

Stuart R Batten

List of Publications by Year in descending order

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356
papers

27,245
citations

4942

84
h-index

6979

154
g-index

372
all docs

372
docs citations

372
times ranked

12200
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper mediated in situ nucleophilic addition of polyalcohols to dicyanonitrosomethanide $\hat{\text{e}}$. Australian Journal of Chemistry, 2022, , .	0.5	0
2	Thermal, structural and dynamic properties of ionic liquids and organic ionic plastic crystals with a small ether-functionalised cation. Materials Chemistry Frontiers, 2022, 6, 1437-1455.	3.2	8
3	A silver(I) coordination polymer with bridging bis(thiosemicarbazone) ligands and unsupported argentophilic interactions. Journal of Coordination Chemistry, 2022, 75, 1691-1701.	0.8	0
4	Crystal engineering of coordination polymers using flexible tetracarboxylate linkers with embedded cyclohexyldiamine cores. CrystEngComm, 2021, 23, 569-590.	1.3	4
5	Topology of Infinite Networks. , 2021, , 368-388.		0
6	Surfactant-controlled crystal growth of metal $\hat{\text{e}}$ organic frameworks and their nanoparticle pyrolysis products. Materialia, 2020, 13, 100849.	1.3	1
7	Mixed donor, phenanthroline photoactive MOFs with favourable CO ₂ selectivity. Chemical Communications, 2020, 56, 13377-13380.	2.2	2
8	Coordination polymers of a bis-isophthalate bridging ligand with single molecule magnet behaviour of the Co ^{II} analogue. Dalton Transactions, 2020, 49, 5241-5249.	1.6	7
9	Enhancing Multicomponent Metal $\hat{\text{e}}$ Organic Frameworks for Low Pressure Liquid Organic Hydrogen Carrier Separations. Angewandte Chemie, 2020, 132, 6146-6154.	1.6	10
10	Enhancing Multicomponent Metal $\hat{\text{e}}$ Organic Frameworks for Low Pressure Liquid Organic Hydrogen Carrier Separations. Angewandte Chemie - International Edition, 2020, 59, 6090-6098.	7.2	50
11	Metal selectivity for in-situ dehydrogenative cross-coupling of 2-hydroxymethylpyridine with small cyano anion. Journal of Molecular Structure, 2019, 1198, 126928.	1.8	0
12	Trinodal Self-Penetrating Nets from Reactions of 1,4-Bis(alkoxy)-2,5-bis(3,2 $\hat{\text{e}}$ TM:6 $\hat{\text{e}}$ TM,3 $\hat{\text{e}}$ TM $\hat{\text{e}}$ TM-terpyridin-4 $\hat{\text{e}}$ TM-yl)benzene Ligands with Cobalt(II) Thiocyanate. Crystals, 2019, 9, 529.	1.0	6
13	<i>p</i> -Xylylenediamine derived ligands as flexible connectors in the design of porous coordination polymers. CrystEngComm, 2019, 21, 3074-3085.	1.3	1
14	CUB-5: A Contoured Aliphatic Pore Environment in a Cubic Framework with Potential for Benzene Separation Applications. Journal of the American Chemical Society, 2019, 141, 3828-3832.	6.6	87
15	Professor Richard Robson FAA. Australian Journal of Chemistry, 2019, 72, 729.	0.5	1
16	Anisotropic Thermal and Guest-Induced Responses of an Ultramicroporous Framework with Rigid Linkers. Chemistry - A European Journal, 2018, 24, 4774-4779.	1.7	3
17	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. Polyhedron, 2018, 144, 187-197.	1.0	1
18	Frontispiece: Anisotropic Thermal and Guest-Induced Responses of an Ultramicroporous Framework with Rigid Linkers. Chemistry - A European Journal, 2018, 24, .	1.7	0

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19	Insights into Selective Gas Sorbent Functionality Gained by Using Time-Resolved Neutron Diffraction. <i>ChemPlusChem</i> , 2018, 83, 669-675.	1.3	2
20	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.	9.5	55
21	Temperature-dependent 3D structures of lanthanide coordination polymers based on dicarboxylate mixed ligands. <i>CrystEngComm</i> , 2018, 20, 7446-7457.	1.3	18
22	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.	3.2	19
23	Cadmium tris(dithiocarbamate) ionic liquids as single source, solvent-free cadmium sulfide precursors. <i>Chemical Communications</i> , 2018, 54, 8925-8928.	2.2	6
24	Deconstruction of Crystalline Networks into Underlying Nets: Relevance for Terminology Guidelines and Crystallographic Databases. <i>Crystal Growth and Design</i> , 2018, 18, 3411-3418.	1.4	65
25	Transition Metal Thiocyanate Complexes of Picolylycyanoacetamides. <i>Australian Journal of Chemistry</i> , 2017, 70, 516.	0.5	44
26	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.	1.8	2
27	An uncommon 3D Co ₅ -cluster-based metal-organic framework: Synthesis, structure and magnetism. <i>Inorganic Chemistry Communication</i> , 2017, 82, 24-26.	1.8	6
28	Coordination polymers and metal-organic frameworks: materials by design. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160032.	1.6	44
29	A 3D luminescent Zn(<i>ii</i>) 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.	1.3	66
30	An uncommon 3D 3,3,4,8-c Cd(<i>ii</i>) metal-organic framework for highly efficient luminescent sensing and organic dye adsorption: experimental and theoretical insight. <i>CrystEngComm</i> , 2017, 19, 7057-7067.	1.3	31
31	Coordination polymers from a flexible alkyldiamine-derived ligand. <i>CrystEngComm</i> , 2017, 19, 5137-5145.	1.3	6
32	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.	1.3	78
33	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.	1.2	13
34	Designed metal-organic framework based on metal-organic polyhedron: Drug delivery. <i>Inorganic Chemistry Communication</i> , 2016, 71, 32-34.	1.8	31
35	Luminescence sensing of an unusual tetranodal 3-connected topology of Cu(I)-MOF. <i>Inorganic Chemistry Communication</i> , 2016, 69, 13-15.	1.8	5
36	Porous Polyrotaxane Coordination Networks Containing Two Distinct Conformers of a Discontinuously Flexible Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 10467-10474.	1.9	11

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37	Coordination Polymers/MOFs: Structures, Properties and Applications. ChemPlusChem, 2016, 81, 669-670.	1.3	32
38	Two Unusual Nanocage-Based Ln-MOFs with Triazole Sites: Highly Fluorescent Sensing for Fe ³⁺ and Cr ₂ O ₇ ²⁻ , and Selective CO ₂ Capture. ChemPlusChem, 2016, 81, 1299-1304.	1.3	133
39	A Luminescent Zinc(II) Metal-Organic Framework for Selective Detection of Nitroaromatics, Fe ³⁺ and CrO ₄ ²⁻ : A Versatile Threefold Fluorescent Sensor. ChemPlusChem, 2016, 81, 885-892.	1.3	67
40	Luminescent sensing of a new 8-connected topological metal-organic framework. Inorganic Chemistry Communication, 2016, 70, 160-163.	1.8	19
41	Coordination Chemistry and Structural Dynamics of a Long and Flexible Piperazine-Derived Ligand. Inorganic Chemistry, 2016, 55, 6692-6702.	1.9	18
42	Copper(II) complexes of three isomeric bis(tacn) ligands: Syntheses, structures and properties. Polyhedron, 2016, 105, 246-252.	1.0	5
43	Structural chemistry and selective CO ₂ uptake of a piperazine-derived porous coordination polymer. CrystEngComm, 2015, 17, 2196-2203.	1.3	9
44	Modulating Porosity through Conformer-Dependent Hydrogen Bonding in Copper(II) Coordination Polymers. Crystal Growth and Design, 2015, 15, 3417-3425.	1.4	23
45	Synthesis and Structure of New Lanthanoid Carbonate -Lanthaballs. Inorganic Chemistry, 2015, 54, 792-800.	1.9	11
46	Control of Interpenetration in Two-Dimensional Metal-Organic Frameworks by Modification of Hydrogen Bonding Capability of the Organic Bridging Subunits. Crystal Growth and Design, 2015, 15, 1336-1343.	1.4	32
47	Discrete Fe ^{II} Spin-Crossover Complexes of 2,2'-Dipyridylamino-Substituted <i>s</i> -Triazine Ligands with Phenoxo, Cyanophenoxo and Dibenzylamino Functionalities. European Journal of Inorganic Chemistry, 2015, 2015, 763-777.	1.0	8
48	Soluble Xanthate Compounds for the Solution Deposition of Metal Sulfide Thin Films. ChemPlusChem, 2015, 80, 107-118.	1.3	13
49	Bi-Nuclear Metal Complexes of 2,6-Bis(1,4,7-triazacyclonon-1-yl-methylene)pyridine with Zinc(II), Copper(II), and Nickel(II). Australian Journal of Chemistry, 2015, 68, 1115.	0.5	2
50	Coordination polymers from a highly flexible alkyldiamine-derived ligand: structure, magnetism and gas adsorption studies. Dalton Transactions, 2015, 44, 17494-17507.	1.6	29
51	2,2'-Dipyridylamino-based ligands with substituted alkyl chain groups and their mononuclear-M(ⁱⁱ) spin crossover complexes. Journal of Materials Chemistry C, 2015, 3, 7845-7857.	2.7	10
52	A cyclic dodecanuclear cobalt cluster based on a derivative of the rhodamine 6G dye with unusual magnetization. Chemical Communications, 2015, 51, 12716-12719.	2.2	9
53	Supramolecular materials with robust and tunable channels constructed from tin(^{iv})porphyrin phenolates. CrystEngComm, 2015, 17, 3060-3063.	1.3	6
54	A combined experimental and computational study of novel nanocage-based metal-organic frameworks for drug delivery. Dalton Transactions, 2015, 44, 19370-19382.	1.6	83

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55	A fluoride bridged $\{Cr^{III}_4Dy^{III}_4\}$ single molecule magnet. Dalton Transactions, 2015, 44, 912-915.	1.6	34
56	International Year of Crystallography. Australian Journal of Chemistry, 2014, 67, 1718.	0.5	0
57	Adventitiously Obtained Rare-Earth Peroxide Complexes and Their Structural Characterisation. Australian Journal of Chemistry, 2014, 67, 1860.	0.5	17
58	Anionic porous metal-organic framework with novel 5-connected vbk topology for rapid adsorption of dyes and tunable white light emission. Journal of Materials Chemistry C, 2014, 2, 1085-1093.	2.7	119
59	Metal complexes of new bis(tacn) ligands: Syntheses and structures of copper(II) complexes. Polyhedron, 2014, 69, 219-224.	1.0	8
60	The influence of anion, ligand geometry and stoichiometry on the structure and dimensionality of a series of Ag^I -bis(cyanobenzyl)piperazine coordination polymers. CrystEngComm, 2014, 16, 6459-6468.	1.3	21
61	Self-assembly of discrete and polymeric metallosupramolecular architectures from cyclen-derived ligands. CrystEngComm, 2014, 16, 3737-3748.	1.3	28
62	Ferrocene-appended ligands for use in spin crossover-redox hybrid-complexes of iron(II) and cobalt(II). Dalton Transactions, 2014, 43, 15212-15220.	1.6	20
63	Formation of a non-porous cobalt-phosphonate framework by small pH change in the preparation of the microporous STA-16(Co). CrystEngComm, 2014, 16, 6296-6299.	1.3	4
64	A neutron diffraction study of hydrogen bonding in isostructural potassium and ammonium lanthanoidates. CrystEngComm, 2014, 16, 1625-1631.	1.3	5
65	Metal-organic frameworks as stationary phases for mixed-mode separation applications. Chemical Communications, 2014, 50, 3735.	2.2	47
66	Ultramicroporous MOF with High Concentration of Vacant Cu^{II} Sites. Chemistry of Materials, 2014, 26, 4640-4646.	3.2	29
67	Exploiting the Pyrazole-Carboxylate Mixed Ligand System in the Crystal Engineering of Coordination Polymers. Crystal Growth and Design, 2014, 14, 5749-5760.	1.4	22
68	Anion-Anion Interactions in the Crystal Packing of Functionalized Methanide Anions: An Experimental and Computational Study. Crystal Growth and Design, 2014, 14, 1922-1932.	1.4	25
69	2014 International year of crystallography celebration: Asia-Pacific. CrystEngComm, 2014, 16, 6276.	1.3	0
70	Transition metal complexes of the small cyano anion dicyanonitromethanide $[C(CN)_2(NO)]^-$. Polyhedron, 2013, 64, 352-364.	1.0	10
71	Coordination polymers of transition metals derived from the in situ nucleophilic addition of alcohols to dicyanonitrosomethanide $[C(CN)_2(NO)]^-$. Inorganica Chimica Acta, 2013, 403, 120-126.	1.2	11
72	Terminology of metal-organic frameworks and coordination polymers (IUPAC Recommendations) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.9	984

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73	Crown-linked dipyridylamino-triazine ligands and their spin-crossover iron(ii) derivatives: magnetism, photomagnetism and cooperativity. <i>Dalton Transactions</i> , 2013, 42, 16494.	1.6	27
74	Physical Properties and Structural Characterization of Ionic Liquids and Solid Electrolytes Utilizing the Carbamoylcyano(nitroso)methanide Anion. <i>ChemPlusChem</i> , 2013, 78, 468-468.	1.3	0
75	Coordination polymers of a dipyridylazacrown ligand: structural, thermal and spectroscopic properties. <i>CrystEngComm</i> , 2013, 15, 9655.	1.3	6
76	Do perfluoroarene π -arene and C \cdots H \cdots F interactions make a difference to the structures of 4,2,6,4-terpyridine-based coordination polymers?. <i>CrystEngComm</i> , 2013, 15, 10068.	1.3	25
77	Structure and magnetism of a mixed-valence octanuclear manganese(II / III) cluster derived from carbamoylcyanonitrosomethanide (ccnm). <i>Dalton Transactions</i> , 2013, 42, 1400-1405.	1.6	8
78	Single molecule magnetism in a family of mononuclear f^2 -diketonate lanthanide(III) complexes: rationalization of magnetic anisotropy in complexes of low symmetry. <i>Chemical Science</i> , 2013, 4, 1719.	3.7	204
79	Trinuclear and tetranuclear manganese clusters derived from cyano(imino(methoxy)methyl)nitrosomethanide (cmnm). <i>Polyhedron</i> , 2013, 52, 797-803.	1.0	12
80	Spin Crossover in a 3,5-Bis(2-pyridyl)-1,2,4-triazolate-Bridged Dinuclear Iron(II) Complex $[\{\text{Fe}(\text{NCBH}_3)_2(\text{py})\}_2(\text{L})] \cdot 2\text{H}_2\text{O}$ Powder versus Single Crystal Study. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 850-864.	1.0	28
81	A simple one-pot, multi-component synthesis of cyano-functionalized bis- f^2 -diketones. <i>Tetrahedron Letters</i> , 2013, 54, 2661-2664.	0.7	5
82	Post-Synthetic Monovalent Central-Metal Exchange, Specific I^+ -Sensing, and Polymerization of a Catalytic $[\text{Cu}^{\text{I}}_5\text{Cu}^{\text{II}}_4\text{L}_6] \cdot 2\text{H}_2\text{O}$. <i>Chemistry - A European Journal</i> , 2013, 19, 6321-6328.	1.7	49
83	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.	1.0	9
84	Physical Properties and Structural Characterization of Ionic Liquids and Solid Electrolytes Utilizing the Carbamoylcyano(nitroso)methanide Anion. <i>ChemPlusChem</i> , 2013, 78, 486-497.	1.3	16
85	Coordination polymers of sulphur-donor ligands. <i>Inorganica Chimica Acta</i> , 2013, 403, 9-24.	1.2	69
86	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.	1.4	23
87	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.	1.4	35
88	Solvent-induced reversible single-crystal-to-single-crystal transformations observed in lanthanide complexes. <i>Dalton Transactions</i> , 2013, 42, 8545.	1.6	17
89	Syntheses of Pentanuclear Group 6 Iridium Clusters by Core Expansion of Tetranuclear Clusters with $\text{Ir}(\text{CO})_2(\text{I}^5\text{-C}_5\text{Me}_4\text{R})$ (R = H, Me). <i>Inorganic Chemistry</i> , 2013, 52, 11256-11268.	1.9	9
90	Coordination Polymers of Small Cyano Anions. <i>Chimia</i> , 2013, 67, 379-382.	0.3	6

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91	Iron(II) Mononuclear Materials Containing Functionalised Dipyriddyldamino-Substituted Triazine Ligands: Structure, Magnetism and Spin Crossover. Australian Journal of Chemistry, 2012, 65, 874.	0.5	9
92	Linear Trinuclear Copper(II) Complexes Derived from the Nucleophilic Addition Products of Dicyanonitrosomethanide [C(CN) ₂ (NO)] ²⁻ : Syntheses, Structures, and Magnetic Properties. Australian Journal of Chemistry, 2012, 65, 918.	0.5	10
93	Single molecule magnetism in a μ_4 -phenolato dinuclear lanthanide motif ligated by heptadentate Schiff base ligands. Dalton Transactions, 2012, 41, 13711.	1.6	40
94	Organic Ionic Plastic Crystals and Low Viscosity Ionic Liquids Based on the Dicyano(nitroso)methanide Anion. ChemPlusChem, 2012, 77, 1039-1045.	1.3	14
95	Melting point suppression in new lanthanoid(III) ionic liquids by trapping of kinetic polymorphs: an in situ synchrotron powder diffraction study. Chemical Communications, 2012, 48, 124-126.	2.2	25
96	Ln ₂ Mn ₂ heterobimetallic "butterfly" complexes displaying antiferromagnetic coupling (Ln = Eu, Gd). Dalton Transactions, 2012, 41, 13711.	1.6	35
97	Tetradecanuclear polycarbonatolanthanoid clusters: Diverse coordination modes of carbonate providing access to novel core geometries. Dalton Transactions, 2012, 41, 10903.	1.6	37
98	Phosphodiester Cleavage Properties of Copper(II) Complexes of 1,4,7-Triazacyclononane Ligands Bearing Single Alkyl Guanidine Pendants. Inorganic Chemistry, 2012, 51, 939-953.	1.9	54
99	Structure and Transport Properties of a Plastic Crystal Ion Conductor: Diethyl(methyl)(isobutyl)phosphonium Hexafluorophosphate. Journal of the American Chemical Society, 2012, 134, 9688-9697.	6.6	154
100	Instantaneous gelation of a new copper(II) metallogel amenable to encapsulation of a luminescent lanthanide cluster. Chemical Communications, 2012, 48, 4830.	2.2	41
101	Synthesis, characterisation and adsorption properties of a porous copper(II) 3D coordination polymer exhibiting strong binding enthalpy and adsorption capacity for carbon dioxide. Dalton Transactions, 2012, 41, 13364.	1.6	3
102	A μ_3 3D network of tetranuclear μ_4/μ_3 -carbonato Dy(III) bis-pyrazolylpyridine clusters showing single molecule magnetism features. Chemical Communications, 2012, 48, 2089.	2.2	70
103	Temperature-Dependent Capture of Water Molecules by Saddle-Shaped Hexanuclear Carboxylate Cycloclusters in a (3,18)-Connected Metal-Organic Framework. Chemistry - A European Journal, 2012, 18, 13954-13958.	1.7	32
104	A Family of Discrete Magnetically Switchable Nanoballs. ChemPlusChem, 2012, 77, 616-623.	1.3	14
105	Spin crossover in polymeric and heterometallic species containing polytopic dipyriddyldamino-substituted-triazine ligands. Dalton Transactions, 2012, 41, 2571-2581.	1.6	14
106	In situ ligand formation in the synthesis of an octanuclear dysprosium "double cubane" cluster displaying single molecule magnet features. Dalton Transactions, 2012, 41, 3751.	1.6	31
107	Coordination polymers, metal-organic frameworks and the need for terminology guidelines. CrystEngComm, 2012, 14, 3001.	1.3	464
108	Polyrotaxane metal-organic frameworks (PMOFs). Chemical Communications, 2012, 48, 7899.	2.2	167

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109	Polymorphism and spin crossover in mononuclear Fe ^{II} species containing new dipyridylamino-substituted s-triazine ligands. Dalton Transactions, 2012, 41, 1512-1523.	1.6	32
110	Lanthanoid-Based Ionic Liquids Incorporating the Dicyanonitrosomethanide Anion. Chemistry - A European Journal, 2012, 18, 9580-9589.	1.7	25
111	Multifunctional 3-Fold Interpenetrated Porous Metal-Organic Frameworks Composed of Unprecedented Self-Catenated Networks. Crystal Growth and Design, 2012, 12, 3392-3396.	1.4	46
112	Supramolecular architecture of silver(I) coordination polymers containing polydentate N-donor ligands. CrystEngComm, 2012, 14, 3717.	1.3	46
113	Synthesis and magnetic properties of a series of 3d/4f/3d heterometallic trinuclear complexes incorporating in situ ligand formation. Inorganica Chimica Acta, 2012, 389, 99-106.	1.2	13
114	Synthesis and structural characterisation of a Co(II) coordination polymer incorporating a novel dicarboxy-triazine base/bis-pyrazole mixed ligand system. Inorganica Chimica Acta, 2012, 389, 112-117.	1.2	25
115	An unusual self-penetrated metal-organic framework from mixed ligands: Synthesis, structure and magnetism. Inorganic Chemistry Communication, 2012, 19, 27-30.	1.8	25
116	Supramolecular isomers: the first 3-fold interpenetrating 8-connected hex-c3 net and an unusual 4-fold interpenetrating 65.8 net. CrystEngComm, 2011, 13, 5296.	1.3	28
117	Complexes of a hexa-nitrile dianion with neutral, chelating co-ligands: Self-assembly, structure and magnetism. Dalton Transactions, 2011, 40, 12358.	1.6	5
118	Spin crossover in di-, tri- and tetranuclear, mixed-ligand tris(pyrazolyl)methane iron(ii) complexes. Dalton Transactions, 2011, 40, 6939.	1.6	27
119	Novel ionic liquids and plastic crystals utilizing the cyanate anion. Journal of Materials Chemistry, 2011, 21, 19219.	6.7	28
120	An unusual uninodal 10-connected self-penetrating network built from sixteen-nuclear hybrid cadmium clusters. CrystEngComm, 2011, 13, 4508.	1.3	20
121	Observation of in Situ Ligand Reactions during the Assembly of Crystalline Zn ²⁺ S Clusters. Crystal Growth and Design, 2011, 11, 16-20.	1.4	9
122	Coordination Polymers of Hexacyanotrimethylenecyclopropanediide and Its Monoanionic Radical: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 6673-6684.	1.9	8
123	An Exceptional 54-Fold Interpenetrated Coordination Polymer with 10 ³ -srs Network Topology. Journal of the American Chemical Society, 2011, 133, 11406-11409.	6.6	328
124	Two Unprecedented Three-Dimensional Pb(II) Polymorphs and Structural Diversities Built on a Kinked Flexible Dicarboxylate Building Block. Crystal Growth and Design, 2011, 11, 936-940.	1.4	46
125	The chemistry and complexes of small cyano anions. Chemical Communications, 2011, 47, 10189.	2.2	73
126	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. Dalton Transactions, 2011, 40, 10147.	1.6	27

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127	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.	0.7	1
128	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.	1.0	35
129	Supramolecular aspects of iron(II) crown-dipyridyl spin-crossover compounds. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2058-2067.	9.5	32
130	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.	1.0	43
131	Nucleophilic Addition of Water and Alcohols to Dicyanonitrosomethanide: Ligands with Diverse Bonding Modes in Magnetically Coupled Block Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 59-73.	1.0	32
132	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.	1.0	23
133	Syntheses at Elevated Temperature and Structures of Lanthanoid/Alkaline Earth Heterobimetallic Derivatives of 2-Methyl-8-hydroxyquinoline. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2787-2797.	1.0	19
134	Chains, helices, sheets and unusual 3D nets: Diverse structures of the flexible, ditopic ligand 1,2-bis(3-(4-pyridyl)pyrazolyl)ethane. <i>Polyhedron</i> , 2010, 29, 2-9.	1.0	10
135	1D coordination polymers of Cu(II) and Cu(II) dimers with a dicyanomethanide ligand. <i>Polyhedron</i> , 2010, 29, 333-341.	1.0	2
136	Di- and Triammonium Salts of Carbamoyldicyanomethanide, C(CN) ₂ (CONH ₂) ⁻ : Layered Organic Architectures. <i>Crystal Growth and Design</i> , 2010, 10, 2501-2508.	1.4	8
137	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.	1.4	94
138	Unprecedented 4- and 6-Connected 2D Coordination Networks Based on 44-Subnet Tectons, Showing Unusual Supramolecular Motifs of Rotaxane and Helix. <i>Inorganic Chemistry</i> , 2010, 49, 365-367.	1.9	140
139	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, 16517-16527.	1.2	22
140	Metal-organic framework (MOF): lanthanide(iii)-doped approach for luminescence modulation and luminescent sensing. <i>Dalton Transactions</i> , 2010, 39, 4485.	1.6	163
141	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.	1.3	60
142	Organic-inorganic hybrid coordination polymers based on the 5-oxyacetate isophthalic acid (H ₃ OABDC) ligand: syntheses, structures, magnetic and luminescent properties. <i>CrystEngComm</i> , 2010, 12, 4424.	1.3	19
143	Transformation of a 1D to 3D coordination polymer mediated by low temperature lattice solvent loss. <i>Chemical Communications</i> , 2010, 46, 4899.	2.2	35
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