

# Claire Wilson

## List of Publications by Citations

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#	Paper	IF	Citations
288	Exceptional thermal stability in a supramolecular organic framework: porosity and gas storage. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14457-69	16.4	281
287	A porous framework polymer based on a zinc(II) 4,4'-bipyridine-2,6,2',6'-tetracarboxylate: synthesis, structure, and "zeolite-like" behaviors. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 10745-53	16.4	281
286	Reduction and selective oxo group silylation of the uranyl dication. <i>Nature</i> , <b>2008</b> , 451, 315-7	50.4	241
285	Lanthanum coordination networks based on unusual five-connected topologies. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 3401-2	16.4	222
284	Twelve-connected porous metal-organic frameworks with high H <sub>2</sub> adsorption. <i>Chemical Communications</i> , <b>2007</b> , 840-2	5.8	217
283	Asymmetric lithium(I) and copper(II) alkoxy-N-heterocyclic carbene complexes; crystallographic characterisation and Lewis acid catalysis. <i>Chemical Communications</i> , <b>2004</b> , 1612-3	5.8	202
282	Multi-modal bridging ligands; effects of ligand functionality, anion and crystallisation solvent in silver(I) co-ordination polymers. <i>Dalton Transactions RSC</i> , <b>2000</b> , 3811-3819		178
281	Non-natural eight-connected solid-state materials: a new coordination chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1851-4	16.4	174
280	Anionic amido N-heterocyclic carbenes: synthesis of covalently tethered lanthanide-carbene complexes. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 5981-4	16.4	157
279	Anion control over interpenetration and framework topology in coordination networks based on homoleptic six-connected scandium nodes. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 1384-91	4.8	155
278	Unprecedented Seven- and Eight-Connected Lanthanide Coordination Networks. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 2443-2447	16.4	152
277	Assembly and Processing of Hydrogen Bond Induced Supramolecular Nanostructures. <i>Nano Letters</i> , <b>2003</b> , 3, 9-12	11.5	151
276	Modulation of the electronic structure and the Ni-Fe distance in heterobimetallic models for the active site in [NiFe]hydrogenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 18280-5	11.5	150
275	C <sub>3</sub> -symmetric lanthanide tris(alkoxide) complexes formed by preferential complexation and their stereoselective polymerization of rac-lactide. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6033-6	16.4	146
274	Synthesis of benzimidazoles in high-temperature water. <i>Green Chemistry</i> , <b>2003</b> , 5, 187-192	10	146
273	Chelating alkoxy-N-heterocyclic carbene complexes of silver and copper. <i>Chemical Communications</i> , <b>2001</b> , 2340-1	5.8	142
272	A thermal spin transition in [Co(bpy) <sub>3</sub> ][LiCr(ox) <sub>3</sub> ] (ox = C <sub>2</sub> O <sub>4</sub> <sup>2-</sup> ; bpy = 2,2'-bipyridine). <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 361-8	4.8	130

271	Constructing terbium co-ordination polymers of 4,4'-bipyridine-N,N'-dioxide by means of diffusion solvent mixtures. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 2026-33	4.8	127
270	Selective oxo functionalization of the uranyl ion with 3d metal cations. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 9610-1	16.4	126
269	Tetranuclear Copper(II) and Nickel(II) Cluster Complexes Derived by Self-Assembly from a Series of Tetradentate Diazine Ligands: Structural and Magnetic Studies. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 5266-5276	5.1	126
268	Structural isomerism in CuSCN coordination polymers. <i>Chemical Communications</i> , <b>2002</b> , 1640-1	5.8	123
267	Columnar mesomorphism from hemi-disklike metallomesogens derived from 2,6-bis[3-methyl(alkoxy)phenyliminomethyl]pyridines (L): crystal and molecular structures of [M(L)Cl <sub>2</sub> ] (M=Mn, Ni, Zn). <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 2484-501	4.8	122
266	Novel Metal-Organic Frameworks Derived from Group II Metal Cations and Aryldicarboxylate Anionic Ligands. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 911-922	3.5	117
265	Triggered ligand release coupled to framework rearrangement: generating crystalline porous coordination materials. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 8838-40	5.1	114
264	Bent metal carbene geometries in amido N-heterocyclic carbene complexes. <i>Chemical Communications</i> , <b>2004</b> , 2738-9	5.8	107
263	Pushing the limits of magnetic anisotropy in trigonal bipyramidal Ni(II). <i>Chemical Science</i> , <b>2015</b> , 6, 6823-6828	6.28	104
262	Selective CO <sub>2</sub> uptake and inverse CO <sub>2</sub> /C <sub>2</sub> H <sub>2</sub> selectivity in a dynamic bifunctional metal-organic framework. <i>Chemical Science</i> , <b>2012</b> , 3, 2993	9.4	104
261	Stereoselective association of binuclear metallacycles in coordination polymers. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 6753-61	16.4	102
260	Single-Crystal to Single-Crystal Mechanical Contraction of Metal-Organic Frameworks through Stereoselective Postsynthetic Bromination. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 9527-30	16.4	98
259	A phenoxyl radical complex of copper(II). <i>Chemical Communications</i> , <b>2001</b> , 1824-5	5.8	98
258	Thermally stable potassium N-heterocyclic carbene complexes with alkoxide ligands, and a polymeric crystal structure with distorted, bridging carbenes. <i>Chemical Communications</i> , <b>2005</b> , 1743-5	5.8	94
257	Uranyl complexation by a schiff-base, polypyrrolic macrocycle. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8206-8	5.1	93
256	A phenol-imidazole pro-ligand that can exist as a phenoxyl radical, alone and when complexed to copper(II) and zinc(II). <i>Dalton Transactions</i> , <b>2003</b> , 1975-1985	4.3	93
255	Water superstructures within organic arrays; hydrogen-bonded water sheets, chains and clusters. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 4643-54	4.8	91
254	Insight into D Symmetry: Targeting Strong Axiality in Stable Dysprosium(III) Hexagonal Bipyramidal Single-Ion Magnets. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14146-14151	16.4	88

- 253 Dioxygen reduction at dicobalt complexes of a Schiff base calixpyrrole ligand. *Angewandte Chemie - International Edition*, **2007**, 46, 584-6 16.4 86
- 252 A biporous coordination framework with high H<sub>2</sub> storage density. *Chemical Communications*, **2008**, 359-618 82
- 251 Discrete molecular and extended polymeric copper(I) halide complexes of tetradentate thioether macrocycles. *Dalton Transactions RSC*, **2001**, 456-465 81
- 250 Systematic and controllable negative, zero, and positive thermal expansion in cubic Zr(1-x)Sn(x)Mo<sub>2</sub>O<sub>8</sub>. *Journal of the American Chemical Society*, **2013**, 135, 12849-56 16.4 80
- 249 Using multimodal ligands to influence network topology in silver(I) coordination polymers. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 4905-10 11.5 80
- 248 Control of copper(I) iodide architectures by ligand design: angular versus linear bridging ligands. *Inorganic Chemistry*, **2006**, 45, 6179-87 5.1 79
- 247 Multi-dimensional transition-metal coordination polymers of 4,4'-bipyridine-N,N'-dioxide: 1D chains and 2D sheets. *Inorganic Chemistry*, **2008**, 47, 8652-64 5.1 77
- 246 Unprecedented bilayer topologies in 5- and 6-connected framework polymers. *Chemical Communications*, **2004**, 1792-3 5.8 75
- 245 Self-assembly of metal-organic coordination polymers constructed from a bent dicarboxylate ligand: diversity of coordination modes, structures, and gas adsorption. *Inorganic Chemistry*, **2009**, 48, 11067-78 5.1 74
- 244 Tetravalent cerium carbene complexes. *Chemical Communications*, **2007**, 5037-9 5.8 71
- 243 Multi-Temperature Crystallographic Studies of Mixed-Valence Polynuclear Complexes; Valence Trapping Process in the Trinuclear Oxo-Bridged Iron Compound, [Fe<sub>3</sub>O(O<sub>2</sub>CC(CH<sub>3</sub>)<sub>3</sub>)<sub>6</sub>(C<sub>5</sub>H<sub>5</sub>N)<sub>3</sub>]. *Journal of the American Chemical Society*, **2000**, 122, 11370-11379 16.4 71
- 242 Titanium(III) Alkoxy-N-heterocyclic Carbenes and a Safe, Low-Cost Route to TiCl<sub>3</sub>(THF)<sub>3</sub>. *Organometallics*, **2007**, 26, 755-757 3.8 70
- 241 Cationic assembly of metal complex aggregates: structural diversity, solution stability, and magnetic properties. *Journal of the American Chemical Society*, **2003**, 125, 9476-83 16.4 68
- 240 Using picosecond and nanosecond time-resolved infrared spectroscopy for the investigation of excited states and reaction intermediates of inorganic systems. *Dalton Transactions*, **2003**, 3996 4.3 68
- 239 Rapid two-directional synthesis of the F-J fragment of the gambieric acids by iterative double ring-closing metathesis. *Angewandte Chemie - International Edition*, **2005**, 44, 6157-62 16.4 68
- 238 Self-assembled polymetallic square grids ([2 × 2] M<sub>4</sub>, [3 × 3] M<sub>9</sub>) and trigonal bipyramidal clusters (M<sub>5</sub>) structural and magnetic properties. *Journal of Materials Chemistry*, **2006**, 16, 2645-2659 67
- 237 Macrocyclic diiminodipyrromethane complexes: structural analogues of Pac-Man porphyrins. *Chemical Communications*, **2003**, 2508-9 5.8 67
- 236 Synthesis and small molecule reactivity of uranium(IV) alkoxide complexes with both bound and pendant N-heterocyclic carbene ligands. *Chemistry - A European Journal*, **2005**, 11, 6095-9 4.8 67

235	Synthesis, Structure, and Magnetism of a Series of Self-Assembled Polynuclear Mn(II), Co(II), and Cu(II) Cluster Complexes. <i>Journal of Solid State Chemistry</i> , <b>2001</b> , 159, 308-320	3.3	67
234	Phenoxy radicals: H-bonded and coordinated to Cu(II) and Zn(II). <i>Dalton Transactions</i> , <b>2006</b> , 258-67	4.3	65
233	Kinetic resolution in a bridgehead lithiation mediated by a chiral bis-lithium amide: assignment of the absolute configuration of clusianone. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 4265-7	4.2	63
232	A concise and stereoselective synthesis of the A-ring fragment of the gambieric acids. <i>Organic Letters</i> , <b>2004</b> , 6, 1773-6	6.2	63
231	Synthesis and NHC Lability of d0 Lithium, Yttrium, Titanium, and Zirconium Amido Bis(N-heterocyclic carbene) Complexes. <i>Organometallics</i> , <b>2007</b> , 26, 3684-3689	3.8	62
230	To bend or not to bend are heteroatom interactions within conjugated molecules effective in dictating conformation and planarity?. <i>Materials Horizons</i> , <b>2016</b> , 3, 333-339	14.4	62
229	A concise total synthesis of (+/-)-vigulariol. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 437-40	16.4	61
228	Anabolic steroids detected in bodybuilding dietary supplements - a significant risk to public health. <i>Drug Testing and Analysis</i> , <b>2015</b> , 7, 609-18	3.5	59
227	Functional Versatility of a Series of Zr Metal-Organic Frameworks Probed by Solid-State Photoluminescence Spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 6253-6260	16.4	58
226	Phenolate and phenoxy radical complexes of Co(II) and Co(III). <i>Dalton Transactions</i> , <b>2004</b> , 3647-53	4.3	58
225	Synthesis and structural characterisation of cadmium(II) and zinc(II) coordination polymers with an angular dipyriddy bridging ligand: parallel interpenetration of two-dimensional sheets with 4.82 topology. <i>Dalton Transactions RSC</i> , <b>2001</b> , 567-573		58
224	Ligand recognition processes in the formation of homochiral C <sub>3</sub> -symmetric LnL <sub>3</sub> complexes of a chiral alkoxide. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8241-50	4.8	57
223	Hydrogen-bonding interactions between linear bipyridinium cations and nitrate anions. <i>CrystEngComm</i> , <b>2002</b> , 4, 483-495	3.3	57
222	Stereoselective Halogenation of Integral Unsaturated C-C Bonds in Chemically and Mechanically Robust Zr and Hf MOFs. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4870-7	4.8	57
221	Chemical and in silico tuning of the magnetisation reversal barrier in pentagonal bipyramidal Dy(III) single-ion magnets. <i>Chemical Communications</i> , <b>2018</b> , 54, 8273-8276	5.8	55
220	Design and synthesis of binucleating macrocyclic clefts derived from Schiff-base calixpyrroles. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3707-23	4.8	55
219	Syntheses and structures of dinuclear double-stranded helicates of divalent manganese, iron, cobalt, and zinc. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 636-43	5.1	50
218	Silver alkoxide and amino N-heterocyclic carbenes; syntheses and crystal structures. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 5710-5719	2.3	50

217	Tuning the selectivity/specificity of fluorescent metal ion sensors based on N2S2 pyridine-containing macrocyclic ligands by changing the fluorogenic subunit: spectrofluorimetric and metal ion binding studies. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4548-59	5.1	49
216	Solvent Control of Supramolecular Architectures Derived from 4,4'-Bipyridyl-Bridged Copper(II) Dicolinate Complexes. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 4685-4699	3.5	47
215	Controlled assembly of silver(I)-pyridylfullerene networks. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8013-6	16.4	47
214	A novel synthetic strategy for hexanuclear supramolecular architectures. <i>Chemical Communications</i> , <b>2003</b> , 682-3	5.8	47
213	Molecular and electronic structures of one-electron oxidized Ni(II)-(dithiosalicylidenediamine) complexes: Ni(III)-thiolate versus Ni(II)-thiyl radical states. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2564-2576	4.8	45
212	Redox non-innocence of thioether macrocycles: elucidation of the electronic structures of mononuclear complexes of gold(III) and silver(III). <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 13827-39	16.4	45
211	Copper(II) complexes of a series of alkoxy diazine ligands: mononuclear, dinuclear, and tetranuclear examples with structural, magnetic, and DFT studies. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4278-88	5.1	45
210	Anion influence on co-ordination polymers of Ag(I) with 1,4-dithiacyclohexane. <i>Dalton Transactions RSC</i> , <b>2001</b> , 2530-2538		45
209	Organometallic Cerium Complexes from Tetravalent Coordination Complexes. <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 2291-2303	2	44
208	The one-pot halomethylation of 5-substituted salicylaldehydes as convenient precursors for the preparation of heteroditopic ligands for the binding of metal salts. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 8983-8987	2	44
207	Titanium and zirconium complexes supported by dipyrrolide ligands. <i>Chemical Communications</i> , <b>2002</b> , 2796-7	5.8	44
206	1,2-Bis(3-methyl-imidazolin-2-ylum iodobromoselenanide)ethane: Oxidative Addition of IBr at the Se Atom of a >C=Se Group. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 4229-4232	16.4	43
205	A coordination polymer supramolecular isomer formed from a single building block: an unexpected porphyrin ribbon constructed from zinc(tetra(4-pyridyl)porphyrin). <i>CrystEngComm</i> , <b>2005</b> , 7, 621	3.3	42
204	Titanium(IV) Alkoxy-N-heterocyclic Carbenes: Structural Preferences of Alkoxide and Bromide Adducts. <i>Organometallics</i> , <b>2006</b> , 25, 1861-1867	3.8	42
203	Preparation of cyclic ethers for polyether synthesis by catalytic ring-closing enyne metathesis of alkynyl ethers. <i>Tetrahedron</i> , <b>2002</b> , 58, 1973-1982	2.4	42
202	Furoseamide Cocrystals: Structures, Hydrogen Bonding, and Implications for Properties. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 783-791	3.5	41
201	Coordination chemistry of N-aminopropyl pendant arm derivatives of mixed N/S-, and N/S/O-donor macrocycles, and construction of selective fluorimetric chemosensors for heavy metal ions. <i>Dalton Transactions</i> , <b>2005</b> , 2994-3004	4.3	41
200	Conserved hydrogen-bonded supramolecular synthons in pyridinium tetrachlorometallates. <i>CrystEngComm</i> , <b>2004</b> , 6, 87-95	3.3	41

199	Enhancement of Tb(III) -Cu(II) Single-Molecule Magnet Performance through Structural Modification. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12839-48	4.8	40
198	Structural Diversity in Metal-Organic Frameworks Derived from Binuclear Alkoxo-Bridged Copper(II) Nodes and Pyridyl Linkers. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 964-975	3.5	38
197	The syntheses and structures of Group 1 expanded dipyrrolides: the formation of a 12-rung amidolithium circular ladder. <i>Chemical Communications</i> , <b>2003</b> , 1682	5.8	38
196	In situ synthesis of 5-substituted-tetrazoles and metallocsupramolecular co-ordination polymers. <i>CrystEngComm</i> , <b>2009</b> , 11, 67-81	3.3	37
195	The synthesis and electronic structure of a novel [Ni <sub>4</sub> Fe <sub>2</sub> (CO) <sub>6</sub> ] radical cluster: implications for the active site of the [NiFe] hydrogenases. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 3384-96	4.8	37
194	Revisiting the Maitland-Japp reaction. Concise construction of highly functionalised tetrahydropyran-4-ones. <i>Chemical Communications</i> , <b>2005</b> , 1061-3	5.8	37
193	Symmetric and asymmetric samarium alkoxide derivatives of bridging sulfur biphenolate and binaphtholate ligands; synthetic, structural, and catalytic studies. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 647, 205-215	2.3	36
192	Helical templating of polyiodide networks at a binuclear metallo complex. <i>Chemical Communications</i> , <b>2003</b> , 312-3	5.8	36
191	Comparisons between yttrium and titanium N-heterocyclic carbene complexes in the search for early transition metal NHC backbonding interactions. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9042-9	5.1	35
190	The one-pot, multi-component construction of highly substituted tetrahydropyran-4-ones using the Maitland-Japp reaction. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 3551-63	3.9	35
189	Exploring phase-transfer catalysis with molecular dynamics and 3D/4D quantitative structure-selectivity relationships. <i>Journal of Chemical Information and Modeling</i> , <b>2005</b> , 45, 971-81	6.1	35
188	The supercritical fluid antisolvent synthesis of C <sub>60</sub> (C <sub>2</sub> H <sub>x</sub> ) (x=4 or 6); the crystal structures of two materials which were thought unlikely to exist. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 3796-9	16.4	35
187	The role of 1,2,4,5-tetrazine rings in $\pi$ -stacking interactions. <i>CrystEngComm</i> , <b>2003</b> , 5, 82-86	3.3	35
186	Dinuclear and tetranuclear copper(II) complexes with bridging (N,N') diazine ligands: variable magnetic exchange topologies. <i>Dalton Transactions RSC</i> , <b>2000</b> , 69-77		35
185	A design strategy for four-connected coordination frameworks. <i>Chemical Communications</i> , <b>2004</b> , 642-3	5.8	34
184	Boosting axiality in stable high-coordinate Dy(III) single-molecule magnets. <i>Chemical Communications</i> , <b>2019</b> , 55, 5950-5953	5.8	33
183	Metal-directed ring-expansion in Schiff-base polypyrrolic macrocycles. <i>Chemical Communications</i> , <b>2005</b> , 4423-5	5.8	33
182	Formation of [(L)Ni( $\mu$ -2-S) <sub>x</sub> {Fe(CO) <sub>3</sub> } <sub>x</sub> ] adducts (x = 1 or 2): analogues of the active site of [NiFe] hydrogenase. <i>Chemical Communications</i> , <b>2006</b> , 317-9	5.8	32

181	Improved synthetic methods to mixed-donor thiacyclic ethers. <i>Polyhedron</i> , <b>2006</b> , 25, 599-612	2.7	32
180	Supramolecular metal helicate structures with incomplete metal ion coordination. <i>Dalton Transactions RSC</i> , <b>2001</b> , 2258-2262		32
179	Kinetic Control of Interpenetration in Fe-Biphenyl-4,4'-dicarboxylate Metal-Organic Frameworks by Coordination and Oxidation Modulation. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 8346-8357	16.4	31
178	Synthesis of a carbasugar analogue of a putative intermediate in the UDP-galp-mutase catalyzed isomerization. <i>Organic Letters</i> , <b>2005</b> , 7, 4891-4	6.2	31
177	Anionic Amido N-Heterocyclic Carbenes: Synthesis of Covalently Tethered Lanthanide-Carbene Complexes. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 6163-6166	3.6	31
176	Structure and electronic properties of an asymmetric thiolate-bridged binuclear complex: a model for the active site of acetyl CoA synthase. <i>Chemical Communications</i> , <b>2003</b> , 3012-3	5.8	31
175	Inorganic-organic interpenetrating frameworks: 4,4'-bipyridine N,N'-dioxide as a bridging hydrogen-bond acceptor. <i>Chemical Communications</i> , <b>2001</b> , 2258-9	5.8	31
174	Nitrile functionalised pendant-arm derivatives of aza- and mixed donor macrocyclic ligands as new building blocks for inorganic crystal engineering. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1662-1670		30
173	Multitemperature Resonance-Diffraction and Structural Study of the Mixed-Valence Complex [Fe(3)O(OOCC(CH(3))(3))(6)(C(5)H(5)N)(3)]. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 6078-6083	5.1	30
172	Controlling interpenetration through linker conformation in the modulated synthesis of Sc metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 1181-1187	13	30
171	Crystallographic, electrochemical, and electronic structure studies of the mononuclear complexes of Au(I)/(II)/(III) with [9]aneS <sub>2</sub> O ([9]aneS <sub>2</sub> O = 1-oxa-4,7-dithiacyclononane). <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9919-29	5.1	29
170	Aryl Ferrophites [A New Class of Ligands for Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 2549-2557	3.2	29
169	Extended one- and two-dimensional copper(II) complexes with bridging (N,N') diazine ligands: structural and magnetic studies. <i>Dalton Transactions RSC</i> , <b>2000</b> , 1751-1757		29
168	Supramolecular interactions in 4,4'-Bipyridine cobalt(II) nitrate networks. <i>Journal of Supramolecular Chemistry</i> , <b>2002</b> , 2, 163-174		28
167	Synthetic Considerations in the Self-Assembly of Coordination Polymers of Pyridine-Functionalized Hybrid Mn-Anderson Polyoxometalates. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 4739-4748	3.5	27
166	Anion selectivity in zwitterionic amide-functionalised metal salt extractants. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 6091-107	4.8	27
165	Anion effects in selective bifunctional metal salt extractants based on aza-thioether macrocycles: co-operative cation-anion binding?. <i>Dalton Transactions</i> , <b>2003</b> , 1941-1951	4.3	27
164	Postsynthetic bromination of UiO-66 analogues: altering linker flexibility and mechanical compliance. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4132-5	4.3	26



163	A unique case of oxidative addition of interhalogens IX (X=Cl, Br) to organodiselenone ligands: nature of the chemical bonding in asymmetric I-Se-X polarised hypervalent systems. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 11497-514	4.8	26
162	Tautomerisation and hydrogen-bonding interactions in four-coordinate metal halide and azide complexes of N-donor-extended dipyrromethanes. <i>Dalton Transactions</i> , <b>2010</b> , 418-25	4.3	26
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151	Systematic experimental charge density analysis of anion receptor complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 10943-58	3.6	23
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