

# Euan K. Brechin

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6876583/euan-k-brechin-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

361  
papers

16,983  
citations

69  
h-index

115  
g-index

398  
ext. papers

17,707  
ext. citations

5.9  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
361	Synthesis of 3d Metallic Single-Molecule Magnets <sup>1-67</sup>		807
360	A record anisotropy barrier for a single-molecule magnet. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2754-5	16.4	648
359	Recipes for enhanced molecular cooling. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4672-6	4.3	386
358	Toward a magnetostructural correlation for a family of Mn <sub>6</sub> SMMs. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 12505-11	16.4	329
357	Using tripodal alcohols to build high-spin molecules and single-molecule magnets. <i>Chemical Communications</i> , <b>2005</b> , 5141-53	5.8	273
356	Cryogenic magnetocaloric effect in a ferromagnetic molecular dimer. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 6606-9	16.4	263
355	[Mn(III) <sub>4</sub> Ln(III) <sub>4</sub> ] calix[4]arene clusters as enhanced magnetic coolers and molecular magnets. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12983-90	16.4	263
354	The search for 3d-4f single-molecule magnets: synthesis, structure and magnetic properties of a [Mn(III) <sub>2</sub> Dy(III) <sub>2</sub> ] cluster. <i>Chemical Communications</i> , <b>2005</b> , 2086-8	5.8	247
353	Polyoxometalate-mediated self-assembly of single-molecule magnets: {[XW <sub>9</sub> O <sub>34</sub> ] <sub>2</sub> [Mn(III) <sub>4</sub> Mn(II) <sub>2</sub> O <sub>4</sub> (H <sub>2</sub> O) <sub>4</sub> ]} <sub>12</sub> -. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5609-12	16.4	246
352	Slow magnetic relaxation in a Co(II)-Y(III) single-ion magnet with positive axial zero-field splitting. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 9130-4	16.4	242
351	A dense metal-organic framework for enhanced magnetic refrigeration. <i>Advanced Materials</i> , <b>2013</b> , 25, 4653-6	24	226
350	A calix[4]arene 3d/4f magnetic cooler. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9928-31	16.4	220
349	Single-molecule magnets: a new family of Mn(12) clusters of formula [Mn(12)O(8)X(4)(O(2)CPh)(8)L(6)]. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 3725-36	16.4	220
348	Single-molecule magnets: a new class of tetranuclear manganese magnets. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3615-23	5.1	219
347	Mixed-valent Mn supertetrahedra and planar discs as enhanced magnetic coolers. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11129-39	16.4	206
346	Molecular coolers: The case for [CuII <sub>5</sub> GdIII <sub>4</sub> ]. <i>Chemical Science</i> , <b>2011</b> , 2, 1166	9.4	190
345	A single-molecule magnet with a "twist". <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 8-9	16.4	184

344	Quantum tunneling of magnetization in a new [Mn <sub>18</sub> ] <sup>2+</sup> single-molecule magnet with s = 13. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 9710-1	16.4	171
343	The importance of being exchanged: [Gd(III) <sub>4</sub> M(II) <sub>8</sub> (OH) <sub>8</sub> (L) <sub>8</sub> (O <sub>2</sub> CR) <sub>8</sub> ] <sup>4+</sup> clusters for magnetic refrigeration. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4633-6	16.4	169
342	Ground state spin-switching via targeted structural distortion: twisted single-molecule magnets from derivatised salicylaldoximes. <i>Dalton Transactions</i> , <b>2008</b> , 1809-17	4.3	166
341	Direct observation of quantum coherence in single-molecule magnets. <i>Physical Review Letters</i> , <b>2008</b> , 101, 147203	7.4	164
340	A ferromagnetic mixed-valent Mn supertetrahedron: towards low-temperature magnetic refrigeration with molecular clusters. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4456-60	16.4	164
339	A family of manganese rods: syntheses, structures, and magnetic properties. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15445-57	16.4	159
338	Spin-enhanced magnetocaloric effect in molecular nanomagnets. <i>Applied Physics Letters</i> , <b>2005</b> , 87, 072504	9.4	157
337	Spin switching via targeted structural distortion. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 6547-61	16.4	140
336	Attempting to understand (and control) the relationship between structure and magnetism in an extended family of Mn(6) single-molecule magnets. <i>Dalton Transactions</i> , <b>2009</b> , 3403-12	4.3	139
335	An Ni <sub>4</sub> Single-Molecule Magnet: Synthesis, Structure and Low-Temperature Magnetic Behavior. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 2219-2222	2.3	139
334	Synthesis, structure, and magnetic properties of a [Mn <sub>22</sub> ] wheel-like single-molecule magnet. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4203-9	5.1	139
333	Net toroidal magnetic moment in the ground state of a {Dy <sub>6</sub> }-triethanolamine ring. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 18554-7	16.4	138
332	1,2,3-triazolate-bridged tetradecametallic transition metal clusters [M <sub>14</sub> (L) <sub>6</sub> O <sub>6</sub> (OMe) <sub>18</sub> X <sub>6</sub> ] (M=Fe <sup>III</sup> , Cr <sup>III</sup> and VIII/IV) and related compounds: ground-state spins ranging from S=0 to S=25 and spin-enhanced magnetocaloric effect. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 4968-78	5.1	138
331	Polymetallic Cobalt and Manganese Cages with Phosphinate and Phosphonate Ligands. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 2700-2703	16.4	137
330	Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metal-organic frameworks. <i>Chemical Communications</i> , <b>2012</b> , 48, 7592-4	5.8	133
329	A new class of single-molecule magnets: mixed-valent [Mn <sub>4</sub> (O <sub>2</sub> CMe) <sub>2</sub> (Hpdm) <sub>6</sub> ][ClO <sub>4</sub> ] <sub>2</sub> with an S = 8 ground state. <i>Chemical Communications</i> , <b>1999</b> , 783-784	5.8	131
328	Large spin differences in structurally related Fe <sub>6</sub> molecular clusters and their magnetostructural explanation. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 5505-21	5.1	130
327	Family of carboxylate- and nitrate-diphenoxo triply bridged dinuclear Ni(II)Ln(III) complexes (Ln = Eu, Gd, Tb, Ho, Er, Y): synthesis, experimental and theoretical magneto-structural studies, and single-molecule magnet behavior. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5857-68	5.1	126

326	Strategy for the rational design of asymmetric triply bridged dinuclear 3d-4f single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7268-73	5.1	120
325	Solvothermal synthesis of a tetradecametallic FeIII cluster. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 3781-4	16.4	119
324	Magnetic quantum tunneling: insights from simple molecule-based magnets. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4693-707	4.3	116
323	Selective metal cation capture by soft anionic metal-organic frameworks via drastic single-crystal-to-single-crystal transformations. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 9581-4	16.4	113
322	New routes to polymetallic clusters: fluoride-based tri-, deca-, and hexaicosametallic MnIII clusters and their magnetic properties. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 5180-94	4.8	109
321	Dilution-triggered SMM behavior under zero field in a luminescent Zn <sub>2</sub> Dy <sub>2</sub> tetranuclear complex incorporating carbonato-bridging ligands derived from atmospheric CO <sub>2</sub> fixation. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 9620-6	5.1	102
320	Calix[4]arene-based single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 8285-8	16.4	101
319	Linking centered manganese triangles into larger clusters: a {Mn <sub>32</sub> } truncated cube. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6540-3	16.4	98
318	A [Mn <sub>32</sub> ] double-decker wheel. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4441-4	16.4	97
317	Octametallic and hexadecametallic ferric wheels. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 4318-21	16.4	97
316	Synthetic and magnetic studies of a dodecanuclear cobalt wheel. <i>Chemical Communications</i> , <b>2002</b> , 1860-1	5.8	96
315	Synthesis, structural characterisation and preliminary magnetic studies of a tetraicosanuclear cobalt coordination complex. <i>Chemical Communications</i> , <b>1997</b> , 653-654	5.8	95
314	Microwave-assisted synthesis of a hexanuclear Mn(III) single-molecule magnet. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 5272-4	5.1	95
313	Bifunctional Zn(II)Ln(III) dinuclear complexes combining field induced SMM behavior and luminescence: enhanced NIR lanthanide emission by 9-anthracene carboxylate bridging ligands. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 1465-74	5.1	87
312	Studies of an enneanuclear manganese single-molecule magnet. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5572-80	16.4	85
311	Twisted molecular magnets. <i>Chemical Communications</i> , <b>2012</b> , 48, 181-90	5.8	84
310	Twisting, bending, stretching: strategies for making ferromagnetic [Mn(III) <sub>3</sub> ] triangles. <i>Dalton Transactions</i> , <b>2009</b> , 9157-68	4.3	84
309	Closely-related Zn(II) <sub>2</sub> Ln(III) <sub>2</sub> complexes (Ln(III) = Gd, Yb) with either magnetic refrigerant or luminescent single-molecule magnet properties. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3586-94	5.1	83

308	Mn 4 single-molecule magnets with a planar diamond core and $S = 9$ . <i>Polyhedron</i> , <b>2003</b> , 22, 1857-1863	2.7	83
307	A mixed-valence manganese cubane trapped by inequivalent trilacunary polyoxometalate ligands. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 9154-7	16.4	80
306	Building molecular minerals: all ferric pieces of molecular magnetite. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5772-5	16.4	80
305	A new class of single-molecule magnet: $[\text{Mn}_9\text{O}_7(\text{OAc})_{11}(\text{thme})(\text{py})_3(\text{H}_2\text{O})_2]$ with an $S = 17/2$ ground state. <i>Chemical Communications</i> , <b>2002</b> , 2252-3	5.8	80
304	Synthesis and characterisation of a $\text{Ni}_4$ single-molecule magnet with $S_4$ symmetry. <i>Dalton Transactions</i> , <b>2008</b> , 6409-14	4.3	78
303	Single-molecule magnets: structure and properties of $[\text{Mn}_{18}\text{O}_{14}(\text{O}_2\text{CMe})_{18}(\text{hep})_4(\text{hepH})_2(\text{H}_2\text{O})_2](\text{ClO}_4)_2$ with spin $S = 13$ . <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 502-511	5.1	78
302	Magnetization tunneling in single-molecule magnets. <i>Polyhedron</i> , <b>2001</b> , 20, 1479-1488	2.7	77
301	Enhancing SMM properties in a family of $[\text{Mn}_6]$ clusters. <i>Chemical Communications</i> , <b>2007</b> , 3476-8	5.8	76
300	Resonant Quantum Tunneling in a New Tetranuclear Iron(III)-Based Single-Molecule Magnet. <i>Advanced Materials</i> , <b>2004</b> , 16, 1101-1105	24	76
299	Magnetocaloric effect in spin-degenerated molecular nanomagnets. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	75
298	Synthesis, structure and magnetic properties of a decametallc Ni single-molecule magnet. <i>Chemical Communications</i> , <b>2005</b> , 5038-40	5.8	75
297	1D chains of $\text{Mn}_6$ single-molecule magnets. <i>Chemical Communications</i> , <b>2009</b> , 2023-5	5.8	74
296	Ferromagnetic cobalt metallocycles. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 7038-40	5.1	74
295	What controls the magnetic interaction in bis-alkoxo Mn(III) dimers? A combined experimental and theoretical exploration. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 5906-18	4.8	72
294	High-spin $\text{M}^{2+}$ carboxylate triangles from the microwave. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 7053-5	5.1	70
293	A family of calix[4]arene-supported $[\text{Mn}(\text{III})_2\text{Mn}(\text{II})_2]$ clusters. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7521-30	4.8	69
292	Calix[4]arene-supported $\text{Fe}(\text{III})_2\text{Ln}(\text{III})_2$ clusters. <i>Chemical Communications</i> , <b>2011</b> , 47, 9042-4	5.8	69
291	Theoretical methods enlighten magnetic properties of a family of $\text{Mn}(6)$ single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8012-9	5.1	67

290	Single-Molecule Magnetism, Enhanced Magnetocaloric Effect, and Toroidal Magnetic Moments in a Family of Ln <sub>4</sub> Squares. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 15639-50	4.8	66
289	Magnetism in metal-organic capsules. <i>Chemical Communications</i> , <b>2010</b> , 46, 3484-6	5.8	66
288	Breakdown of the giant spin model in the magnetic relaxation of the Mn <sub>6</sub> nanomagnets. <i>Physical Review Letters</i> , <b>2008</b> , 100, 157203	7.4	66
287	A novel undecametallic iron(III) cluster with an S = (11)/(2) spin ground state. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6601-3	5.1	64
286	Dodecanuclear and octanuclear manganese rods. <i>Chemical Communications</i> , <b>2003</b> , 1276-7	5.8	64
285	Heterometallic complexes containing d- and f-block elements: synthesis and structural characterisation of novel Ni <sub>2</sub> Er and Co <sub>2</sub> Dy compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 1665-1666		63
284	[Mn <sub>6</sub> ] under pressure: a combined crystallographic and magnetic study. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2828-31	16.4	63
283	Antiferromagnetic versus ferromagnetic exchange interactions in bis(EO(oximate))dinickel(II) units for a series of closely related cube shaped carboxamideoximate-bridged Ni(4) complexes. A combined experimental and theoretical magneto-structural study. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 10156-65	5.1	62
282	On the origin of ferromagnetism in oximate-based [Mn <sub>3</sub> O] <sup>7+</sup> triangles. <i>Dalton Transactions</i> , <b>2008</b> , 234-40	4.3	62
281	Enhancing SMM properties via axial distortion of Mn(III) <sub>3</sub> clusters. <i>Chemical Communications</i> , <b>2008</b> , 5924-5	5.8	61
280	New routes to high nuclearity cages: a fluoride-based hexaicosametallic manganese cage. <i>Chemical Communications</i> , <b>2002</b> , 2974-5	5.8	61
279	Calix[4]arene-supported rare earth octahedra. <i>Chemical Communications</i> , <b>2012</b> , 48, 1449-51	5.8	60
278	Ground spin state changes and 3D networks of exchange coupled [Mn <sup>III</sup> ] <sub>3</sub> single-molecule magnets. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9117-21	4.8	60
277	A cube in a tetrahedron: microwave-assisted synthesis of an octametallic Fe(III) cluster. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 5281-3	5.1	60
276	Studies on bifunctional Fe(II)-triazole spin crossover nanoparticles: time-dependent luminescence, surface grafting and the effect of a silica shell and hydrostatic pressure on the magnetic properties. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7819-7829	7.1	59
275	A rare ferromagnetic manganese(III) 'cube'. <i>Chemical Communications</i> , <b>2007</b> , 153-5	5.8	56
274	A family of polynuclear cobalt and nickel complexes stabilised by 2-pyridonate and carboxylate ligands. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 883-96	4.8	56
273	A family of [Mn <sub>6</sub> ] complexes featuring tripodal ligands. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 6782-93	5.1	55

272	Metal-organic calixarene nanotubes. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 4205-8	16.4	54
271	Density functional calculations of a tetradecametallic iron(III) cluster with a very large spin ground state. <i>Chemical Communications</i> , <b>2004</b> , 1476-7	5.8	54
270	Enhancing U(eff) in oxime-bridged [Mn(III) <sub>6</sub> Ln(III) <sub>2</sub> ] hexagonal prisms. <i>Dalton Transactions</i> , <b>2011</b> , 40, 4794-9	4.9	53
269	Calixarene supported enneanuclear Cu(II) clusters. <i>Chemical Communications</i> , <b>2010</b> , 46, 3884-6	5.8	53
268	Pressure-induced Jahn-Teller switching in a Mn <sub>12</sub> nanomagnet. <i>Chemical Communications</i> , <b>2010</b> , 46, 1884-8	4.3	52
267	Turning up the spin, turning on single-molecule magnetism: from S = 1 to S = 7 in a [Mn(8)] cluster via ligand induced structural distortion. <i>Chemical Communications</i> , <b>2007</b> , 2738-40	5.8	52
266	High-spin Mn wheels. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6968-79	5.1	51
265	A flow-system array for the discovery and scale up of inorganic clusters. <i>Nature Chemistry</i> , <b>2012</b> , 4, 1037-43	4.6	50
264	The use of methylsalicyloxime in manganese chemistry: A triangle and its oxidation to a rod. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3932-3940	2.7	50
263	A ferromagnetically coupled diphenoxo-bridged Gd(3+)-Mn <sup>2+</sup> dinuclear complex with a large magneto-caloric effect. <i>Chemical Communications</i> , <b>2013</b> , 49, 3845-7	5.8	48
262	A Mn <sub>14</sub> cubane and a novel Mn <sub>11</sub> O <sub>10</sub> Mn <sub>14</sub> cluster from the use of di-2-pyridyl ketone in manganese acetate chemistry. <i>Dalton Transactions</i> , <b>2009</b> , 307-17	4.3	48
261	Chiral single-molecule magnets: a partial Mn(III) supertetrahedron from achiral components. <i>Chemical Communications</i> , <b>2011</b> , 47, 3090-2	5.8	47
260	Cryogenic Magnetocaloric Effect in a Ferromagnetic Molecular Dimer. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 6736-6739	3.6	47
259	Using pyridine amidoximes in 3d-metal cluster chemistry: a novel ferromagnetic Ni <sub>12</sub> complex from the use of pyridine-2-amidoxime. <i>Dalton Transactions</i> , <b>2008</b> , 3153-5	4.3	47
258	New routes to high nuclearity clusters: fluoride-based octametallic and tridecametallic clusters of manganese. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6971-3	5.1	47
257	New hexanuclear and octanuclear iron(III) oxide clusters: octahedral [Fe <sub>6</sub> O <sub>2</sub> ] <sup>14+</sup> species and core isomerism in [Fe <sub>8</sub> O <sub>4</sub> ] <sup>16+</sup> complexes. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 297, 389-399	2.7	47
256	New polynuclear nickel complexes with a variety of pyridonate and carboxylate ligands. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 1983		47
255	Supertetrahedral decametallic Ni(II) clusters directed by micro(6)-tris-alkoxides. <i>Chemical Communications</i> , <b>2004</b> , 1418-9	5.8	46

- 254 Constructing clusters with enhanced magnetic properties by assembling and distorting Mn<sub>3</sub> building blocks. *Dalton Transactions*, **2009**, 2812-22 4.3 45
- 253 Slow Magnetic Relaxation in a CoII/III Single-Ion Magnet with Positive Axial Zero-Field Splitting. *Angewandte Chemie*, **2013**, 125, 9300-9304 3.6 44
- 252 Polymetallic clusters of iron(III) with derivatised salicylaldehydes. *Dalton Transactions*, **2008**, 2043-53 4.3 44
- 251 Microwave heating [A new synthetic tool for cluster synthesis. *Polyhedron*, **2007**, 26, 1927-1933 2.7 44
- 250 Squaring the cube: a family of octametallic lanthanide complexes including a Dy<sub>8</sub> single-molecule magnet. *Dalton Transactions*, **2013**, 42, 14693-701 4.3 43
- 249 Pressure-driven orbital reorientations and coordination-sphere reconstructions in [CuF<sub>2</sub>(H<sub>2</sub>O)<sub>2</sub>(pyz)]. *Angewandte Chemie - International Edition*, **2012**, 51, 7490-4 16.4 43
- 248 Synthesis, structure and magnetic properties of a trinuclear [Mn(III)Mn(II)<sub>2</sub>] single-molecule magnet. *Chemical Communications*, **2005**, 2083-5 5.8 43
- 247 Wheel-like Mn(II)<sub>6</sub> and Ni(II)<sub>6</sub> complexes from the use of 2-pyridinealdehyde and carboxylates. *Dalton Transactions*, **2010**, 39, 3563-71 4.3 42
- 246 High pressure induced spin changes and magneto-structural correlations in hexametallic SMMs. *Dalton Transactions*, **2009**, 4858-67 4.3 42
- 245 A highly reduced vanadium(III/IV) polyoxovanadate comprising an octavanadyl square-prism surrounding a dimetallic vanadium(III) fragment. *Journal of the American Chemical Society*, **2006**, 128, 9020-1 16.4 42
- 244 Nanoscale Cages of Manganese and Nickel with Rock Salt Cores. *Journal of the American Chemical Society*, **1998**, 120, 7365-7366 16.4 41
- 243 Synthesis, structure, and magnetism of a family of heterometallic {Cu<sub>2</sub>Ln<sub>7</sub>} and {Cu<sub>4</sub>Ln<sub>12</sub>} (Ln = Gd, Tb, and Dy) complexes: the Gd analogues exhibiting a large magnetocaloric effect. *Inorganic Chemistry*, **2014**, 53, 13154-61 5.1 40
- 242 Tuning magnetic properties using targeted structural distortion: New additions to a family of Mn<sub>6</sub> single-molecule magnets. *Inorganica Chimica Acta*, **2008**, 361, 3420-3426 2.7 39
- 241 Four Cubes and An Octahedron: A Nickel-Sodium Supracage Assembly. *Journal of the American Chemical Society*, **1996**, 118, 11293-11294 16.4 38
- 240 CO<sub>2</sub> as a reaction ingredient for the construction of metal cages: a carbonate-pannelled [Gd<sub>6</sub>Cu<sub>3</sub>] tridiminished icosahedron. *Chemical Communications*, **2014**, 50, 3498-500 5.8 37
- 239 Supramolecular Entanglement from Interlocked Molecular Nanomagnets. *Crystal Growth and Design*, **2009**, 9, 24-27 3.5 37
- 238 A centred, elongated "ferric tetrahedron" with an S = 15/2 spin ground state. *Dalton Transactions*, **2004**, 975-6 4.3 37
- 237 Probing the origin of the giant magnetic anisotropy in trigonal bipyramidal Ni(II) under high pressure. *Chemical Science*, **2018**, 9, 1551-1559 9.4 36



236	Rare oxidation-state combinations and unusual structural motifs in hexanuclear Mn complexes using 2-pyridyloximate ligands. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 4388-90	5.1	36
235	A family of double-bowl pseudo metallocalix[6]arene discs. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4809-16	4.3	36
234	Polymerisation of a Cu(II) dimer into 1D chains using high pressure. <i>CrystEngComm</i> , <b>2009</b> , 11, 2601	3.3	36
233	Two new hexanuclear iron(III) complexes with S = 5 ground states. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4005-4010		36
232	A new class of single-molecule magnets: mixed-valent [Mn <sub>12</sub> O <sub>8</sub> Cl <sub>4</sub> (O <sub>2</sub> CPh) <sub>8</sub> (hmp) <sub>6</sub> ]. <i>Chemical Communications</i> , <b>2001</b> , 467-468	5.8	36
231	[Cr(III) <sub>8</sub> M(II) <sub>6</sub> ](12+) Coordination Cubes (M(II)=Cu, Co). <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 6761-4	16.4	35
230	Grafting derivatives of Mn <sub>6</sub> single-molecule magnets with high anisotropy energy barrier on Au <sub>111</sub> surface. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 9729-35	3.4	35
229	Planar [Ni <sub>7</sub> ] discs as double-bowl, pseudo metallocalix[6]arene host cavities. <i>CrystEngComm</i> , <b>2010</b> , 12, 59-63	3.3	34
228	New structural types and different oxidation levels in the family of Mn <sub>6</sub> -oxime single-molecule magnets. <i>Dalton Transactions</i> , <b>2008</b> , 6205-10	4.3	34
227	The use of di-2-pyridyl ketone in manganese(II) benzoate chemistry: Two novel linkage isomers containing the ketone form of the ligand and a neutral cubane containing the ligand in its gem-diolate(-1) form. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 196-202	3.1	34
226	1,10-Phenanthroline-5,6-dione complexes of middle transition elements: Mono- and dinuclear derivatives. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 2375-2384	2.7	34
225	Tunable dipolar magnetism in high-spin molecular clusters. <i>Physical Review Letters</i> , <b>2006</b> , 97, 167202	7.4	34
224	Two frustrated, bitetrahedral single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6215-7	5.1	33
223	Making "wheels" and "cubes" from triangles. <i>Dalton Transactions</i> , <b>2006</b> , 3161-3	4.3	33
222	1,1,1-Tris(hydroxymethyl)propane in manganese carboxylate chemistry: synthesis, structure and magnetic properties of a mixed-valence [Mn <sup>III</sup> <sub>4</sub> Mn <sup>II</sup> <sub>4</sub> ] cluster featuring the novel [Mn <sup>III</sup> <sub>4</sub> Mn <sup>II</sup> <sub>4</sub> (μ <sub>3</sub> -OR) <sub>6</sub> (μ <sub>2</sub> -OR) <sub>8</sub> ] <sup>6+</sup> core. <i>Dalton Transactions</i> , <b>2006</b> , 351-6	4.3	31
221	Desolvating cubes and linking prisms: routes to high-nuclearity cobalt complexes. <i>Chemical Communications</i> , <b>1996</b> , 1439	5.8	31
220	p-tert-Butylcalix[8]arene: an extremely versatile platform for cluster formation. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16014-22	4.8	30
219	Calix[4]arene supported clusters: a dimer of [Mn(III)Mn(II)] dimers. <i>Chemical Communications</i> , <b>2011</b> , 47, 1440-2	5.8	30

- 218 New Mn<sub>12</sub> single-molecule magnets from edge-sharing bioctahedra. *Dalton Transactions*, **2006**, 2285-7 4.3 30
- 217 Manganese (III) fluoride as a new synthon in Mn cluster chemistry. *Polyhedron*, **2005**, 24, 2443-2449 2.7 30
- 216 Calixarene-supported clusters: employment of complementary cluster ligands for the construction of a ferromagnetic [Mn<sub>5</sub>] cage. *Chemical Communications*, **2012**, 48, 11190-2 5.8 29
- 215 A New Polynuclear Coordination Type for (Salicylaldoxime)copper(II) Complexes: Structure and Magnetic Properties of an (Oxime)Cu<sub>6</sub> Cluster. *European Journal of Inorganic Chemistry*, **2009**, 2009, 4613-4617<sup>29</sup> 3.3 29
- 214 Muons as a probe of magnetism in molecule-based low dimensional magnets. *Journal of Physics Condensed Matter*, **2004**, 16, S4563-S4582 1.8 29
- 213 From antiferromagnetic to ferromagnetic exchange in a family of oxime-based Mn(III) dimers: a magneto-structural study. *Dalton Transactions*, **2013**, 42, 16510-7 4.3 28
- 212 Facile interchange of 3d and 4f ions in single-molecule magnets: stepwise assembly of [Mn<sub>4</sub>], [Mn<sub>3</sub>Ln] and [Mn<sub>2</sub>Ln<sub>2</sub>] cages within calix[4]arene scaffolds. *Chemistry - A European Journal*, **2015**, 21, 11212-8 4.8 28
- 211 Two-dimensional frameworks built from Single-Molecule Magnets. *CrystEngComm*, **2012**, 14, 1216 3.3 28
- 210 Bis-tris propane as a new multidentate ligand for nickel- and cobalt-based spin clusters. *Dalton Transactions*, **2011**, 40, 334-6 4.3 28
- 209 A ligand-field study of the ground spin-state magnetic anisotropy in a family of hexanuclear Mn(III) single-molecule magnets. *Dalton Transactions*, **2008**, 2277-84 4.3 28
- 208 Studies of a linear single-molecule magnet. *Dalton Transactions*, **2007**, 5282-9 4.3 28
- 207 Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [Ln(III)(6)Zn(III)(2)] cages. *Dalton Transactions*, **2015**, 44, 10315-20 4.3 27
- 206 Ferromagnetic manganese "cubes": from PSII to single-molecule magnets. *Dalton Transactions*, **2010**, 39, 4777-85 4.3 27
- 205 Ferromagnetic Ni(II) discs. *Chemistry - A European Journal*, **2009**, 15, 12389-98 4.8 27
- 204 Magnetization tunneling in an enneanuclear manganese cage. *Polyhedron*, **2003**, 22, 1771-1775 2.7 27
- 203 Structural studies of heptanuclear cobalt complexes and larger oligomers based on heptanuclear fragments. *Dalton Transactions RSC*, **2000**, 3242-3252 27
- 202 Chiral single-chain magnet: helically stacked [Mn(III)<sub>2</sub>Cu(II)] triangles. *Inorganic Chemistry*, **2014**, 53, 4272-4 26
- 201 Nanoscale control of polyoxometalate assembly: a {Mn<sub>8</sub>W<sub>4</sub>} cluster within a {W<sub>36</sub>Si<sub>4</sub>Mn<sub>10</sub>} cluster showing a new type of isomerism. *Chemistry - A European Journal*, **2013**, 19, 2976-81 4.8 26

200	Clusters from Vertex- and Face-Sharing Adamantane-Like Units: A New Topology for Multinuclear Complexes. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1967-1969		26
199	Fe(III) clusters built with tripodal alcohol ligands. <i>Polyhedron</i> , <b>2006</b> , 25, 325-333	2.7	26
198	Magnetic and theoretical characterization of a ferromagnetic Mn(III) dimer. <i>Polyhedron</i> , <b>2005</b> , 24, 2450-2454	2.7	26
197	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. <i>Nature Communications</i> , <b>2016</b> , 7, 13870	17.4	26
196	A family of cationic oxime-based hexametallic manganese(III) single-molecule magnets. <i>Dalton Transactions</i> , <b>2014</b> , 43, 4408-14	4.3	25
195	New routes to high nuclearity cages: dimerisation of a manganese triangle via solvothermal synthesis. <i>Chemical Communications</i> , <b>2003</b> , 2330-1	5.8	25
194	Progressive decoration of pentanuclear Cu(II) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks. <i>CrystEngComm</i> , <b>2013</b> , 15, 6672	3.3	24
193	Investigating the solid state hosting abilities of homo- and hetero-valent [Co7] metallocalix[6]arenes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 5610-6	4.3	24
192	Pressure-induced switching in a copper(II) citrate dimer. <i>CrystEngComm</i> , <b>2010</b> , 12, 2516	3.3	24
191	Addressing the magnetic properties of sub-monolayers of single-molecule magnets by X-ray magnetic circular dichroism. <i>Nanoscale</i> , <b>2010</b> , 2, 2698-703	7.7	24
190	Ferromagnetic [Mn <sub>3</sub> ] Single-Molecule Magnets and Their Supramolecular Networks. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 1108	1.2	24
189	Metamagnetic behaviour in a new Cu(II)Re(IV) chain based on the hexachlororhenate(IV) anion. <i>Chemical Communications</i> , <b>2014</b> , 50, 5840-2	5.8	23
188	CoII LnIII dinuclear complexes (LnIII = Gd, Tb, Dy, Ho and Er) as platforms for 1,5-dicyanamide-bridged tetranuclear CoII <sub>2</sub> LnIII <sub>2</sub> complexes: A magneto-structural and theoretical study. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 878-888	2.7	23
187	A new family of Mn <sup>II</sup> SMMs using phosphinate ligands. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4826-31	4.3	23
186	Magnetic properties of two new Fe(4) single-molecule magnets in the solid state and in frozen solution. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10178-85	4.8	23
185	Electronic structure of a Mn <sub>6</sub> (S=4) single molecule magnet grafted on Au(111). <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	23
184	Molecular nanoclusters as magnetic refrigerants: The case of Fe <sub>14</sub> with very large spin ground-state. <i>Polyhedron</i> , <b>2005</b> , 24, 2573-2578	2.7	23
183	Structurally Flexible and Solution Stable [LnTM(OH)(L)(OCR)(MeOH)](CLO): A Playground for Magnetic Refrigeration. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10535-10546	5.1	23

- 182 A cationic and ferromagnetic hexametallc Mn(III) single-molecule magnet based on the salicylamidoxime ligand. *Dalton Transactions*, **2013**, 42, 12824-7 4.3 22
- 181 The Importance of Being Exchanged: [GdIII<sub>4</sub>MnII<sub>8</sub>(OH)<sub>8</sub>(L)<sub>8</sub>(O<sub>2</sub>CR)<sub>8</sub>]<sup>4+</sup> Clusters for Magnetic Refrigeration. *Angewandte Chemie*, **2012**, 124, 4711-4714 3.6 22
- 180 Building Fe(III) clusters with derivatised salicylaldoximes. *Dalton Transactions*, **2010**, 39, 2727-34 4.3 22
- 179 Tetrahedra, Super-Tetrahedra, Bipyramids, Boxes and More: Polymetallic Clusters of Benzotriazole. *European Journal of Inorganic Chemistry*, **2006**, 2006, 2725-2733 2.3 22
- 178 Novel octanuclear and enneanuclear manganese clusters with carboxylate and pyrimidine ligands. *Dalton Transactions*, **2003**, 513-514 4.3 22
- 177 Theoretical study of the magnetic behavior of [Fe<sub>8</sub>] and [Fe<sub>16</sub>] wheels. *Inorganic Chemistry*, **2004**, 43, 5410-5 5.1 22
- 176 Effect of Protonated Organic Cations and Anion-Interactions on the Magnetic Behavior of Hexabromorhenate(IV) Salts. *Crystal Growth and Design*, **2015**, 15, 2598-2601 3.5 21
- 175 A [Mn<sub>32</sub>] Double-Decker Wheel. *Angewandte Chemie*, **2011**, 123, 4533-4536 3.6 21
- 174 Assembling molecular triangles into discrete and infinite architectures. *CrystEngComm*, **2010**, 12, 2064 3.3 21
- 173 Influence of antisymmetric exchange interaction on quantum tunneling of magnetization in a dimeric molecular magnet Mn<sub>6</sub>. *Physical Review B*, **2008**, 78, 3.3 21
- 172 Oxacalix[3]arene-supported supertetrahedron. *Chemical Communications*, **2012**, 48, 9263-5 5.8 20
- 171 Inelastic neutron scattering and frequency-domain magnetic resonance studies of S=4 and S=12 Mn<sub>6</sub> single-molecule magnets. *Physical Review B*, **2010**, 81, 3.3 20
- 170 Rare tetranuclear mixed-valent [Mn(II)<sub>2</sub>Mn(IV)<sub>2</sub>] clusters as building blocks for extended networks. *Dalton Transactions*, **2008**, 4917-25 4.3 20
- 169 A high-spin molecular wheel from self-assembled 'Mn rods'. *Dalton Transactions*, **2007**, 532-4 4.3 20
- 168 Cryogenic magnetocaloric effect in the Fe<sub>17</sub> molecular nanomagnet. *Polyhedron*, **2013**, 52, 1177-1180 2.7 19
- 167 Linked supramolecular building blocks for enhanced cluster formation. *Chemistry - A European Journal*, **2015**, 21, 2804-12 4.8 19
- 166 Circular serendipity: in situ ligand transformation for the self-assembly of an hexadecametallic [Cu(II)<sub>16</sub>] wheel. *Chemical Communications*, **2014**, 50, 15002-5 5.8 19
- 165 Combining complementary ligands into one framework for the construction of a ferromagnetically coupled [Mn(III)<sub>12</sub>] wheel. *Chemistry - A European Journal*, **2014**, 20, 3010-3 4.8 19

164	Polymetallic Cobalt and Manganese Cages with Phosphinate and Phosphonate Ligands. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 2772-2775	3.6	19
163	A 1-D coordination polymer based on a Mn <sub>40</sub> octagonal super-structure. <i>Chemical Communications</i> , <b>2013</b> , 49, 1061-3	5.8	18
162	MCD spectroscopy of hexanuclear Mn(III) salicylaldoxime single-molecule magnets. <i>Dalton Transactions</i> , <b>2010</b> , 39, 9904-11	4.3	18
161	A comparative EPR study of high- and low-spin Mn <sub>6</sub> single-molecule magnets. <i>Polyhedron</i> , <b>2009</b> , 28, 1788-1791	4.7	18
160	High pressure studies of hydroxo-bridged Cu(II) dimers. <i>Dalton Transactions</i> , <b>2010</b> , 113-23	4.3	18
159	Overcrowding leads to prism reform: new polyhedra for polymetallic cages. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 3405-3406		18
158	Encouraging Chromium(III) Ions to Form Larger Clusters: Syntheses, Structures, Magnetic Properties and Theoretical Studies of Di- and Octametallic Cr Clusters. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 3382-3392	2.3	18
157	In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , <b>2018</b> , 9, 2119	17.4	18
156	Calixarene-supported rare-earth clusters: heteroatom bridge influences cluster composition. <i>Chemical Communications</i> , <b>2012</b> , 48, 8493-5	5.8	17
155	Hexametallic manganese clusters with bulky derivatised salicylaldoximes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 1693-9	4.3	17
154	Polynuclear manganese amino acid complexes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7943-50	4.3	17
153	A F-bridged Mn(II) molecular square. <i>Chemical Communications</i> , <b>2009</b> , 7024-6	5.8	17
152	Synthesis and characterisation of a mixed-valence Mn <sub>13</sub> complex with S <sub>6</sub> symmetry by using 2-phenoxybenzoate. <i>Dalton Transactions</i> , <b>2007</b> , 728-30	4.3	17
151	Solvothermal Synthesis of a Tetradecametallic Fe <sup>III</sup> Cluster. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 3911-3914	3.6	17
150	Self-Assembly of the Hexabromorhenate(IV) Anion with Protonated Benzotriazoles: X-ray Structure and Magnetic Properties. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5985-5990	3.5	16
149	A truncated [Mn(III)] <sub>4</sub> tetrahedron from oxime-based [Mn(III)] <sub>6</sub> building blocks. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10690-4	4.3	16
148	The effect of crystal packing and Re(IV) ions on the magnetisation relaxation of [Mn <sub>6</sub> ]-based molecular magnets. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 8790-8	4.8	16
147	Heterometallic Oximate-Bridged Linear Trinuclear Ni <sup>II</sup> M <sup>III</sup> Ni <sup>II</sup> (M <sup>III</sup> = Mn, Fe, Tb) Complexes Constructed with the fac-O <sub>3</sub> [Ni(HL) <sub>3</sub> ] Metalloligand (H <sub>2</sub> L = pyrimidine-2-carboxamide oxime): A Theoretical and Experimental Magneto-Structural Study. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 5225-5232	2.3	16

146	Vibrational coherences in manganese single-molecule magnets after ultrafast photoexcitation. <i>Nature Chemistry</i> , <b>2020</b> , 12, 452-458	17.6	15
145	Homo- and heterometallic planes, chains and cubanes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 10315-25	4.3	15
144	Frozen-solution magnetisation dynamics of hexanuclear oxime-based MnIII Single-Molecule Magnets. <i>Chemical Science</i> , <b>2010</b> , 1, 631	9.4	15
143	Complex chemistry of 2,2,6,6-tetramethyl-4-(2,2':6',2'-terpyridin-4'-yloxy)piperidin-1-oxyl, a spin-labelled terpyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 2477-2482		15
142	Copper Keplerates: High-Symmetry Magnetic Molecules. <i>ChemPhysChem</i> , <b>2016</b> , 17, 55-60	3.2	14
141	Assembly of a calix[4]arene-supported MnIIIMnII cluster mediated by halogen interactions. <i>CrystEngComm</i> , <b>2014</b> , 16, 8098-8101	3.3	14
140	Touching the upper limit for ferromagnetic interactions in hetero-bridged dinuclear [Cu2(II)] complexes using a novel N5-dinucleating ligand bearing an endogenous monoatomic amido(R-NH(-))-bridging group. <i>Chemical Communications</i> , <b>2012</b> , 48, 805-7	5.8	14
139	Linear Mn3II and cubane Mn4II carboxylate clusters derived from di-2-pyridyl ketone: Synthesis, characterization and magnetic properties. <i>Polyhedron</i> , <b>2009</b> , 28, 2017-2025	2.7	14
138	High pressure effects on a trimetallic Mn(II/III) SMM. <i>Dalton Transactions</i> , <b>2009</b> , 7390-5	4.3	14
137	Building Molecular Minerals: All Ferric Pieces of Molecular Magnetite. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 5896-5899	3.6	14
136	Linking Centered Manganese Triangles into Larger Clusters: A {Mn32} Truncated Cube. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6698-6701	3.6	14
135	Molecular Nanomagnets. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 376, 301-313	0.5	14
134	Molecular multifunctionality preservation upon surface deposition for a chiral single-molecule magnet. <i>Chemical Science</i> , <b>2019</b> , 10, 3065-3073	9.4	13
133	Switching the orientation of Jahn-Teller axes in oxime-based Mn(III) dimers and its effect upon magnetic exchange: a combined experimental and theoretical study. <i>Dalton Transactions</i> , <b>2015</b> , 44, 19805-11	4.3	13
132	"Converting" an hexametallc MnIII wheel to a dodecametallc MnIII wheel via ligand oximation. <i>Chemical Communications</i> , <b>2014</b> , 50, 3310-2	5.8	13
131	Discovering the pivotal role of carbonate in the formation of a bis-phenolate supported Co15 cluster. <i>Chemical Communications</i> , <b>2014</b> , 50, 2202-4	5.8	13
130	High nuclearity Ni(II) cages from hydroxamate ligands. <i>RSC Advances</i> , <b>2014</b> , 4, 38182-38191	3.7	13
129	A New Family of 3d-4f Bis-Calix[4]arene-Supported Clusters. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14073-14079	4.8	13

128	Complementary ligands direct the formation of a calix[8]arene-supported ferromagnetic Mn(IV)Mn(III) dimer. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6697-700	4.3	13
127	Accidentally on purpose: construction of a ferromagnetic, oxime-based [Mn(III) <sub>2</sub> ] dimer. <i>Dalton Transactions</i> , <b>2011</b> , 40, 9999-10006	4.3	13
126	Hexa- and octanuclear iron(III) salicylaldoxime clusters. <i>Dalton Transactions</i> , <b>2011</b> , 40, 2875-81	4.3	13
125	Transforming the cube: a tetranuclear cobalt(II) cubane cluster and its transformation to a dimer of dimers. <i>CrystEngComm</i> , <b>2009</b> , 11, 2117	3.3	13
124	New derivatives of an enneanuclear Mn SMM. <i>Polyhedron</i> , <b>2007</b> , 26, 1845-1848	2.7	13
123	New high-spin clusters featuring transition metals. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>1999</b> , 357, 3119-3137	3	13
122	Uncapped and polar capped prisms of cobalt and nickel. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 3745		13
121	In search of molecules displaying ferromagnetic exchange: multiple-decker Ni and Ni complexes from the use of pyridine-2-amidoxime. <i>Dalton Transactions</i> , <b>2016</b> , 45, 17409-17419	4.3	13
120	Site-Specific Metal Chelation Facilitates the Unveiling of Hidden Coordination Sites in an Fe/Fe-Seamed Pyrogallol[4]arene Nanocapsule. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 15611-15615	16.4	13
119	[MIII <sub>2</sub> MII <sub>3</sub> ] trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. <i>Chemical Science</i> , <b>2017</b> , 8, 5526-5535	9.4	12
118	An [Fe <sub>7</sub> ] Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16903-16906	16.4	12
117	Synthetic, structural, spectroscopic and theoretical study of a Mn(III)-Cu(II) dimer containing a Jahn-Teller compressed Mn ion. <i>Dalton Transactions</i> , <b>2013</b> , 42, 207-16	4.3	12
116	Enhancement of Intermolecular Magnetic Exchange through Halogen...Halogen Interactions in Bisadeninium Rhenium(IV) Salts. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 5342-5348	3.5	12
115	Relaxation dynamics in a Fe <sub>7</sub> nanomagnet. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	12
114	p-tert-Butylcalix[8]arene: a support for sodium and sodium-manganese clusters that exhibit interesting self-assembly properties. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12265-70	4.3	12
113	Quantum tunnelling of magnetization in the single-molecule magnet Mn <sub>6</sub> . <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 1231	3.6	12
112	Molecular and supramolecular Ni(II) wheels from alpha-benzoin oxime. <i>Dalton Transactions</i> , <b>2009</b> , 3388-903	4.3	12
111	Surface binding vs. sequestration; the uptake of benzohydroxamic acid at iron(III) oxide surfaces. <i>Chemical Communications</i> , <b>2008</b> , 4570-2	5.8	12

- 110 Modular [FeM] (M = Pd, Co, Ni, Cu) Coordination Cages. *Inorganic Chemistry*, **2018**, 57, 3500-3506 5.1 11
- 109 Core expansion of bis-calix[4]arene-supported clusters. *Chemical Communications*, **2016**, 52, 14246-14249.8 11
- 108 Coming full circle: constructing a [Gd] wheel dimer by dimer and the importance of spin topology. *Dalton Transactions*, **2017**, 46, 10255-10263 4.3 11
- 107 A family of hexanuclear Mn(III) single-molecule magnets. *Journal of Coordination Chemistry*, **2014**, 67, 3972-3986 1.6 11
- 106 Three-leaf quantum interference clovers in a trigonal single-molecule magnet. *Physical Review Letters*, **2014**, 113, 087201 7.4 11
- 105 Synthesis, structures and magnetic properties of two novel tetranuclear iron(III) single-molecule magnets: Enhanced energy barriers in solution. *Polyhedron*, **2009**, 28, 1834-1837 2.7 11
- 104 The first amino acid manganese cluster: a [Mn(IV)2Mn(III)3] DL-valine cage. *Dalton Transactions*, **2009**, 9117-9 4.3 11
- 103 Access to new magnetic cores in Fe(III) and Fe(III)/Cu(II) spin clusters. *Dalton Transactions*, **2009**, 9395-7 4.3 11
- 102 Heterobimetallic nickelodium and cobaltodium complexes of pyridonate ligands. *Journal of the Chemical Society Dalton Transactions*, **1998**, 2657-2664 11
- 101 The remarkable influence of N,O-ligands in the assembly of a bis-calix[4]arene-supported [MnMnMn] cluster. *Dalton Transactions*, **2017**, 46, 16807-16811 4.3 10
- 100 [CrIII8MII6]12+ Coordination Cubes (MII=Cu, Co). *Angewandte Chemie*, **2015**, 127, 6865-6868 3.6 10
- 99 Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of  $\epsilon$ -caprolactone. *RSC Advances*, **2015**, 5, 57414-57424 3.7 10
- 98 Linking [M(III)3] triangles with "double-headed" phenolic oximes. *Dalton Transactions*, **2012**, 41, 8777-85.4.3 10
- 97 A Mixed-Valence Manganese Cubane Trapped by Inequivalent Trilacunary Polyoxometalate Ligands. *Angewandte Chemie*, **2011**, 123, 9320-9323 3.6 10
- 96 Naked [Mn3O]7+ Triangles: The Effect of Auxiliary Ligands on Magnetic Exchange. *European Journal of Inorganic Chemistry*, **2010**, 2010, 483-489 2.3 10
- 95 High nuclearity cobaltcopper and nickelcopper co-ordination complexes. *Journal of the Chemical Society Dalton Transactions*, **1997**, 3403-3404 10
- 94 Order in disorder: solution and solid-state studies of [MM] wheels (M = Cr, Al; M = Ni, Zn). *Dalton Transactions*, **2018**, 47, 11834-11842 4.3 9
- 93 Ferromagnetic exchange in a twisted, oxime-bridged [Mn(III)2] dimer. *Dalton Transactions*, **2012**, 41, 8340-3 9



92	Linking [Fe(III) <sub>3</sub> ] triangles with "double-headed" phenolic oximes. <i>Chemical Communications</i> , <b>2011</b> , 47, 6018-20	5.8	9
91	Neutron spectroscopy and magnetic relaxation of the Mn <sub>6</sub> nanomagnets. <i>Polyhedron</i> , <b>2009</b> , 28, 1940-1944	4.7	9
90	From single-molecule magnetism to long-range ferromagnetism in Hpyr[Fe <sub>17</sub> O <sub>16</sub> (OH) <sub>12</sub> (py) <sub>12</sub> Br <sub>4</sub> ]Br <sub>4</sub> . <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	9
89	Synthesis and magnetic properties of heptadecametallc Fe(III) clusters. <i>Polyhedron</i> , <b>2007</b> , 26, 1835-1837	2.7	9
88	Magneto-structural correlations in a family of ReCu chains based on the hexachlororhenate(IV) metalloligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16025-16033	4.3	9
87	A hexameric [MnNa] wheel based on [MnO] sub-units. <i>Chemical Communications</i> , <b>2016</b> , 52, 12829-12832	5.8	9
86	Cages on a plane: a structural matrix for molecular 'sheets'. <i>Dalton Transactions</i> , <b>2018</b> , 47, 15530-15537	4.3	9
85	Oxidation State Distributions Provide Insight into Parameters Directing the Assembly of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13022-13027	16.4	9
84	Self-assembly of the tetrachlorido(oxalato)rhenate(IV) anion with protonated organic cations: X-ray structures and magnetic properties. <i>CrystEngComm</i> , <b>2017</b> , 19, 503-510	3.3	8
83	Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. <i>Dalton Transactions</i> , <b>2017</b> , 46, 7159-7168	4.3	8
82	Investigations into cluster formation with alkyl-tethered bis-calix[4]arenes. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 557-566	1.8	8
81	Oxacalix[4]arene-supported di-, tetra- and undecanuclear copper(II) clusters. <i>Dalton Transactions</i> , <b>2014</b> , 43, 5292-8	4.3	8
80	A bis-phenolate for the construction of linear lanthanide trimers. <i>Chemical Communications</i> , <b>2013</b> , 49, 9552-4	5.8	8
79	The effect of pressure on the crystal structure of [Gd(PhCOO) <sub>3</sub> (DMF)] <sub>n</sub> to 3.7 GPa and the transition to a second phase at 5.0 GPa. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7004-11	4.3	8
78	High spin d <sub>5</sub> complexes of tris(6-hydroxymethyl-2-pyridylmethyl)amine (H3L): hepta-coordinated [Mn(H3L)]Cl <sub>2</sub> and linear trinuclear [Fe <sub>3</sub> L <sub>2</sub> ](ClO <sub>4</sub> ) <sub>3</sub> . <i>Dalton Transactions</i> , <b>2008</b> , 551-8	4.3	8
77	Bis-Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metal-Organic Trigonal Antiprism. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 8791-5	4.8	8
76	Synthetic ability of dinuclear mesocates containing 1,3-bis(diazinecarboxamide)benzene bridging ligands to form complexes of increased nuclearity. Crystal structures, magnetic properties and theoretical studies. <i>Dalton Transactions</i> , <b>2017</b> , 46, 10469-10483	4.3	7
75	Old dog, new tricks: 2,2'-biphenol as a bridging and book-end ligand in discrete and extended Co(II) architectures. <i>CrystEngComm</i> , <b>2012</b> , 14, 2732	3.3	7

- 74 Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation. *Polyhedron*, **2013**, 55, 126-130 2.7 7
- 73 New octa- and dodecametallic mixed-valent Mn rods. *Polyhedron*, **2007**, 26, 1923-1926 2.7 7
- 72 Switching pairwise exchange interactions to enhance SMM properties. *Comptes Rendus Chimie*, **2008**, 11, 1175-1181 2.7 7
- 71 Heisenberg model of an {Fe<sub>8</sub>}-cubane cluster. *Physical Review B*, **2007**, 76, 3.3 7
- 70 [Cr<sup>III</sup>M<sup>II</sup>]<sub>6</sub><sup>n+</sup> (M<sup>II</sup> = Cu, Co) face-centred, metallosupramolecular cubes. *CrystEngComm*, **2016**, 18, 4914-4920 3.9 7
- 69 A simple methodology for constructing ferromagnetically coupled Cr(III) compounds. *Dalton Transactions*, **2018**, 47, 8100-8109 4.3 7
- 68 A [Ce] keplerate. *Dalton Transactions*, **2017**, 46, 7677-7680 4.3 6
- 67 Effect of aromatic spacers on the magnetic properties and slow relaxation of double stranded metallacyclophanes with a Ln<sup>III</sup>M<sup>III</sup>M<sup>III</sup>Ln<sup>III</sup> (Ln<sup>III</sup> = Gd<sup>III</sup>, Dy<sup>III</sup>, Y<sup>III</sup>; M<sup>III</sup> = Ni<sup>III</sup>, Co<sup>III</sup>) linear topology. *Polyhedron*, **2019**, 170, 373-387 2.7 6
- 66 Molecular Pac-Man and Tacos: layered Cu(II) cages from ligands with high binding site concentrations. *Dalton Transactions*, **2015**, 44, 13359-68 4.3 6
- 65 Surface Investigation on Gd<sub>4</sub>M<sub>8</sub> (M = Zn, Ni) Single Molecule Coolers. *Advanced Functional Materials*, **2014**, 24, 4782-4788 15.6 6
- 64 Combining oxime-based [Mn<sub>6</sub>] clusters with cyanometalates: 1D chains of [Mn<sub>6</sub>] SMMs from [M(CN)<sub>2</sub>]<sup>-</sup> (M = Au, Ag). *Dalton Transactions*, **2014**, 43, 4622-5 4.3 6
- 63 Influencing the Orientation of Jahn-Teller Axes in Butterfly-Like Mn<sup>III</sup><sub>4</sub> Clusters. *ChemPlusChem*, **2014**, 79, 667-670 2.8 6
- 62 Importance of Steric Influences in the Construction of Multicomponent Hybrid Polymetallic Clusters. *Inorganic Chemistry*, **2017**, 56, 10044-10053 5.1 6
- 61 Pressure-Driven Orbital Reorientations and Coordination-Sphere Reconstructions in [CuF<sub>2</sub>(H<sub>2</sub>O)<sub>2</sub>(pyz)]. *Angewandte Chemie*, **2012**, 124, 7608-7612 3.6 6
- 60 The marriage of inorganic and organic building blocks for the assembly of rotaxanes. *Angewandte Chemie - International Edition*, **2009**, 48, 6948-9 16.4 6
- 59 Magneto-structural studies of an unusual [MnMnGd(OR)] partial cubane from 2,2'-bis-Bu-calix[4]arene. *Dalton Transactions*, **2020**, 49, 14790-14797 4.3 6
- 58 New members of the [Mn<sub>6</sub>/oxime] family and analogues with converging [Mn<sub>3</sub>] planes. *Journal of Coordination Chemistry*, **2016**, 69, 826-840 1.6 6
- 57 Hexahalorhenate(IV) salts of metal oxazolidine nitroxides. *Dalton Transactions*, **2017**, 46, 5250-5259 4.3 5

56	A high-pressure crystallographic and magnetic study of Na <sub>5</sub> [Mn(l-tart) <sub>2</sub> ] $\cdot$ 2H <sub>2</sub> O (l-tart = l-tartrate). <i>Dalton Transactions</i> , <b>2015</b> , 44, 18324-8	4.3	5
55	Exploratory studies into 3d/4f cluster formation with fully bridge-substituted calix[4]arenes** Dedicated to Professor Jerry L. Atwood on the occasion of his 75th birthdayView all notes. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 504-509	1.8	5
54	A Ferromagnetically Coupled, Bell-Shaped [NiGd] Cage. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11404-11409	5.1	5
53	A family of [Ni <sub>8</sub> ] cages templated by $\beta$ -peroxide from dioxygen activation. <i>Inorganic Chemistry Frontiers</i> , <b>2014</b> , 1, 487-494	6.8	5
52	The relaxation times in tetranuclear manganese complex with S=8. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 284-288, 1225-1226	2.8	5
51	Syntheses, structures and magnetism of homoleptic complexes of 4-(pyrid-4-yloxy)-2,2,6,6-tetramethyl-1-piperidinoxyl, a new spin-labelled pyridine. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 573, 171-179	2.3	5
50	Pressure-and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahn-Teller switching in a Cu-based framework. <i>Chemical Science</i> , <b>2020</b> , 11, 8793-8799	9.4	5
49	Exploiting host-guest chemistry to manipulate magnetic interactions in metallosupramolecular ML tetrahedral cages. <i>Chemical Science</i> , <b>2021</b> , 12, 5134-5142	9.4	5
48	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. <i>Dalton Transactions</i> , <b>2018</b> , 47, 15983-15993	4.3	5
47	Crowding out: ligand modifications and their structure directing effects on brucite-like {M(EOH)} (M = Co(ii), Ni(ii)) core growth within polymetallic cages. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1477-1488	4.3	4
46	Turning a "useless" ligand into a "useful" ligand: a magneto-structural study of an unusual family of Cu(II) wheels derived from functionalised phenolic oximes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10177-87	4.3	4
45	Hexakis(diethylacetamide)iron(II) hexahalorhenate(IV) ionic salts: X-ray structures and magnetic properties. <i>Polyhedron</i> , <b>2015</b> , 98, 35-39	2.7	4
44	Phthalocyanine-polyoxotungstate lanthanide double deckers. <i>Dalton Transactions</i> , <b>2020</b> , 49, 16638-16642	4.3	4
43	Bulking up: Hexanuclear oximate Fe(III) complexes surrounded by sterically demanding co-ligands. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 421, 416-422	2.7	4
42	Magneto-structural correlations in dirhenium(iv) complexes possessing magnetic pathways with even or odd numbers of atoms. <i>Dalton Transactions</i> , <b>2017</b> , 46, 11890-11897	4.3	4
41	High-Pressure Study of Oxo-bridged Mixed-Valent MnIII/MnIV Dimers High-Pressure Study of Oxo-bridged Mixed-Valent MnIII/MnIV Dimers. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2010</b> , 65, 221-230	1	4
40	Inelastic neutron scattering study of undeuterated [Mn <sub>9</sub> O <sub>7</sub> (OAc) <sub>11</sub> (thme)(py) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2005</b> , 24, 2455-2458	2.7	4
39	Frequency domain magnetic resonance spectroscopy on [Mn <sub>12</sub> ] and [Mn <sub>9</sub> ]: Zero-field splittings and lineshape analysis. <i>Polyhedron</i> , <b>2005</b> , 24, 2400-2404	2.7	4

38	Design of pure heterodinuclear lanthanoid cryptate complexes. <i>Chemical Science</i> , <b>2021</b> , 12, 6983-6991	9.4	4
37	A [CrNi] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. <i>Chemical Communications</i> , <b>2018</b> , 54, 6153-6156	5.8	4
36	Mono- and ditopic hydroxamate ligands towards discrete and extended network architectures. <i>Dalton Transactions</i> , <b>2019</b> , 48, 10180-10190	4.3	3
35	With complements of the ligands: an unusual S-shaped [Mn] assembly from tethered calixarenes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 9882-9887	4.3	3
34	A Facile Synthetic Route to a Family of MnIII Monomers and Their Structural, Magnetic and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5123-5131	2.3	3
33	High-field ground-state level crossing and magnetic susceptibility of an {Fe <sub>8</sub> }-cubane cluster. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	3
32	Metallcluster aus ecken- und flächenverknüpften adamantanartigen Einheiten: eine neue Topologie bei Mehrkernkomplexen. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 2055-2057	3.6	3
31	Magnetization tunneling in Mn <sub>12</sub> and Mn <sub>4</sub> single-molecule magnets. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7155	2.5	3
30	A [Mn] wheel-of-wheels. <i>Chemical Communications</i> , <b>2021</b> , 57, 4122-4125	5.8	3
29	Exploiting complementary ligands for the construction of square antiprismatic monometallic lanthanide SMMs. <i>Dalton Transactions</i> , <b>2021</b> , 50, 9648-9654	4.3	3
28	Structural Trends in Calix[4]arene-Supported Cluster Chemistry <b>2016</b> , 671-689		2
27	Solvothermal synthesis of discrete cages and extended networks comprising {Cr(III) <sub>3</sub> O(O <sub>2</sub> CR) <sub>3</sub> (oxime) <sub>3</sub> } <sub>2</sub> [R = H, CH <sub>3</sub> , C(CH <sub>3</sub> ) <sub>3</sub> , C <sub>14</sub> H <sub>9</sub> ] building blocks. <i>RSC Advances</i> , <b>2016</b> , 6, 73668-73676 <sup>2</sup>		
26	An [FeIII <sub>34</sub> ] Molecular Metal Oxide. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 17059-17062	3.6	2
25	Rücktitelbild: Cryogenic Magnetocaloric Effect in a Ferromagnetic Molecular Dimer (Angew. Chem. 29/2011). <i>Angewandte Chemie</i> , <b>2011</b> , 123, 6548-6548	3.6	2
24	Back Cover: Cryogenic Magnetocaloric Effect in a Ferromagnetic Molecular Dimer (Angew. Chem. Int. Ed. 29/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 6422-6422	16.4	2
23	Putting the Squeeze on Molecule-Based Magnets: Exploiting Pressure to Develop Magneto-Structural Correlations in Paramagnetic Coordination Compounds. <i>Magnetochemistry</i> , <b>2020</b> , 6, 32	3.1	2
22	A Brucite-Like Mixed-Valent Cluster Capped by [MnIIIp-tBu-calix[4]arene] Moieties. <i>Chemistry</i> , <b>2020</b> , 2, 253-261	2.1	1
21	New salicylaldoximate-borate ligands resulting from anion hydrolysis and their respective copper and iron complexes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 11872-11881	4.3	1

20	Building Molecular Minerals: All Ferric Pieces of Molecular Magnetite. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 6581-6581	16.4	1
19	The coordination chemistry of -butylcalix[4]arene with paramagnetic transition and lanthanide metal ions: an Edinburgh Perspective.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	1
18	The first amino acid bound manganese-calcium clusters: a {[MnCa]} methylalanine complex, and a [MnCa] trigonal prism. <i>Dalton Transactions</i> , <b>2020</b> , 49, 10339-10343	4.3	1
17	Kinetic selection of PdL metallocyclic and PdL trigonal prismatic assemblies. <i>Chemical Communications</i> , <b>2020</b> , 56, 11799-11802	5.8	1
16	Synthesis and Characterization of Symmetrically Unsymmetrically Proton-Bridged Hexa-Iron Clusters. <i>ACS Omega</i> , <b>2021</b> , 6, 16661-16669	3.9	1
15	A new twist on an old ligand: a [Mn16] double square wheel and a [Mn10] contorted wheel. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 1804-1809	6.8	1
14	Phosphorylated-calix[4]arene double-deckers of single rare earth metal ions. <i>Chemical Communications</i> , <b>2021</b> , 57, 8087-8090	5.8	1
13	[Fe]: a frustrated, centred tetrakis hexahedron. <i>Chemical Communications</i> , <b>2021</b> , 57, 8925-8928	5.8	1
12	The structural manipulation of a series of Ni defective dicubanes: Synthesis, X-ray Structures, Magnetic and Computational analyses. <i>Dalton Transactions</i> , <b>2021</b> , 50, 5318-5326	4.3	1
11	Hybrid lanthanide double-deckers based on calixarene and polyoxometalate units.. <i>Dalton Transactions</i> , <b>2022</b> ,	4.3	1
10	[(VO)MII5] (M = Ni, Co) Anderson wheels. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12495-12501	4.3	0
9	Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-{2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl}ethanaminium acetate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2015</b> , 71, o186-7	0.7	
8	Reprint of Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation <i>Polyhedron</i> , <b>2013</b> , 64, 388-392	2.7	
7	Metal-Organic Frameworks: Derived from Single Molecule Magnets <b>2014</b> , 1-14		
6	Innentitelbild: A [Mn32] Double-Decker Wheel (Angew. Chem. 19/2011). <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4326-4326	3.6	
5	Inside Cover: A [Mn32] Double-Decker Wheel (Angew. Chem. Int. Ed. 19/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4238-4238	16.4	
4	VARIABLE FREQUENCY EPR STUDIES OF A CENTERED FeIII TETRAHEDRON. <i>International Journal of Modern Physics B</i> , <b>2004</b> , 18, 3853-3856	1.1	
3	Building Molecular Minerals: All Ferric Pieces of Molecular Magnetite. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 6743-6743	3.6	

2 Structural Variations and Magnetic Studies of Polymetallic Cages. *Molecular Crystals and Liquid Crystals*, **1999**, 335, 263-282

1 Oxidation state variation in bis-calix[4]arene supported decametallic Mn clusters. *Dalton Transactions*, **2021**, 50, 17566-17572

43