

Stuart R Batten

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352
papers

24,910
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82
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146
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372
ext. papers

25,742
ext. citations

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avg, IF

7.03
L-index

#	Paper	IF	Citations
352	Interpenetrating Nets: Ordered, Periodic Entanglement. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1460-1494	16.4	3774
351	Structure and magnetism of coordination polymers containing dicyanamide and tricyanomethanide. <i>Coordination Chemistry Reviews</i> , 2003 , 246, 103-130	23.2	942
350	Terminology of metal-organic frameworks and coordination polymers (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013 , 85, 1715-1724	2.1	743
349	Topology of interpenetration. <i>CrystEngComm</i> , 2001 , 3, 67	3.3	639
348	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
347	Coordination polymers, metal-organic frameworks and the need for terminology guidelines. <i>CrystEngComm</i> , 2012 , 14, 3001	3.3	392
346	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
345	Structure and molecular magnetism of the rutile-related compounds $M(dca)_2$, $M = Co, Ni, Cu$, $dca = dicyanamide$, <i>Chemical Communications</i> , 1998 , 439-440	5.8	278
344	Temperature-dependent synthesis of metal-organic frameworks based on a flexible tetradentate ligand with bidirectional coordination donors. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4520-1	16.4	237
343	Ni(tpt)(NO ₃) ₂ - A Three-Dimensional Network with the Exceptional (12,3) Topology: A Self-Entangled Single Net. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1475-1477	16.4	229
342	Molecular tectonics of metal-organic frameworks (MOFs): a rational design strategy for unusual mixed-connected network topologies. <i>Chemistry - A European Journal</i> , 2007 , 13, 2578-86	4.8	223
341	A new self-penetrating uniform net, (8,4) (or 8(6)), containing planar four-coordinate nodes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 16170-1	16.4	223
340	Organic-acid effect on the structures of a series of lead(II) complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 6542-55	3.5	222
339	Coligand Modulated Six-, Eight-, and Ten-Connected Zn/Cd-1,2,4-Triazolate Frameworks Based on Mono-, Bi-, Tri-, Penta-, and Heptanuclear Cluster Units. <i>Crystal Growth and Design</i> , 2007 , 7, 2332-2342	3.5	219
338	Two Interpenetrating 3D Networks Which Generate Spacious Sealed-Off Compartments Enclosing of the Order of 20 Solvent Molecules in the Structures of $Zn(CN)(NO_3)(tpt)_2/3 \cdot n \cdot solv$ ($tpt = 2,4,6$ -tri(4-pyridyl)-1,3,5-triazine, $solv = .apprx.3/4 C_2H_2Cl_4$ or $3/4 C_2H_5OH$) <i>Journal of the American Chemical Society</i> , 1997 , 119, 5285-5286	16.4	214
337	Self-assembly of a series of cobalt(II) coordination polymers constructed from H ₂ tbbip and dipyridyl-based ligands. <i>Inorganic Chemistry</i> , 2009 , 48, 915-24	5.1	209
336	Multidimensional Metal-Organic Frameworks Constructed from Flexible Bis(imidazole) Ligands. <i>Crystal Growth and Design</i> , 2005 , 5, 1775-1780	3.5	209

335	An unprecedented eight-connected self-penetrating network based on pentanuclear zinc cluster building blocks. <i>Chemical Communications</i> , 2005 , 4789-91	5.8	203
334	Structural Variation from 1D to 3D: Effects of Temperature and pH Value on the Construction of Co(II)-H ₂ tbp/bpp Mixed Ligands System. <i>Crystal Growth and Design</i> , 2009 , 9, 1741-1749	3.5	193
333	Interdigitation, interpenetration and intercalation in layered cuprous tricyanomethanide derivatives. <i>Chemistry - A European Journal</i> , 2000 , 6, 156-61	4.8	187
332	Single molecule magnetism in a family of mononuclear μ -diketonate lanthanide(III) complexes: rationalization of magnetic anisotropy in complexes of low symmetry. <i>Chemical Science</i> , 2013 , 4, 1719	9.4	185
331	A Cubic (3,4)-Connected Net with Large Cavities in Solvated [Cu ₃ (tpt) ₄](ClO ₄) ₃ (tpt = 2,4,6-Tri(4-pyridyl)-1,3,5-triazine). <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1690-1692		183
330	Coordination polymers. <i>Current Opinion in Solid State and Materials Science</i> , 2001 , 5, 107-114	12	182
329	Unusual parallel and inclined interlocking modes in polyrotaxane-like metal-organic frameworks. <i>Chemical Communications</i> , 2008 , 2233-5	5.8	181
328	Cu ²⁺ -mediated dehydrogenative coupling and hydroxylation of an N-heterocyclic ligand: from generation of a new tetratopic ligand to the designed assembly of three-dimensional copper(I) coordination polymers. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5471-5	16.4	179
327	Syntheses, structures and magnetism of μ Mn(dca) ₂ , [Mn(dca) ₂ (H ₂ O) ₂][H ₂ O], [Mn(dca) ₂ (C ₂ H ₅ OH) ₂][CH ₃] ₂ CO, [Fe(dca) ₂ (CH ₃ OH) ₂] and [Mn(dca) ₂ (L) ₂], where L = pyridine, CH ₃ OH or DMF and dca = dicyanamide, N(CN) ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2987-2997		179
326	Polyrotaxane metal-organic frameworks (PMOFs). <i>Chemical Communications</i> , 2012 , 48, 7899-912	5.8	163
325	Four-, and six-connected entangled frameworks based on flexible bis(imidazole) ligands and long dicarboxylate anions. <i>CrystEngComm</i> , 2009 , 11, 151-159	3.3	162
324	Structure and Magnetism of a Bimetallic Pentanuclear Cluster [(Ni(bpm) ₂) ₃ (Fe(CN) ₆) ₂] \cdot 7H ₂ O (bpm = Bis(1-pyrazolyl)methane)). The Role of the Hydrogen-Bonded 7H ₂ O Cluster in Long-Range Magnetic Ordering. <i>Inorganic Chemistry</i> , 1997 , 36, 5006-5015	5.1	154
323	A nanoscale molecular switch triggered by thermal, light, and guest perturbation. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 2549-52	16.4	153
322	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
321	Self-penetration--a structural compromise between single networks and interpenetration: magnetic properties and crystal structures of. <i>Chemistry - A European Journal</i> , 2000 , 6, 3186-95	4.8	150
320	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
319	Direction of topological isomers of silver(I) coordination polymers induced by solvent, and selective anion-exchange of a class of P _{TS} -type host frameworks. <i>Chemical Communications</i> , 2005 , 4836-8	5.8	148
318	First Cu(II) diamondoid net with 2-fold interpenetrating frameworks. The role of anions in the construction of the supramolecular arrays. <i>Inorganic Chemistry</i> , 2002 , 41, 4904-8	5.1	147

317	Systematic metal variation and solvent and hydrogen-gas storage in supramolecular nanoballs. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8919-22	16.4	144
316	A Series of Lead(II) Complexes with π -Stackings: Structural Diversities by Varying the Ligands. <i>Crystal Growth and Design</i> , 2009 , 9, 1894-1911	3.5	143
315	Crystal Engineering of Novel Materials Composed of Infinite Two- and Three-Dimensional Frameworks. <i>ACS Symposium Series</i> , 1992 , 256-273	0.4	143
314	The effect of anion fluorination in ionic liquids on physical properties of a range of bis(methanesulfonyl)amide salts. <i>New Journal of Chemistry</i> , 2003 , 27, 1504-1510	3.6	142
313	Synthesis, structure and magnetism of new single molecule magnets composed of MnII2MnIII2 alkoxo-carboxylate bridged clusters capped by triethanolamine ligands. <i>Dalton Transactions</i> , 2004 , 1003-413	4.3	138
312	In situ tetrazole ligand synthesis leading to a microporous cadmium-organic framework for selective ion sensing. <i>Chemical Communications</i> , 2009 , 5415-7	5.8	136
311	Syntheses and structures of metal tetrazole coordination polymers. <i>Dalton Transactions</i> , 2006 , 3170-8	4.3	135
310	Five New Cobalt(II) and Copper(II)-1,2,4,5-benzenetetracarboxylate Supramolecular Architectures: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2006 , 6, 2355-2368	3.5	134
309	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
308	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
307	Copper(I) dicyanamide coordination polymers: ladders, sheets, layers, diamond-like networks and unusual interpenetration. <i>Dalton Transactions RSC</i> , 2000 , 3829-3836		130
306	Syntheses and Crystal Structures of a Series of Novel Helical Coordination Polymers Constructed from Flexible Bis(imidazole) Ligands and Metal Salts. <i>Crystal Growth and Design</i> , 2008 , 8, 2806-2813	3.5	129
305	Structures of [Ag(tcm)], [Ag(tcm)(phz)1/2] and [Ag(tcm)(pyz)] (tcm=tricyanomethanide, C(CN)3-, phz=phenazine, pyz=pyrazine). <i>New Journal of Chemistry</i> , 1998 , 22, 173-175	3.6	125
304	Synthesis, structure and magnetism of a new manganese carboxylate cluster: [Mn16O16(OMe)6(OAc)16(MeOH)3(H2O)3].6H2O. <i>Chemical Communications</i> , 2002 , 762-3	5.8	122
303	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
302	First metal azide complex with isonicotinate as a bridging ligand showing new net topology: hydrothermal synthesis, structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2006 , 45, 2776-8	5.1	118
301	Studies of the construction of coordination polymers using linear pyridyl-donor ligands. <i>Inorganica Chimica Acta</i> , 1999 , 292, 231-237	2.7	114
300	Anionic porous metal-organic framework with novel 5-connected vbk 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

- 299 Hydrothermal synthesis, structures, and physical properties of four new flexible multicarboxylate ligands-based compounds. *Inorganic Chemistry*, **2008**, 47, 9528-36 5.1 112
- 298 Physical trends and structural features in organic salts of the thiocyanate anion. *Journal of Materials Chemistry*, **2002**, 12, 3475-3480 112
- 297 A well-sian three-dimensional lacemate: eight interpenetrating, enantiomorphic (10,3)-a nets, four right- and four left-handed. *Chemical Communications*, **1996**, 1313-1314 5.8 112
- 296 An alternative to interpenetration whereby nets with large windows may achieve satisfactory space filling. *Chemical Communications*, **2000**, 1095-1096 5.8 111
- 295 Unprecedented (3,4)-connected metal-organic frameworks (MOFs) with 3-fold interpenetration and considerable solvent-accessible void space. *Chemical Communications*, **2007**, 3744-6 5.8 108
- 294 Crystal structures and magnetic properties of the interpenetrating rutile-related compounds $M(\text{tcm})_2$ [M = octahedral, divalent metal; tcm = tricyanomethanide, $\text{C}(\text{CN})_3$] and the sheet structures of $[M(\text{tcm})_2(\text{EtOH})_2]$ ($M = \text{Co}$ or Ni). *Journal of the Chemical Society Dalton Transactions*, **2002**, 2077-2086 108
- 293 Two Unusual Nanocage-Based Ln-MOFs with Triazole Sites: Highly Fluorescent Sensing for Fe and Cr O, and Selective CO Capture. *ChemPlusChem*, **2016**, 81, 1299-1304 2.8 106
- 292 Cation templation of anionic metal dicyanamide networks. *Inorganic Chemistry*, **2001**, 40, 1718-22 5.1 106
- 291 3D Knitting patterns. Two independent, interpenetrating rutile-related infinite frameworks in the structure of $\text{Zn}[\text{C}(\text{CN})_3]_2$. *Journal of the Chemical Society Chemical Communications*, **1991**, 445 105
- 290 $\text{AgC}(\text{CN})_3$ -based coordination polymers. *Inorganic Chemistry*, **2003**, 42, 2654-64 5.1 100
- 289 Synthesis, Structural Isomerism, and Magnetism of the Coordination Polymers $[M(\text{dca})_2\text{pyz}]$, $M = \text{Mn}$, Fe , Co , Ni and Zn , dca = Dicyanamide ($\text{N}(\text{CN})_2$), and pyz = Pyrazine. *Journal of Solid State Chemistry*, **2001**, 159, 352-361 3.3 100
- 288 Structural isomers of $M(\text{dca})_2$ molecule-based magnets. Crystal structure of tetrahedrally coordinated sheet-like $\text{Zn}(\text{dca})_2$ and $\text{Co}/\text{Zn}(\text{dca})_2$, and the octahedrally coordinated rutile-like $\text{Co}(\text{dca})_2$, where dca = dicyanamide, $\text{N}(\text{CN})_2$ and magnetism of $\text{Co}(\text{dca})_2$. *Chemical Communications*, **2000**, 177-178 5.8 100
- 287 A Series of Cu(II) Complexes Based on Different Bis(imidazole) Ligands and Organic Acids: Formation of Water Clusters and Fixation of Atmospheric Carbon Dioxide. *Crystal Growth and Design*, **2008**, 8, 4383-4393 3.5 98
- 286 Glorious uncertainty challenges for network design. *Journal of Solid State Chemistry*, **2005**, 178, 2475-2479 3.3 98
- 285 Expanded ligands: bis(2,2':6',2''-terpyridine carboxylic acid)ruthenium(ii) complexes as metallosupramolecular analogues of dicarboxylic acids. *Dalton Transactions*, **2007**, 4323-32 4.3 97
- 284 Synthesis, structure, and characterization of three series of 3d-4f metal-organic frameworks based on rod-shaped and (6,3)-sheet metal carboxylate substructures. *Chemistry - A European Journal*, **2007**, 13, 4948-55 4.8 96
- 283 Cadmium Metal-Directed Three-Dimensional Coordination Polymers: In Situ Tetrazole Ligand Synthesis, Structures, and Luminescent Properties. *Crystal Growth and Design*, **2010**, 10, 1332-1340 3.5 94
- 282 Novel heterometallic 3d-4f metal-azido complex of mixed ligands with unprecedented structure type: synthesis, structure, and magnetic properties. *Inorganic Chemistry*, **2006**, 45, 6129-31 5.1 94

- 281 Hydrothermal Synthesis, Structures, and Luminescent Properties of Seven d10 Metal-Organic Frameworks Based on 9,9-Dipropylfluorene-2,7-Dicarboxylic Acid (H₂DFDA). *Crystal Growth and Design*, **2009**, 9, 1394-1401 3.5 92
- 280 2,4,6-Tri(4-pyridyl)-1,3,5-triazine as a 3-Connecting Building Block for Infinite Nets. *Angewandte Chemie International Edition in English*, **1995**, 34, 820-822 90
- 279 Reversible shrinkage and expansion of a blue photofluorescent cadmium coordination polymer and in situ tetrazole ligand synthesis. *Chemical Communications*, **2008**, 2239-41 5.8 88
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- 276 Ionic Liquids Based on Imidazolium and Pyrrolidinium Salts of the Tricyanomethanide Anion. *Australian Journal of Chemistry*, **2004**, 57, 121 1.2 86
- 275 Syntheses, crystal structures, and magnetic properties of first row transition metal coordination polymers containing dicyanamide and 4,4'-bipyridine. *Dalton Transactions RSC*, **2002**, 3712-3722 85
- 274 Three-dimensional metal azide coordination polymers with amino carboxylate coligands: synthesis, structure, and magnetic properties. *Inorganic Chemistry*, **2009**, 48, 4674-84 5.1 84
- 273 [CH₃NH₂(CH₂)₂NH₂CH₃][M₂(HCOO)₆] (M = MnII and CoII): weak ferromagnetic metal formate frameworks of unique binodal 6-connected (4(12).6(3))(4(9).6(6)) topology, templated by a diammonium cation. *Inorganic Chemistry*, **2007**, 46, 8439-41 5.1 84
- 272 Synthesis, Structural Isomerism, and Magnetism of Extended Framework Compounds of Type [Cu(dca)₂(pyz)]_n, Where dca=Dicyanamide (N(CN)₂) and pyz=Pyrazine. *Journal of Solid State Chemistry*, **1999**, 145, 387-393 3.3 84
- 271 Templated assembly of a μ₆-CO₃ 2- dodecanuclear lanthanum dibenzoylmethanide hydroxido cluster with concomitant formation of phenylglyoxylate. *Dalton Transactions*, **2007**, 5651-4 4.3 83
- 270 A unique cyanide-bridged three-dimensional (3-D) copper(II)-copper(I) mixed-valence polymer containing 1-D water tapes with cyclic pentamer units. *Inorganic Chemistry*, **2005**, 44, 3371-3 5.1 82
- 269 A Variety of 1D to 3D Metal-Organic Coordination Architectures Assembled with 1,1'-(2,2'-Oxybis(ethane-2,1-diyl))bis(1H-imidazole). *Crystal Growth and Design*, **2008**, 8, 1654-1662 3.5 81
- 268 Two Coordination Polymers Involving Triangular and Linear Trinuclear Co(II) Clusters Created Via In situ Ligand Synthesis. *Crystal Growth and Design*, **2009**, 9, 2036-2038 3.5 75
- 267 Dicarboxylate anion-dependent assembly of Ni(II) coordination polymers with 4,4'-dipyridyl sulfide. *CrystEngComm*, **2009**, 11, 777 3.3 73
- 266 Synthesis, crystal structures and fluorescence properties of two new di- and polynuclear Cd(II) complexes with N₂O donor set of a tridentate Schiff base ligand. *Polyhedron*, **2008**, 27, 1193-1200 2.7 73
- 265 Designing dinuclear iron(II) spin crossover complexes. Structure and magnetism of dinitrile-, dicyanamido-, tricyanomethanide-, bipyrimidine- and tetrazine-bridged compounds. *Dalton Transactions*, **2004**, 3370-5 4.3 72
- 264 Solvolysis of [B(C₆H₅)₄]_n in Methanol To Give the Chiral Coordination Polymer Cd(tcm)[B(OMe)₄] · xMeOH, x = 6. *Angewandte Chemie International Edition in English*, **1997**, 36, 636-637 70

263	Synthesis, structure and fluorescence of two novel manganese(II) and zinc(II)-1,3,5-benzene tricarboxylate coordination polymers: Extended 3D supramolecular architectures stabilised by hydrogen bonding. <i>Inorganica Chimica Acta</i> , 2005 , 358, 3855-3864	2.7	70
262	Anionic metal dicyanamide networks with paramagnetic counter-cations. <i>Chemical Communications</i> , 2000 , 2331-2332	5.8	70
261	Three new heterothiometallic cluster polymers with fascinating topologies. <i>Inorganic Chemistry</i> , 2009 , 48, 5772-8	5.1	69
260	A series of intriguing metal-organic frameworks with 3,3',4,4'- benzophenonetetracarboxylic acid: structural adjustment and pH-dependence. <i>CrystEngComm</i> , 2008 , 10, 1583	3.3	69
259	The chemistry and complexes of small cyano anions. <i>Chemical Communications</i> , 2011 , 47, 10189-210	5.8	66
258	Two 3-D Cluster-Based Frameworks: Highly Eight-Connected Molecular Topology and Magnetism. <i>Crystal Growth and Design</i> , 2009 , 9, 2756-2761	3.5	66
257	From 1-D Coordination Polymers to 3-D Hydrogen-Bonding Networks: Crystal Engineering and Magnetism of Cu(II)-dicyanopyridine Supramolecular Systems (dca = Dicyanamide, N(CN) ₂ -) <i>Crystal Growth and Design</i> , 2005 , 5, 901-909	3.5	66
256	Conductivity, NMR and crystallographic study of N,N,N,N-tetramethylammonium dicyanamide plastic crystal phases: an archetypal ambient temperature plastic electrolyte material. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 2692	3.6	66
255	Self-assembly of a heterometallic molecular triangle using an ambidentate ligand and self-selection for a single linkage isomer. <i>Dalton Transactions</i> , 2007 , 1869-71	4.3	65
254	Three Unprecedented Entangled Metal-Organic Frameworks: Self-Penetration and Hydrothermal in Situ Ligand Formation. <i>Crystal Growth and Design</i> , 2009 , 9, 2995-2998	3.5	64
253	Unusual parallel entanglement of metal-organic 2D frameworks with coexistence of polyrotaxane, polycatenane and interdigitation. <i>CrystEngComm</i> , 2009 , 11, 1030	3.3	64
252	New Cu(II) complexes with polydentate chelating Schiff base ligands: Synthesis, structures, characterisations and biochemical activity studies. <i>Structural Chemistry</i> , 2007 , 18, 33-41	1.8	64
251	A 3D network of tetranuclear μ_3 -carbonato Dy(III) bis-pyrazolylpyridine clusters showing single molecule magnetism features. <i>Chemical Communications</i> , 2012 , 48, 2089-91	5.8	63
250	Structure and magnetism of anionic dicyanamidometallate extended networks of types (Ph ₄ As)[M(III)(dca) ₃] and (Ph ₄ As) ₂ [M ₂ II(dca) ₆ (H ₂ O)]·H ₂ O·xCH ₃ OH, where dca=N(CN) ₂ ⁻ and MII=Co, Ni. <i>Polyhedron</i> , 2001 , 20, 1129-1138	2.7	63
249	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
248	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
247	Syntheses, crystal structures, and gas storage studies in new three-dimensional 5-aminoisophthalate praseodymium polymeric complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 3976-81	5.1	62
246	Synthesis, characterisation and crystal structures of a few coordination complexes of nickel(II), cobalt(III) and zinc(II) with N ⁻ -(2-pyridyl)methylensalicyloylhydrazone Schiff base. <i>Inorganica Chimica Acta</i> , 2007 , 360, 2471-2484	2.7	60

245	A simple synthesis and a structural survey of homoleptic rare earth(III) 2,6-diphenylphenolates. <i>Dalton Transactions RSC</i> , 2000 , 961-966		60
244	A Luminescent Zinc(II) Metal-Organic Framework for Selective Detection of Nitroaromatics, Fe and CrO : A Versatile Threefold Fluorescent Sensor. <i>ChemPlusChem</i> , 2016 , 81, 885-892	2.8	59
243	The encapsulation of ferrocyanide by copper(II) complexes of tripodal tetradentate ligands. Novel H-bonding networks incorporating heptanuclear and pentanuclear heterometallic assemblies. <i>Inorganic Chemistry</i> , 2001 , 40, 4696-704	5.1	59
242	Coordination polymers of sulphur-donor ligands. <i>Inorganica Chimica Acta</i> , 2013 , 403, 9-24	2.7	58
241	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
240	Lanthaballs: chiral, structurally layered polycarbonate tridecanuclear lanthanoid clusters. <i>Chemistry - A European Journal</i> , 2009 , 15, 5203-7	4.8	58
239	Topological Diversification in Metal-Organic Frameworks: Secondary Ligand and Metal Effects. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 147-154	2.3	58
238	Octapi interactions: self-assembly of a Pd-based [2]catenane driven by eightfold pi interactions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10372-3	16.4	57
237	New 2D coordination polymers containing both bi- and tri-dentate dicyanamide bridges and intercalated phenazine. <i>Dalton Transactions RSC</i> , 2002 , 819-821		57
236	Coordination behaviour and network formation with 4,4',6,6'-tetracarboxy-2,2'-bipyridine and 4,4'-dicarboxy-2,2'-bipyridine ligands with rare and alkaline earth metals. <i>CrystEngComm</i> , 2008 , 10, 68-78	3.3	52
235	The magnetic and structural elucidation of 3,5-bis(2-pyridyl)-1,2,4-triazolate-bridged dinuclear iron(II) spin crossover compounds. <i>Polyhedron</i> , 2007 , 26, 1764-1772	2.7	52
234	A photoluminescent hexanuclear silver(I) complex exhibiting C ₆ H ₆ Ag close interactions. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 159-163	3.1	52
233	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
232	Heteropolynuclear Metamagnet Showing Spin Canting and Single-Crystal to Single-Crystal Phase Transformation. <i>Chemistry of Materials</i> , 2007 , 19, 2162-2167	9.6	51
231	Synthesis and Rutilelike Structure of [Cd(tcm)(hmt)(H ₂ O)](tcm) (tcm- = Tricyanomethanide, C(CN) ₃ ⁻ ; hmt = Hexamethylenetetramine). <i>Inorganic Chemistry</i> , 1998 , 37, 3432-3434	5.1	51
230	Generation of a 4-crossing [2]-catenane motif by the 2D-2D parallel interpenetration of pairs of (4,4) sheets. <i>CrystEngComm</i> , 2008 , 10, 1123	3.3	50
229	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
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