

Euan K. Brechin

List of Publications by Year in Descending Order

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

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	The coordination chemistry of -butylcalix[4]arene with paramagnetic transition and lanthanide metal ions: an Edinburgh Perspective.. <i>Dalton Transactions</i> , 2022 ,	4.3	1
360	Hybrid lanthanide double-deckers based on calixarene and polyoxometalate units.. <i>Dalton Transactions</i> , 2022 ,	4.3	1
359	Oxidation state variation in bis-calix[4]arene supported decametallc Mn clusters. <i>Dalton Transactions</i> , 2021 , 50, 17566-17572	4.3	
358	Synthesis and Characterization of Symmetrically Unsymmetrically Proton-Bridged Hexa-Iron Clusters. <i>ACS Omega</i> , 2021 , 6, 16661-16669	3.9	1
357	A new twist on an old ligand: a [Mn16] double square wheel and a [Mn10] contorted wheel. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1804-1809	6.8	1
356	Design of pure heterodinuclear lanthanoid cryptate complexes. <i>Chemical Science</i> , 2021 , 12, 6983-6991	9.4	4
355	[(VO)MII5] (M = Ni, Co) Anderson wheels. <i>Dalton Transactions</i> , 2021 , 50, 12495-12501	4.3	0
354	A [Mn] wheel-of-wheels. <i>Chemical Communications</i> , 2021 , 57, 4122-4125	5.8	3
353	Phosphorylated-calix[4]arene double-deckers of single rare earth metal ions. <i>Chemical Communications</i> , 2021 , 57, 8087-8090	5.8	1
352	[Fe]: a frustrated, centred tetrakis hexahedron. <i>Chemical Communications</i> , 2021 , 57, 8925-8928	5.8	1
351	Exploiting host-guest chemistry to manipulate magnetic interactions in metallosupramolecular ML tetrahedral cages. <i>Chemical Science</i> , 2021 , 12, 5134-5142	9.4	5
350	The structural manipulation of a series of Ni defective dicubanes: Synthesis, X-ray Structures, Magnetic and Computational analyses. <i>Dalton Transactions</i> , 2021 , 50, 5318-5326	4.3	1
349	Exploiting complementary ligands for the construction of square antiprismatic monometallic lanthanide SMMs. <i>Dalton Transactions</i> , 2021 , 50, 9648-9654	4.3	3
348	Phthalocyanine-polyoxotungstate lanthanide double deckers. <i>Dalton Transactions</i> , 2020 , 49, 16638-16642	4.3	4
347	A Brucite-Like Mixed-Valent Cluster Capped by [MnIIIp-tBu-calix[4]arene] Moieties. <i>Chemistry</i> , 2020 , 2, 253-261	2.1	1
346	With complements of the ligands: an unusual S-shaped [Mn] assembly from tethered calixarenes. <i>Dalton Transactions</i> , 2020 , 49, 9882-9887	4.3	3
345	Vibrational coherences in manganese single-molecule magnets after ultrafast photoexcitation. <i>Nature Chemistry</i> , 2020 , 12, 452-458	17.6	15

344	The first amino acid bound manganese-calcium clusters: a {[MnCa]} methylalanine complex, and a [MnCa] trigonal prism. <i>Dalton Transactions</i> , 2020 , 49, 10339-10343	4.3	1
343	Pressure-and temperature induced phase transitions, piezochromism, NLC behaviour and pressure controlled Jahn-Teller switching in a Cu-based framework. <i>Chemical Science</i> , 2020 , 11, 8793-8799	9.4	5
342	Putting the Squeeze on Molecule-Based Magnets: Exploiting Pressure to Develop Magneto-Structural Correlations in Paramagnetic Coordination Compounds. <i>Magnetochemistry</i> , 2020 , 6, 32	3.1	2
341	Magneto-structural studies of an unusual [MnMnGd(OR)] partial cubane from 2,2'-bis--Bu-calix[4]arene. <i>Dalton Transactions</i> , 2020 , 49, 14790-14797	4.3	6
340	Kinetic selection of PdL metallocyclic and PdL trigonal prismatic assemblies. <i>Chemical Communications</i> , 2020 , 56, 11799-11802	5.8	1
339	Molecular multifunctionality preservation upon surface deposition for a chiral single-molecule magnet. <i>Chemical Science</i> , 2019 , 10, 3065-3073	9.4	13
338	Crowding out: ligand modifications and their structure directing effects on brucite-like {M(EDH)} (M = Co(ii), Ni(ii)) core growth within polymetallic cages. <i>Dalton Transactions</i> , 2019 , 48, 1477-1488	4.3	4
337	Effect of aromatic spacers on the magnetic properties and slow relaxation of double stranded metallacyclophanes with a LnIII[MII]MIIILnIII (LnIII = GdIII, DyIII, YIII; MII = NiII, CoII) linear topology. <i>Polyhedron</i> , 2019 , 170, 373-387	2.7	6
336	Mono- and ditopic hydroxamate ligands towards discrete and extended network architectures. <i>Dalton Transactions</i> , 2019 , 48, 10180-10190	4.3	3
335	A Ferromagnetically Coupled, Bell-Shaped [NiGd] Cage. <i>Inorganic Chemistry</i> , 2019 , 58, 11404-11409	5.1	5
334	New salicylaldoximato-borate ligands resulting from anion hydrolysis and their respective copper and iron complexes. <i>Dalton Transactions</i> , 2019 , 48, 11872-11881	4.3	1
333	An [FeIII ₃₄] Molecular Metal Oxide. <i>Angewandte Chemie</i> , 2019 , 131, 17059-17062	3.6	2
332	An [Fe] Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16903-16906	16.4	12
331	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> , 2018 , 30, 504-509	1.8	5
330	Probing the origin of the giant magnetic anisotropy in trigonal bipyramidal Ni(ii) under high pressure. <i>Chemical Science</i> , 2018 , 9, 1551-1559	9.4	36
329	Modular [FeM] (M = Pd, Co, Ni, Cu) Coordination Cages. <i>Inorganic Chemistry</i> , 2018 , 57, 3500-3506	5.1	11
328	Order in disorder: solution and solid-state studies of [MM] wheels (M = Cr, Al; M = Ni, Zn). <i>Dalton Transactions</i> , 2018 , 47, 11834-11842	4.3	9
327	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. <i>Dalton Transactions</i> , 2018 , 47, 15983-15993	4.3	5

326	Cages on a plane: a structural matrix for molecular 'sheets'. <i>Dalton Transactions</i> , 2018 , 47, 15530-15537	4.3	9
325	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> , 2018 , 140, 15611-15615	16.4	13
324	Oxidation State Distributions Provide Insight into Parameters Directing the Assembly of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13022-13027	16.4	9
323	In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , 2018 , 9, 2119	17.4	18
322	A [CrNi] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. <i>Chemical Communications</i> , 2018 , 54, 6153-6156	5.8	4
321	A simple methodology for constructing ferromagnetically coupled Cr(iii) compounds. <i>Dalton Transactions</i> , 2018 , 47, 8100-8109	4.3	7
320	Self-assembly of the tetrachlorido(oxalato)rhenate(IV) anion with protonated organic cations: X-ray structures and magnetic properties. <i>CrystEngComm</i> , 2017 , 19, 503-510	3.3	8
319	Magneto-structural correlations in a family of di-alkoxo bridged chromium dimers. <i>Dalton Transactions</i> , 2017 , 46, 7159-7168	4.3	8
318	[MIII2MII3] trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. <i>Chemical Science</i> , 2017 , 8, 5526-5535	9.4	12
317	A [Ce] keplerate. <i>Dalton Transactions</i> , 2017 , 46, 7677-7680	4.3	6
316	Hexahalorhenate(iv) salts of metal oxazolidine nitroxides. <i>Dalton Transactions</i> , 2017 , 46, 5250-5259	4.3	5
315	Magneto-structural correlations in dirhenium(iv) complexes possessing magnetic pathways with even or odd numbers of atoms. <i>Dalton Transactions</i> , 2017 , 46, 11890-11897	4.3	4
314	Enhancement of Intermolecular Magnetic Exchange through Halogen...Halogen Interactions in Bisadeninium Rhenium(IV) Salts. <i>Crystal Growth and Design</i> , 2017 , 17, 5342-5348	3.5	12
313	Coming full circle: constructing a [Gd] wheel dimer by dimer and the importance of spin topology. <i>Dalton Transactions</i> , 2017 , 46, 10255-10263	4.3	11
312	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> , 2017 , 46, 10469-10483	4.3	7
311	A New Family of 3d-4f Bis-Calix[4]arene-Supported Clusters. <i>Chemistry - A European Journal</i> , 2017 , 23, 14073-14079	4.8	13
310	Importance of Steric Influences in the Construction of Multicomponent Hybrid Polymetallic Clusters. <i>Inorganic Chemistry</i> , 2017 , 56, 10044-10053	5.1	6
309	The remarkable influence of N,O-ligands in the assembly of a bis-calix[4]arene-supported [MnMnMn] cluster. <i>Dalton Transactions</i> , 2017 , 46, 16807-16811	4.3	10

308	Magneto-structural correlations in a family of ReCu chains based on the hexachlororhenate(IV) metalloligand. <i>Dalton Transactions</i> , 2017 , 46, 16025-16033	4.3	9
307	Structural Trends in Calix[4]arene-Supported Cluster Chemistry 2016 , 671-689		2
306	A Facile Synthetic Route to a Family of Mn(III) Monomers and Their Structural, Magnetic and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5123-5131	2.3	3
305	Core expansion of bis-calix[4]arene-supported clusters. <i>Chemical Communications</i> , 2016 , 52, 14246-14249	5.8	11
304	Solvothermal synthesis of discrete cages and extended networks comprising {Cr(III)3O(O2CR)3(oxime)3}2 (R = H, CH3, C(CH3)3, C14H9) building blocks. <i>RSC Advances</i> , 2016 , 6, 73668-73676	3.7	2
303	Copper Keplerates: High-Symmetry Magnetic Molecules. <i>ChemPhysChem</i> , 2016 , 17, 55-60	3.2	14
302	Investigations into cluster formation with alkyl-tethered bis-calix[4]arenes. <i>Supramolecular Chemistry</i> , 2016 , 28, 557-566	1.8	8
301	Bis-Calix[4]arenes: From Ligand Design to the Directed Assembly of a Metal-Organic Trigonal Antiprism. <i>Chemistry - A European Journal</i> , 2016 , 22, 8791-5	4.8	8
300	Pressure induced enhancement of the magnetic ordering temperature in rhenium(IV) monomers. <i>Nature Communications</i> , 2016 , 7, 13870	17.4	26
299	New members of the [Mn6/oxime] family and analogues with converging [Mn3] planes. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 826-840	1.6	6
298	[Cr(III)8M(II)6]n+ (M(II) = Cu, Co) face-centred, metallosupramolecular cubes. <i>CrystEngComm</i> , 2016 , 18, 4914-4920	4.9	7
297	Structurally Flexible and Solution Stable [LnTM(OH)(L)(OCR)(MeOH)](CLO): A Playground for Magnetic Refrigeration. <i>Inorganic Chemistry</i> , 2016 , 55, 10535-10546	5.1	23
296	In search of molecules displaying ferromagnetic exchange: multiple-decker Ni and Ni complexes from the use of pyridine-2-amidoxime. <i>Dalton Transactions</i> , 2016 , 45, 17409-17419	4.3	13
295	A hexameric [MnNa] wheel based on [MnO] sub-units. <i>Chemical Communications</i> , 2016 , 52, 12829-12832	5.8	9
294	Effect of Protonated Organic Cations and Anion-Interactions on the Magnetic Behavior of Hexabromorhenate(IV) Salts. <i>Crystal Growth and Design</i> , 2015 , 15, 2598-2601	3.5	21
293	Molecular Pac-Man and Tacos: layered Cu(II) cages from ligands with high binding site concentrations. <i>Dalton Transactions</i> , 2015 , 44, 13359-68	4.3	6
292	[Cr(III)8M(II)6](12+) Coordination Cubes (M(II)=Cu, Co). <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6761-4	16.4	35
291	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [Ln(III)(6)Zn(III)(2)] cages. <i>Dalton Transactions</i> , 2015 , 44, 10315-20	4.3	27

290	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> , 2015 , 44, 10177-87	4.3	4
289	Hexakis(diethylacetamide)iron(II) hexahalorhenate(IV) ionic salts: X-ray structures and magnetic properties. <i>Polyhedron</i> , 2015 , 98, 35-39	2.7	4
288	A high-pressure crystallographic and magnetic study of Na ₅ [Mn(l-tart) ₂] ₂ ·2H ₂ O (l-tart = l-tartrate). <i>Dalton Transactions</i> , 2015 , 44, 18324-8	4.3	5
287	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> , 2015 , 44, 19805-11	4.3	13
286	Crystal structure of 2-hydroxy-N-(2-hydroxyethyl)-N-{2-hydroxy-3-[(E)-N-hydroxyethanimidoyl]-5-methylbenzyl}ethanaminium.7 acetate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o186-7		
285	[CrIII8MII6]12+ Coordination Cubes (MII=Cu, Co). <i>Angewandte Chemie</i> , 2015 , 127, 6865-6868	3.6	10
284	The effect of crystal packing and Re(IV) ions on the magnetisation relaxation of [Mn ₆]-based molecular magnets. <i>Chemistry - A European Journal</i> , 2015 , 21, 8790-8	4.8	16
283	Facile interchange of 3d and 4f ions in single-molecule magnets: stepwise assembly of [Mn ₄], [Mn ₃ Ln] and [Mn ₂ Ln ₂] cages within calix[4]arene scaffolds. <i>Chemistry - A European Journal</i> , 2015 , 21, 11212-8	4.8	28
282	Single-Molecule Magnetism, Enhanced Magnetocaloric Effect, and Toroidal Magnetic Moments in a Family of Ln ₄ Squares. <i>Chemistry - A European Journal</i> , 2015 , 21, 15639-50	4.8	66
281	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> , 2015 , 3, 7819-7829	7.1	59
280	Mono- and tetra-nuclear copper complexes bearing bis(imino)phenoxide derived ligands: catalytic evaluation for benzene oxidation and ROP of ϵ -caprolactone. <i>RSC Advances</i> , 2015 , 5, 57414-57424	3.7	10
279	Linked supramolecular building blocks for enhanced cluster formation. <i>Chemistry - A European Journal</i> , 2015 , 21, 2804-12	4.8	19
278	"Converting" an hexametallc MnIII wheel to a dodecametallc MnIII wheel via ligand oximation. <i>Chemical Communications</i> , 2014 , 50, 3310-2	5.8	13
277	A family of cationic oxime-based hexametallc manganese(III) single-molecule magnets. <i>Dalton Transactions</i> , 2014 , 43, 4408-14	4.3	25
276	Surface Investigation on Gd ₄ M ₈ (M = Zn, Ni) Single Molecule Coolers. <i>Advanced Functional Materials</i> , 2014 , 24, 4782-4788	15.6	6
275	Metamagnetic behaviour in a new Cu(II)Re(IV) chain based on the hexachlororhenate(IV) anion. <i>Chemical Communications</i> , 2014 , 50, 5840-2	5.8	23
274	Chiral single-chain magnet: helically stacked [Mn(III) ₂ Cu(II)] triangles. <i>Inorganic Chemistry</i> , 2014 , 53, 4272-4	5.4	26
273	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> , 2014 , 53, 1465-74	5.1	87

272	Synthesis, structure, and magnetism of a family of heterometallic {Cu ₂ Ln ₇ } and {Cu ₄ Ln ₁₂ } (Ln = Gd, Tb, and Dy) complexes: the Gd analogues exhibiting a large magnetocaloric effect. <i>Inorganic Chemistry</i> , 2014 , 53, 13154-61	5.1	40
271	A family of [Ni ₈] cages templated by β -peroxide from dioxygen activation. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 487-494	6.8	5
270	Self-Assembly of the Hexabromorhenate(IV) Anion with Protonated Benzotriazoles: X-ray Structure and Magnetic Properties. <i>Crystal Growth and Design</i> , 2014 , 14, 5985-5990	3.5	16
269	Discovering the pivotal role of carbonate in the formation of a bis-phenolate supported Co ₁₅ cluster. <i>Chemical Communications</i> , 2014 , 50, 2202-4	5.8	13
268	Oxalix[4]arene-supported di-, tetra- and undecanuclear copper(II) clusters. <i>Dalton Transactions</i> , 2014 , 43, 5292-8	4.3	8
267	Combining oxime-based [Mn ₆] clusters with cyanometalates: 1D chains of [Mn ₆] SMMs from [M(CN) ₂] ⁻ (M = Au, Ag). <i>Dalton Transactions</i> , 2014 , 43, 4622-5	4.3	6
266	CO ₂ as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd ₆ Cu ₃] tridiminished icosahedron. <i>Chemical Communications</i> , 2014 , 50, 3498-500	5.8	37
265	High nuclearity Ni(II) cages from hydroxamate ligands. <i>RSC Advances</i> , 2014 , 4, 38182-38191	3.7	13
264	Assembly of a calix[4]arene-supported Mn ^{III} Mn ^{II} cluster mediated by halogen interactions. <i>CrystEngComm</i> , 2014 , 16, 8098-8101	3.3	14
263	Bulking up: Hexanuclear oximate Fe(III) complexes surrounded by sterically demanding co-ligands. <i>Inorganica Chimica Acta</i> , 2014 , 421, 416-422	2.7	4
262	A truncated [Mn(III)] ₄ tetrahedron from oxime-based [Mn(III)] ₆ building blocks. <i>Dalton Transactions</i> , 2014 , 43, 10690-4	4.3	16
261	Closely-related Zn(II) ₂ Ln(III) ₂ complexes (Ln(III) = Gd, Yb) with either magnetic refrigerant or luminescent single-molecule magnet properties. <i>Inorganic Chemistry</i> , 2014 , 53, 3586-94	5.1	83
260	Influencing the Orientation of Jahn-Teller Axes in Butterfly-Like Mn ^{III} ₄ Clusters. <i>ChemPlusChem</i> , 2014 , 79, 667-670	2.8	6
259	Metal-Organic Frameworks: Derived from Single Molecule Magnets 2014 , 1-14		
258	Circular serendipity: in situ ligand transformation for the self-assembly of an hexadecametallic [Cu(II) ₁₆] wheel. <i>Chemical Communications</i> , 2014 , 50, 15002-5	5.8	19
257	A family of hexanuclear Mn(III) single-molecule magnets. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3972-3986	1.6	11
256	Combining complementary ligands into one framework for the construction of a ferromagnetically coupled [Mn(III) ₁₂] wheel. <i>Chemistry - A European Journal</i> , 2014 , 20, 3010-3	4.8	19
255	Three-leaf quantum interference clovers in a trigonal single-molecule magnet. <i>Physical Review Letters</i> , 2014 , 113, 087201	7.4	11

254	Dilution-triggered SMM behavior under zero field in a luminescent Zn ₂ Dy ₂ tetranuclear complex incorporating carbonato-bridging ligands derived from atmospheric CO ₂ fixation. <i>Inorganic Chemistry</i> , 2013 , 52, 9620-6	5.1	102
253	Slow magnetic relaxation in a Co(II)-Y(III) single-ion magnet with positive axial zero-field splitting. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9130-4	16.4	242
252	A cationic and ferromagnetic hexametallc Mn(III) single-molecule magnet based on the salicylamidoxime ligand. <i>Dalton Transactions</i> , 2013 , 42, 12824-7	4.3	22
251	A dense metal-organic framework for enhanced magnetic refrigeration. <i>Advanced Materials</i> , 2013 , 25, 4653-6	24	226
250	Cryogenic magnetocaloric effect in the Fe ₁₇ molecular nanomagnet. <i>Polyhedron</i> , 2013 , 52, 1177-1180	2.7	19
249	Reprint of [Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation] <i>Polyhedron</i> , 2013 , 64, 388-392	2.7	
248	From antiferromagnetic to ferromagnetic exchange in a family of oxime-based Mn(III) dimers: a magneto-structural study. <i>Dalton Transactions</i> , 2013 , 42, 16510-7	4.3	28
247	A bis-phenolate for the construction of linear lanthanide trimers. <i>Chemical Communications</i> , 2013 , 49, 9552-4	5.8	8
246	Squaring the cube: a family of octametallc lanthanide complexes including a Dy ₈ single-molecule magnet. <i>Dalton Transactions</i> , 2013 , 42, 14693-701	4.3	43
245	A 1-D coordination polymer based on a Mn ₄₀ octagonal super-structure. <i>Chemical Communications</i> , 2013 , 49, 1061-3	5.8	18
244	Progressive decoration of pentanuclear Cu(II) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks. <i>CrystEngComm</i> , 2013 , 15, 6672	3.3	24
243	Synthetic, structural, spectroscopic and theoretical study of a Mn(III)-Cu(II) dimer containing a Jahn-Teller compressed Mn ion. <i>Dalton Transactions</i> , 2013 , 42, 207-16	4.3	12
242	Nanoscale control of polyoxometalate assembly: a {Mn ₈ W ₄ } cluster within a {W ₃₆ Si ₄ Mn ₁₀ } cluster showing a new type of isomerism. <i>Chemistry - A European Journal</i> , 2013 , 19, 2976-81	4.8	26
241	Cobalt(II) complexes of calix[6]arenes: Crystallographic studies into heteroatom bridge influence over discrete versus polymeric structure formation. <i>Polyhedron</i> , 2013 , 55, 126-130	2.7	7
240	A ferromagnetically coupled diphenoxo-bridged Gd(3+)-Mn ²⁺ dinuclear complex with a large magneto-caloric effect. <i>Chemical Communications</i> , 2013 , 49, 3845-7	5.8	48
239	Complementary ligands direct the formation of a calix[8]arene-supported ferromagnetic Mn(IV)Mn(III) dimer. <i>Dalton Transactions</i> , 2013 , 42, 6697-700	4.3	13
238	Homo- and heterometallc planes, chains and cubanes. <i>Dalton Transactions</i> , 2013 , 42, 10315-25	4.3	15
237	Relaxation dynamics in a Fe ₇ nanomagnet. <i>Physical Review B</i> , 2013 , 87,	3.3	12

236	Slow Magnetic Relaxation in a Coll ^{III} Single-Ion Magnet with Positive Axial Zero-Field Splitting. <i>Angewandte Chemie</i> , 2013 , 125, 9300-9304	3.6	44
235	A flow-system array for the discovery and scale up of inorganic clusters. <i>Nature Chemistry</i> , 2012 , 4, 1037-1036	4.3	50
234	Net toroidal magnetic moment in the ground state of a {Dy ₆ }-triethanolamine ring. <i>Journal of the American Chemical Society</i> , 2012 , 134, 18554-7	16.4	138
233	Calixarene-supported rare-earth clusters: heteroatom bridge influences cluster composition. <i>Chemical Communications</i> , 2012 , 48, 8493-5	5.8	17
232	Twisted molecular magnets. <i>Chemical Communications</i> , 2012 , 48, 181-90	5.8	84
231	Calix[4]arene-supported rare earth octahedra. <i>Chemical Communications</i> , 2012 , 48, 1449-51	5.8	60
230	Calixarene-supported clusters: employment of complementary cluster ligands for the construction of a ferromagnetic [Mn ₅] cage. <i>Chemical Communications</i> , 2012 , 48, 11190-2	5.8	29
229	Linking [M(III) ₃] triangles with "double-headed" phenolic oximes. <i>Dalton Transactions</i> , 2012 , 41, 8777-85	4.3	10
228	Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metal-organic frameworks. <i>Chemical Communications</i> , 2012 , 48, 7592-4	5.8	133
227	Old dog, new tricks: 2,2'-biphenol as a bridging and book-end ligand in discrete and extended Co(II) architectures. <i>CrystEngComm</i> , 2012 , 14, 2732	3.3	7
226	Oxalix[3]arene-supported supertetrahedron. <i>Chemical Communications</i> , 2012 , 48, 9263-5	5.8	20
225	Touching the upper limit for ferromagnetic interactions in hetero-bridged dinuclear [Cu ₂ (II)] complexes using a novel N ₅ -dinucleating ligand bearing an endogenous monoatomic amido(R-NH(-))-bridging group. <i>Chemical Communications</i> , 2012 , 48, 805-7	5.8	14
224	Investigating the solid state hosting abilities of homo- and hetero-valent [Co ₇] metallocalix[6]arenes. <i>Dalton Transactions</i> , 2012 , 41, 5610-6	4.3	24
223	p-tert-Butylcalix[8]arene: an extremely versatile platform for cluster formation. <i>Chemistry - A European Journal</i> , 2012 , 18, 16014-22	4.8	30
222	Two-dimensional frameworks built from Single-Molecule Magnets. <i>CrystEngComm</i> , 2012 , 14, 1216	3.3	28
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- 1 Synthesis of 3d Metallic Single-Molecule Magnets 1-67 807