnetism, photomagnetism and cooperativity. <i>Dalton Transactions</i> , 2013 , 42, 16494-509	4.3	25
284	Physical Properties and Structural Characterization of Ionic Liquids and Solid Electrolytes Utilizing the Carbamoylcyano(nitroso)methanide Anion. <i>ChemPlusChem</i> , 2013 , 78, 468-468	2.8	
283	Coordination polymers of a dipyridylazacrown ligand: structural, thermal and spectroscopic properties. <i>CrystEngComm</i> , 2013 , 15, 9655	3.3	5
282	Do perfluoroarene-arene and C ₆ H ₅ F interactions make a difference to the structures of 4,2':6':4'''-terpyridine-based coordination polymers?. <i>CrystEngComm</i> , 2013 , 15, 10068	3.3	23

281	Structure and magnetism of a mixed-valence octanuclear manganese(II/III) cluster derived from carbamoylcyanonitrosomethanide (ccnm). <i>Dalton Transactions</i> , 2013 , 42, 1400-5	4.3	6
280	Single molecule magnetism in a family of mononuclear β -diketonate lanthanide(III) complexes: rationalization of magnetic anisotropy in complexes of low symmetry. <i>Chemical Science</i> , 2013 , 4, 1719	9.4	185
279	Trinuclear and tetranuclear manganese clusters derived from cyano(imino(methoxy)methyl)nitrosomethanide (cmnm). <i>Polyhedron</i> , 2013 , 52, 797-803	2.7	11
278	Spin Crossover in a 3,5-Bis(2-pyridyl)-1,2,4-triazolate-Bridged Dinuclear Iron(II) Complex $[\{\text{Fe}(\text{NCBH}_3)(\text{py})\}_2(\text{L}1)_2]$ Powder versus Single Crystal Study. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 850-864	2.3	26
277	A simple one-pot, multi-component synthesis of cyano-functionalized bis- β -diketones. <i>Tetrahedron Letters</i> , 2013 , 54, 2661-2664	2	4
276	Post-synthetic monovalent central-metal exchange, specific I ₂ sensing, and polymerization of a catalytic [3B] grid of $[\text{Cu}(\text{II})_5\text{Cu}(\text{I})_4\text{L}_6]^{2+} \cdot 13 \text{H}_2\text{O}$. <i>Chemistry - A European Journal</i> , 2013 , 19, 6321-8	4.8	45
275	Influencing the Stability of Diaminomethane-Containing Azacrown Ether Ligands in the Presence of Transition-Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3240-3248	2.3	9
274	Physical Properties and Structural Characterization of Ionic Liquids and Solid Electrolytes Utilizing the Carbamoylcyano(nitroso)methanide Anion. <i>ChemPlusChem</i> , 2013 , 78, 486-497	2.8	12
273	Coordination polymers of sulphur-donor ligands. <i>Inorganica Chimica Acta</i> , 2013 , 403, 9-24	2.7	58
272	Two-Dimensional and Three-Dimensional Coordination Polymers of Hexakis(4-cyanophenyl)[3]radialene: The Role of Stoichiometry and Kinetics. <i>Crystal Growth and Design</i> , 2013 , 13, 2350-2361	3.5	18
271	Cuprous Halide Complexes of a Variable Length Ligand: Helices, Cluster Chains, and Nets Containing Large Solvated Channels. <i>Crystal Growth and Design</i> , 2013 , 13, 2335-2343	3.5	33
270	Solvent-induced reversible single-crystal-to-single-crystal transformations observed in lanthanide complexes. <i>Dalton Transactions</i> , 2013 , 42, 8545-8	4.3	14
269	Syntheses of pentanuclear group 6 iridium clusters by core expansion of tetranuclear clusters with $\text{Ir}(\text{CO})_2(\text{L}-\text{C}_5\text{Me}_4\text{R})$ (R = H, Me). <i>Inorganic Chemistry</i> , 2013 , 52, 11256-68	5.1	9
268	Coordination polymers of small cyano anions. <i>Chimia</i> , 2013 , 67, 379-82	1.3	5
267	An unusual self-penetrated metal-organic framework from mixed ligands: Synthesis, structure and magnetism. <i>Inorganic Chemistry Communication</i> , 2012 , 19, 27-30	3.1	25
266	Linear Trinuclear Copper(II) Complexes Derived from the Nucleophilic Addition Products of Dicyanonitrosomethanide $[\text{C}(\text{CN})_2(\text{NO})]$ Syntheses, Structures, and Magnetic Properties. <i>Australian Journal of Chemistry</i> , 2012 , 65, 918	1.2	7
265	Single molecule magnetism in a β -phenolato dinuclear lanthanide motif ligated by heptadentate Schiff base ligands. <i>Dalton Transactions</i> , 2012 , 41, 13711-5	4.3	37
264	Organic Ionic Plastic Crystals and Low Viscosity Ionic Liquids Based on the Dicyano(nitroso)methanide Anion. <i>ChemPlusChem</i> , 2012 , 77, 1039-1045	2.8	11

263	Melting point suppression in new lanthanoid(III) ionic liquids by trapping of kinetic polymorphs: an in situ synchrotron powder diffraction study. <i>Chemical Communications</i> , 2012 , 48, 124-6	5.8	23
262	Ln(III) ₂ Mn(III) ₂ heterobimetallic "butterfly" complexes displaying antiferromagnetic coupling (Ln = Eu, Gd, Tb, Er). <i>Dalton Transactions</i> , 2012 , 41, 11402-12	4.3	31
261	Tetradecanuclear polycarbonatolanthanoid clusters: diverse coordination modes of carbonate providing access to novel core geometries. <i>Dalton Transactions</i> , 2012 , 41, 10903-9	4.3	29
260	Phosphodiester cleavage properties of copper(II) complexes of 1,4,7-triazacyclononane ligands bearing single alkyl guanidine pendants. <i>Inorganic Chemistry</i> , 2012 , 51, 939-53	5.1	46
259	Structure and transport properties of a plastic crystal ion conductor: diethyl(methyl)(isobutyl)phosphonium hexafluorophosphate. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9688-97	16.4	133
258	Instantaneous gelation of a new copper(II) metallogel amenable to encapsulation of a luminescent lanthanide cluster. <i>Chemical Communications</i> , 2012 , 48, 4830-2	5.8	36
257	Synthesis, characterisation and adsorption properties of a porous copper(II) 3D coordination polymer exhibiting strong binding enthalpy and adsorption capacity for carbon dioxide. <i>Dalton Transactions</i> , 2012 , 41, 13364-9	4.3	2
256	A 3D network of tetranuclear α/β -carbonato Dy(III) bis-pyrazolylpyridine clusters showing single molecule magnetism features. <i>Chemical Communications</i> , 2012 , 48, 2089-91	5.8	63
255	Temperature-dependent capture of water molecules by saddle-shaped hexanuclear carboxylate cycloclusters in a (3,18)-connected metal-organic framework. <i>Chemistry - A European Journal</i> , 2012 , 18, 13954-8	4.8	31
254	A Family of Discrete Magnetically Switchable Nanoballs. <i>ChemPlusChem</i> , 2012 , 77, 616-623	2.8	11
253	Spin crossover in polymeric and heterometallic Fe(II) species containing polytopic dipyridylamino-substituted-triazine ligands. <i>Dalton Transactions</i> , 2012 , 41, 2571-81	4.3	13
252	In situ ligand formation in the synthesis of an octanuclear dysprosium 'double cubane' cluster displaying single molecule magnet features. <i>Dalton Transactions</i> , 2012 , 41, 3751-7	4.3	30
251	Coordination polymers, metal-organic frameworks and the need for terminology guidelines. <i>CrystEngComm</i> , 2012 , 14, 3001	3.3	392
250	Polyrotaxane metal-organic frameworks (PMOFs). <i>Chemical Communications</i> , 2012 , 48, 7899-912	5.8	163
249	Polymorphism and spin crossover in mononuclear Fe(II) species containing new dipyridylamino-substituted s-triazine ligands. <i>Dalton Transactions</i> , 2012 , 41, 1512-23	4.3	31
248	Lanthanoid-based ionic liquids incorporating the dicyanonitrosomethanide anion. <i>Chemistry - A European Journal</i> , 2012 , 18, 9580-9	4.8	25
247	Multifunctional 3-Fold Interpenetrated Porous Metal-Organic Frameworks Composed of Unprecedented Self-Catenated Networks. <i>Crystal Growth and Design</i> , 2012 , 12, 3392-3396	3.5	46
246	Supramolecular architecture of silver(I) coordination polymers containing polydentate N-donor ligands. <i>CrystEngComm</i> , 2012 , 14, 3717	3.3	42

245	Synthesis and magnetic properties of a series of 3d/4f/3d heterometallic trinuclear complexes incorporating in situ ligand formation. <i>Inorganica Chimica Acta</i> , 2012 , 389, 99-106	2.7	12
244	Synthesis and structural characterisation of a Co(II) coordination polymer incorporating a novel dicarboxy-Trißers base/bis-pyrazole mixed ligand system. <i>Inorganica Chimica Acta</i> , 2012 , 389, 112-117	2.7	24
243	Iron(II) Mononuclear Materials Containing Functionalised Dipyridylamino-Substituted Triazine Ligands: Structure, Magnetism and Spin Crossover. <i>Australian Journal of Chemistry</i> , 2012 , 65, 874	1.2	9
242	An exceptional 54-fold interpenetrated coordination polymer with 10(3)-srs network topology. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11406-9	16.4	314
241	Two Unprecedented Three-Dimensional Pb(II) Polymorphs and Structural Diversities Built on a Kinked Flexible Dicarboxylate Building Block. <i>Crystal Growth and Design</i> , 2011 , 11, 936-940	3.5	46
240	The chemistry and complexes of small cyano anions. <i>Chemical Communications</i> , 2011 , 47, 10189-210	5.8	66
239	A temperature-dependent order-disorder and crystallographic phase transition in a 0D Fe(II) spin crossover compound and its non-spin crossover Co(II) isomorph. <i>Dalton Transactions</i> , 2011 , 40, 10147-55	4.3	25
238	Two new 1D chains of Ni ₂ Na ₂ heterometallic double half-cubane building units: Synthesis, structures and variable temperature magnetic study. <i>Journal of Chemical Sciences</i> , 2011 , 123, 807-818	1.8	1
237	Spin Crossover and Solvate Effects in 1D Fe(II) Chain Compounds Containing Bis(dipyridylamine)-Linked Triazine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1395-1417	4.7	34
236	Supramolecular aspects of iron(II) crown-dipyridyl spin-crossover compounds. <i>Coordination Chemistry Reviews</i> , 2011 , 255, 2058-2067	23.2	31
235	Supramolecular isomers: the first 3-fold interpenetrating 8-connected hex-c3 net and an unusual 4-fold interpenetrating 65.8 net. <i>CrystEngComm</i> , 2011 , 13, 5296	3.3	28
234	Complexes of a hexa-nitrile dianion with neutral, chelating co-ligands: self-assembly, structure and magnetism. <i>Dalton Transactions</i> , 2011 , 40, 12358-67	4.3	5
233	Spin crossover in di-, tri- and tetranuclear, mixed-ligand tris(pyrazolyl)methane iron(II) complexes. <i>Dalton Transactions</i> , 2011 , 40, 6939-51	4.3	24
232	Novel ionic liquids and plastic crystals utilizing the cyanate anion. <i>Journal of Materials Chemistry</i> , 2011 , 21, 19219		23
231	An unusual uninodal 10-connected self-penetrating network built from sixteen-nuclear hybrid cadmium clusters. <i>CrystEngComm</i> , 2011 , 13, 4508	3.3	19
230	Observation of in Situ Ligand Reactions during the Assembly of Crystalline ZnS Clusters. <i>Crystal Growth and Design</i> , 2011 , 11, 16-20	3.5	7
229	Coordination polymers of hexacyanotrimethylenecyclopropanediide and its monoanionic radical: synthesis, structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2011 , 50, 6673-84	5.1	7
228	An antiferromagnetically coupled hexanuclear copper(II) Schiff base complex containing phenoxo and dicyanamido bridges: Structural aspects and magnetic properties. <i>Polyhedron</i> , 2011 , 30, 1767-1773	2.7	39

227	Di- and Triammonium Salts of Carbamoyldicyanomethanide, C(CN) ₂ (CONH ₂) ₃ Layered Organic Architectures. <i>Crystal Growth and Design</i> , 2010 , 10, 2501-2508	3.5	7
226	Cadmium Metal-Directed Three-Dimensional Coordination Polymers: In Situ Tetrazole Ligand Synthesis, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2010 , 10, 1332-1340	3.5	94
225	Unprecedented 4- and 6-connected 2D coordination networks based on 4(4)-subnet tectons, showing unusual supramolecular motifs of rotaxane and helix. <i>Inorganic Chemistry</i> , 2010 , 49, 365-7	5.1	132
224	Theoretical and experimental insights into the mechanism of the nucleophilic addition of water and methanol to dicyanonitrosomethanide. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 16517-27	3.4	21
223	Metal-organic framework (MOF): lanthanide(III)-doped approach for luminescence modulation and luminescent sensing. <i>Dalton Transactions</i> , 2010 , 39, 4485-8	4.3	152
222	Syntheses, structures, photoluminescence and magnetic properties of five compounds with 1,3,5-benzenetricarboxylate acid and imidazole ligands. <i>CrystEngComm</i> , 2010 , 12, 612-619	3.3	58
221	Topology and Interpenetration 2010 , 91-130		8
220	Organic-Inorganic hybrid coordination polymers based on the 5-oxycetate isophthalic acid (H ₃ OABDC) ligand: syntheses, structures, magnetic and luminescent properties. <i>CrystEngComm</i> , 2010 , 12, 4424	3.3	19
219	Transformation of a 1D to 3D coordination polymer mediated by low temperature lattice solvent loss. <i>Chemical Communications</i> , 2010 , 46, 4899-901	5.8	34
218	An unusual 3D entangled Co(II) coordination polymer directed by ferromagnetic molecular building block. <i>Inorganic Chemistry</i> , 2010 , 49, 10422-6	5.1	51
217	Structure and magnetism of new lanthanide 6-wheel compounds utilizing triethanolamine as a stabilizing ligand. <i>Dalton Transactions</i> , 2010 , 39, 1705-8	4.3	118
216	Synthesis, structures and spin crossover properties of infinite 3D frameworks of iron(II) containing organodinitrile bridging ligands. <i>Dalton Transactions</i> , 2010 , 39, 10900-9	4.3	9
215	Nucleophilic Addition of Water and Alcohols to Dicyanonitrosomethanide: Ligands with Diverse Bonding Modes in Magnetically Coupled d-Block Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 59-73	2.3	31
214	New Approaches to 12-Coordination: Structural Consequences of Steric Stress, Lanthanoid Contraction and Hydrogen Bonding. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2798-2812	2.3	22
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79	Coordination Polymers 2004 , 1-13		
78	Interpenetration 2004 , 735-741		2
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76	A neutral 3D copper coordination polymer showing 1D open channels and the first interpenetrating NbO-type network. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 192-5	16.4	536
75	A Neutral 3D Copper Coordination Polymer Showing 1D Open Channels and the First Interpenetrating NbO-Type Network. <i>Angewandte Chemie</i> , 2004 , 116, 194-197	3.6	39
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72	Structure and Magnetism of 3D Anionic Metal Dicyanamide (MePh ₃ P)[M(dca) ₃] (M = Fe, Co, Ni) and (EtPh ₃ P)[M(dca) ₃] (M = Mn, Co, Ni) Networks. <i>Crystal Growth and Design</i> , 2004 , 4, 503-508	3.5	35
71	Preparation of acentric porous coordination frameworks from an interpenetrated diamondoid array through anion-exchange procedures: crystal structures and properties. <i>Inorganic Chemistry</i> , 2004 , 43, 1287-93	5.1	149
70	Synthesis, structure and magnetism of new single molecule magnets composed of Mn ^{II} Mn ^{III} 2 alkoxo-carboxylate bridged clusters capped by triethanolamine ligands. <i>Dalton Transactions</i> , 2004 , 1003-413	4.3	138
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67	Structure and magnetism of coordination polymers containing dicyanamide and tricyanomethanide. <i>Coordination Chemistry Reviews</i> , 2003 , 246, 103-130	23.2	942
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53	Syntheses, crystal structures, and magnetic properties of first row transition metal coordination polymers containing dicyanamide and 4,4'-bipyridine. <i>Dalton Transactions RSC</i> , 2002 , 3712-3722		85
52	Synthesis, crystal structures and magnetic properties of linear and bent trinuclear complexes formed by hexacyanometallates and copper(II) complexes. <i>Dalton Transactions RSC</i> , 2002 , 3723-3730		36
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