

# Annie K Powell

## 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.

529  
papers

24,245  
citations

77  
h-index

130  
g-index

560  
ext. papers

25,515  
ext. citations

5.6  
avg, IF

6.9  
L-index

#	Paper	IF	Citations
529	Synthesis, structures, and magnetic properties of Fe <sub>4</sub> -Ln <sub>2</sub> (Ln = Tb, Ho, and Er) clusters with N, N, N', N'-tetrakis-(2-hydroxyethyl)ethylenediamine. <i>Inorganica Chimica Acta</i> , <b>2022</b> , 120920	2.7	
528	Experimental and Theoretical Study of the Ultrafast Dynamics of a Ni Dy -Compound in DMF After UV/Vis Photoexcitation.. <i>ChemistryOpen</i> , <b>2022</b> , 11, e202200086	2.3	
527	Gd <sub>3</sub> Triangles in a Polyoxometalate Matrix: Tuning Molecular Magnetocaloric Effects in {Gd <sub>30</sub> M <sub>8</sub> } Polyoxometalate/Cluster Hybrids Through Variation of M <sup>2+</sup> . <i>Small Structures</i> , <b>2021</b> , 2, 2170029	8.7	0
526	Breaking Symmetry Relaxes Structural and Magnetic Restraints, Suppressing QTM in Enantiopure Butterfly Fe Dy SMMs*. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15102-15108	4.8	1
525	Taking the Third Route for Construction of POMOFs: The First Use of Carboxylate-Functionalized MnIII AndersonEvans POM-Hybrid Linkers and Lanthanide Nodes. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 3179-3190	3.5	1
524	Neutron Studies of a High Spin Fe <sub>19</sub> Molecular Nanodisc. <i>Magnetochemistry</i> , <b>2021</b> , 7, 74	3.1	0
523	What do 3d-4f butterflies tell us?. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 426, 213490	23.2	18
522	Gd <sub>3</sub> Triangles in a Polyoxometalate Matrix: Tuning Molecular Magnetocaloric Effects in {Gd <sub>30</sub> M <sub>8</sub> } Polyoxometalate/Cluster Hybrids Through Variation of M <sup>2+</sup> . <i>Small Structures</i> , <b>2021</b> , 2, 2100052	8.7	2
521	Linear shaped hetero-metallic [Zn <sub>2</sub> Ln <sub>4</sub> ] clusters with Schiff base ligand: Synthesis, characterization and magnetic properties. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 524, 120437	2.7	2
520	From the {Fe Ln } Butterfly's Perspective: the Magnetic Benefits and Challenges of Cooperativity within 3 d-4 f Based Coordination Clusters. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15043-15065	4.8	2
519	Influence of Mn/Ca ratio in Mn-Ca coordination clusters: Synthesis, structure, and magnetic characterisation. <i>Polyhedron</i> , <b>2021</b> , 206, 115325	2.7	0
518	Assisted Self-Assembly to Target Heterometallic Mn-Nd and Mn-Sm SMMs: Synthesis and Magnetic Characterisation of [Mn Ln (O) (OH) (mdea) (piv) (NO ) ] (Ln=Nd, Sm, Eu, Gd)*. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15095-15101	4.8	1
517	Ni -Containing 54-Tungsto-6-Silicate: Synthesis, Structure, Magnetic and Electrochemical Studies. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15080-15084	4.8	2
516	Terminal Ligand and Packing Effects on Slow Relaxation in an Isostructural Set of [Dy(H dapp)X ] Single Molecule Magnets*. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15085-15094	4.8	0
515	Experimental and Theoretical Study of the Ultrafast Dynamics of a Ni Dy -Compound in DMF After UV/Vis Photoexcitation.. <i>ChemistryOpen</i> , <b>2021</b> ,	2.3	1
514	Synthesis, characterization and magnetic studies of dinuclear lanthanide complexes constructed with a Schiff base ligand. <i>Journal of Coordination Chemistry</i> , <b>2020</b> , 73, 1045-1054	1.6	5
513	Exploring the Vibrational Side of Spin-Phonon Coupling in Single-Molecule Magnets via Dy Nuclear Resonance Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8818-8822	16.4	6

512	Untersuchung von Schwingungen in Bezug auf Spin-Phonon-Kopplung in Einzelmolekülmagneten mittels nuklearer inelastischer Streuung am $^{161}\text{Dy}$ -Kern. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8902-8907	3.6	3
511	Di- and Tri-nuclear V and Cr Complexes of Dipyridyltriazoles: Ligand Rearrangements, Mixed Valency and Ferromagnetic Coupling. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 540	5	
510	The First Use of a ReX Synthone to Modulate Fe Spin Crossover via Supramolecular Halogen-Halogen Interactions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11835-11840	4.8	2
509	A designed and potentially decadentate ligand for use in lanthanide(III) catalysed biomass transformations: targeting diastereoselective trans-4,5-diaminocyclopentenone derivatives. <i>Dalton Transactions</i> , <b>2020</b> , 49, 2331-2336	4.3	5
508	Varying the Dimensionality of Cu(II)-Based Coordination Polymers Through Solvent Influence. <i>Crystals</i> , <b>2020</b> , 10, 893	2.3	1
507	Spin-Spin Interactions Between Er(III) Ions in the $[\text{Al}_2\text{Er}_2(\beta\text{-OH})_2(\text{pmdta})_2(\text{p-Me-PhCO}_2)_6]\cdot 2\text{MeCN}$ Compound: EPR Study. <i>Applied Magnetic Resonance</i> , <b>2020</b> , 51, 1267-1276	0.8	
506	Dinuclear Tb and Dy complexes supported by hybrid Schiff-base/calixarene ligands: synthesis, structures and magnetic properties. <i>Dalton Transactions</i> , <b>2020</b> , 49, 10901-10908	4.3	8
505	A multifunctional use of bis(methylene)bis(5-bromo-2-hydroxyl salicyloylhydrazonate): from metal sensing to ambient catalysis of A3 coupling reactions.. <i>RSC Advances</i> , <b>2020</b> , 10, 40739-40744	3.7	3
504	Inorganic Approach to Stabilizing Nanoscale Toroidicity in a Tetraicosanuclear FeDy Single Molecule Magnet. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 14838-14842	16.4	20
503	Comparative NMR Relaxivity Study of Polyoxometalate-Based Clusters $[\text{Mn}_4(\text{H}_2\text{O})_2(\text{P}_2\text{W}_{15}\text{O}_{56})_2]^{16-}$ and $[\{\text{Dy}(\text{H}_2\text{O})_6\}_2\text{Mn}_4(\text{H}_2\text{O})_2(\text{P}_2\text{W}_{15}\text{O}_{56})_2]^{10-}$ from 20 MHz to 1.2 GHz. <i>Applied Magnetic Resonance</i> , <b>2020</b> , 51, 1295-1305	0.8	1
502	Exploratory studies on azido-bridged complexes (Ni and Mn) as dual colourimetric chemosensors for S and Ag: combined experimental and theoretical outcomes with real field applications. <i>Dalton Transactions</i> , <b>2020</b> , 49, 13090-13099	4.3	5
501	The Influence of Halide Substituents on the Structural and Magnetic Properties of FeDy Rings. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 701	5	2
500	Exchange Interactions in Heteronuclear Clusters Containing Dysprosium Ions: EPR Spectroscopy Possibility. <i>Applied Magnetic Resonance</i> , <b>2019</b> , 50, 1429-1441	0.8	2
499	Chasing BODIPY: Enhancement of Luminescence in Homoleptic Bis(dipyrrinato) Zn Complexes Utilizing Symmetric and Unsymmetrical Dipyrrins. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3816-3827	4.8	14
498	Twists to the Spin Structure of the Ln-diabolo Motif Exemplified in Two $\{\text{ZnLn}\}[\text{Ln}]\{\text{Zn}\}$ Coordination Clusters. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 2483-2490	5.1	4
497	Single Crystal Investigations Unravel the Magnetic Anisotropy of the "Square-In Square" CrDy SMM Coordination Cluster. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 6	5	8
496	Mechanism of magnetisation relaxation in $\{\text{MIII}_2\text{DyIII}_2\}$ (M = Cr, Mn, Fe, Al) "Butterfly" complexes: how important are the transition metal ions here?. <i>Chemical Science</i> , <b>2019</b> , 10, 5528-5538	9.4	33
495	Anion Influence on Spin State in Two Novel Fe(III) Compounds: $[\text{Fe}(\text{5F-sal})_2]^{3+}$ . <i>Crystals</i> , <b>2019</b> , 9, 19	2.3	11

494	Trinuclear and Hexanuclear Lanthanide(III) Complexes of the Chiral 3+3 Macrocycle: X-ray Crystal Structures and Magnetic Properties. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4201-4213	5.1	12
493	Röntgenbild: 161Dy Time-Domain Synchrotron Mössbauer Spectroscopy for Investigating Single-Molecule Magnets Incorporating Dy Ions (Angew. Chem. 11/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3690-3690	3.6	
492	161Dy Time-Domain Synchrotron Mössbauer Spectroscopy for Investigating Single-Molecule Magnets Incorporating Dy Ions. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3482-3487	3.6	3
491	Synthesis of five isostructural tetranuclear Fe <sub>2</sub> Ln <sub>2</sub> (Ln = Gd, Tb, Dy, Ho, Er) complexes with an inverse butterfly core. <i>Polyhedron</i> , <b>2019</b> , 158, 255-261	2.7	6
490	Butterfly-shaped, heterometallic, hexanuclear, [Fe <sub>II</sub> 2Ln <sub>III</sub> 4] (Ln <sub>III</sub> = Gd <sub>III</sub> , Tb <sub>III</sub> , Dy <sub>III</sub> and Ho <sub>III</sub> ) Complexes: Syntheses, structure and magnetism. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 486, 458-467	2.7	3
489	Tetranuclear Cu(II)-chiral complexes: synthesis, characterization and biological activity.. <i>RSC Advances</i> , <b>2019</b> , 9, 24087-24091	3.7	5
488	Multimodeling Approach to Ferromagnetic Spin-Wave Excitations in the High-Spin Cluster MnSr Observed by Inelastic Neutron Scattering. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 11256-11268	5.1	0
487	Layered Ln(III) Complexes from a Sulfonate-Based 1,8-Naphthalimide: Structures, Magnetism and Photophysics. <i>ChemistrySelect</i> , <b>2019</b> , 4, 1850-1856	1.8	8
486	Influence of ligand substitution on magnetic hyperfine interaction in Dy <sub>6</sub> -based single-molecule magnets/toroids. <i>Hyperfine Interactions</i> , <b>2019</b> , 240, 1	0.8	1
485	Evaluation of click chemistry microarrays for immunosensing of alpha-fetoprotein (AFP). <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 2505-2515	3	3
484	Dy Time-Domain Synchrotron Mössbauer Spectroscopy for Investigating Single-Molecule Magnets Incorporating Dy Ions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 3444-3449	16.4	10
483	High spin cycles: topping the spin record for a single molecule verging on quantum criticality. <i>Npj Quantum Materials</i> , <b>2018</b> , 3,	5	60
482	Influence of lanthanides on spin-relaxation and spin-structure in a family of Fe <sub>7</sub> Ln <sub>4</sub> single molecule magnets. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 2862-2872	7.1	12
481	A W-Shaped Ga-Dy-Dy-Dy-Ga Cluster: Synthesis, Characterization, and Magnetic Properties. <i>ChemPlusChem</i> , <b>2018</b> , 83, 676-681	2.8	1
480	Coupling Influences SMM Properties for Pure 4 f Systems. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6079-6086	4.0	44
479	Effect of ligand substitution on the SMM properties of three isostructural families of double-cubane MnLn coordination clusters. <i>Dalton Transactions</i> , <b>2018</b> , 47, 3485-3495	4.3	21
478	The Effect of Modifying the Macrocyclic Ring Size on Zn <sub>3</sub> Ln (Ln = Dy, Er, and Yb) Single-Molecule Magnet Behavior. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 775-779	1.3	1
477	Synthesis and Characterization of a Heterometallic Extended Architecture Based on a Manganese(II)-Substituted Sandwich-Type Polyoxotungstate. <i>Materials</i> , <b>2018</b> , 11,	3.5	5

476	An octahedral tetrachlorido Fe(ii) complex with aminopyrazinium ligands from a serendipitous redox synthesis exhibiting magnetic exchange through non-covalent 3-D architectures. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7644-7648	4.3	3
475	Magnetization Blocking in Fe Dy Molecular Magnets: Ab Initio Calculations and EPR Spectroscopy. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 16652-16661	4.8	13
474	Butterfly M Er (M = Fe and Al) SMMs: Synthesis, Characterization, and Magnetic Properties. <i>ACS Omega</i> , <b>2018</b> , 3, 6360-6368	3.9	11
473	Element specific determination of the magnetic properties of two macrocyclic tetranuclear 3d-4f complexes with a CuTb core by means of X-ray magnetic circular dichroism (XMCD). <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 21286-21293	3.6	3
472	A tetranuclear CuDy coordination cluster as a Suzuki (C-C) coupling reaction promoter. <i>Dalton Transactions</i> , <b>2018</b> , 47, 17202-17205	4.3	12
471	Enantiopure Benzamidinate/Cyclooctatetraene Complexes of the Rare-Earth Elements: Synthesis, Structure, and Magnetism. <i>Organometallics</i> , <b>2018</b> , 37, 3708-3717	3.8	10
470	A Three-Pronged Attack To Investigate the Electronic Structure of a Family of Ferromagnetic FeLn Cyclic Coordination Clusters: A Combined Magnetic Susceptibility, High-Field/High-Frequency Electron Paramagnetic Resonance, and Fe Mössbauer Study. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4796-4806	5.1	30
469	Microwave-Mediated Synthesis of Bulky Lanthanide Porphyrin-Phthalocyanine Triple-Deckers: Electrochemical and Magnetic Properties. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4864-4873	5.1	15
468	Search for Electron Delocalization from [Fe(CN)] to the Dication of Viologen in (DNP)[Fe(CN)] <sub>10</sub> HO. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6477-6488	5.1	5
467	Field-Induced Co(II) Single-Ion Magnets with mer-Directing Ligands but Ambiguous Coordination Geometry. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6056-6066	5.1	25
466	Size-induced changes of structural and ferromagnetic properties in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> nanoparticles. <i>Journal of Applied Physics</i> , <b>2017</b> , 121, 214303	2.5	7
465	Systematic studies of hexanuclear {MIII <sub>4</sub> LnIII <sub>2</sub> } complexes (M = Fe, Ga; Ln = Er, Ho): structures, magnetic properties and SMM behavior. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 927-934	6.8	22
464	The role of coordinated solvent on Co(ii) ions in tuning the single molecule magnet properties in a {CoDy} system. <i>Dalton Transactions</i> , <b>2017</b> , 46, 5337-5343	4.3	36
463	An alternative method to access diverse N,N'-diquaternised-3,3'-biquinoxalium Biquinoxen <sup>2+</sup> dications. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2949-2954	3.6	1
462	A platform with connections in many directions - further remarkable facets to the multifaceted methylbiquinoxen dication. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 6981-6988	3.6	1
461	SMM behaviour and magnetocaloric effect in heterometallic 3d-4f coordination clusters with high azide : metal ratios. <i>Dalton Transactions</i> , <b>2017</b> , 46, 15661-15665	4.3	10
460	Stepwise Investigation of the Influences of Steric Groups versus Counterions To Target Cu/Dy Complexes. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 5178-5190	3.5	12
459	How Far can the Anisotropy Deviate from Uniaxiality in a Dy-Based Single-Molecule Magnet? Dinuclear Dy(III) Complex Study. <i>Applied Magnetic Resonance</i> , <b>2017</b> , 48, 101-113	0.8	6

458	Synthesis and characterization of a mixed-valent Mn <sup>II</sup> La <sup>III</sup> 2 aggregate with benzoate. <i>Monatshefte für Chemie</i> , <b>2017</b> , 148, 887-891	1.4	4
457	A family of one-dimensional lanthanide complexes bridged by two distinct carboxylate ligands with the Dy analogue displaying magnetic relaxation behaviour. <i>Dalton Transactions</i> , <b>2017</b> , 46, 14114-14121	4.3	25
456	Syntheses and structural characterization of amphiphilic mononuclear complexes [Fe <sup>III</sup> (L)(X) <sub>2</sub> ] (X = Br, SCN). <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 3182-3191	1.6	1
455	Spin Helicity in Chiral Lanthanide Chains. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10068-10074	5.1	18
454	Macroscopic Hexagonal Tubes of 3 d-4 f Metalloclusters. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15574-15578	16.4	81
453	High-flexibility combinatorial peptide synthesis with laser-based transfer of monomers in solid matrix material. <i>Nature Communications</i> , <b>2016</b> , 7, 11844	17.4	43
452	A switchable self-assembling and disassembling chiral system based on a porphyrin-substituted phenylalanine-phenylalanine motif. <i>Nature Communications</i> , <b>2016</b> , 7, 12657	17.4	49
451	Lanthanide dinuclear complexes constructed from mixed oxygen-donor ligands: the effect of substituent positions of the neutral ligand on the magnetic dynamics in Dy analogues. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4614-21	4.3	25
450	Direct surface visualization of biofilms with high spin coordination clusters using Magnetic Resonance Imaging. <i>Acta Biomaterialia</i> , <b>2016</b> , 31, 167-177	10.8	11
449	Effect of Ligand Field Tuning on the SMM Behavior for Three Related Alkoxide-Bridged Dysprosium Dimers. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 68-74	5.1	58
448	Multitechnique investigation of Dy - implications for coupled lanthanide clusters. <i>Chemical Science</i> , <b>2016</b> , 7, 4347-4354	9.4	60
447	Constraining the coordination geometries of lanthanide centers and magnetic building blocks in frameworks: a new strategy for molecular nanomagnets. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 2423-39	58.5	327
446	Unusual metal-ligand charge transfer in ferrocene functionalized B-O iron carboxylates observed with Mössbauer spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 407, 87-91	2.8	5
445	Isolation of a wide range of minerals from a thermally treated plant: Equisetum arvense, a Mare's tale. <i>Journal of Biological Inorganic Chemistry</i> , <b>2016</b> , 21, 101-12	3.7	10
444	A fascinating multifaceted redox-active chelating ligand: introducing the ,'-dimethyl-3,3'-biquinoxalinium "methylbiquinoxen" platform. <i>Chemical Science</i> , <b>2016</b> , 7, 3820-3828	9.4	5
443	Heptanickel(II) double-cubane core in wells-dawson heteropolytungstate, [Ni <sub>7</sub> (OH) <sub>6</sub> (H <sub>2</sub> O) <sub>6</sub> (P <sub>2</sub> W <sub>15</sub> O <sub>56</sub> ) <sub>2</sub> ](16-). <i>Chemical Communications</i> , <b>2016</b> , 52, 2601-4	5.8	14
442	Nine members of a family of nine-membered cyclic coordination clusters; Fe <sub>6</sub> Ln <sub>3</sub> wheels (Ln = Gd to Lu and Y). <i>Chemical Communications</i> , <b>2016</b> , 52, 1021-4	5.8	36
441	A single molecule magnet to single molecule magnet transformation via a solvothermal process: Fe <sub>4</sub> Dy <sub>2</sub> -> Fe <sub>6</sub> Dy <sub>3</sub> . <i>Dalton Transactions</i> , <b>2016</b> , 45, 98-106	4.3	24

440	Electron Microscopy of Anionic Surfactant-Directed Synthesis of Magnetite Nanoparticles. <i>Chemistry Journal of Moldova</i> , <b>2016</b> , 11, 69-73	0.9	1
439	Synthesis and Molecular Structures of Some New Cu(II) and Fe(III) Diclofenac Drug Complexes in Different Solvents. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2016</b> , 13, 5399-5407	0.3	
438	Synthesis, Spectroscopic, Structural Assignments and Theoretical Calculation of Thermodynamic Parameters of Indomethacin and Diclofenac Anti-Rheumatic Drug Complexes. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2016</b> , 13, 5484-5492	0.3	
437	Tuning of Hula-Hoop Coordination Geometry in a Dy Dimer. <i>Inorganics</i> , <b>2016</b> , 4, 2	2.9	2
436	Macroscopic Hexagonal Tubes of 3 d <sup>8</sup> f Metalloacycles. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 15803-15807	3.6	13
435	Mixed-Valent Mn <sup>16</sup> -Containing Heteropolyanions: Tuning of Oxidation State and Associated Physicochemical Properties. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 2755-64	5.1	22
434	An Undecanuclear Ferrimagnetic Cu <sub>9</sub> Dy <sub>2</sub> Single Molecule Magnet Achieved through Ligand Fine-Tuning. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4072-4	5.1	17
433	First heterometallic Ga(III)-Dy(III) single-molecule magnets: implication of Ga(III) in extracting Fe-Dy interaction. <i>Dalton Transactions</i> , <b>2016</b> , 45, 9336-44	4.3	16
432	Magnetic anisotropy of a Co single ion magnet with distorted trigonal prismatic coordination: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 30135-30143	3.6	44
431	Multiple superhyperfine fields in a {DyFe <sub>2</sub> Dy} coordination cluster revealed using bulk susceptibility and (57)Fe Mössbauer studies. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 21469-80	3.6	21
430	Squashed {Fe <sup>III</sup> M <sup>IV</sup> } octahedra (M = Y, Gd, Dy) from the first use of the cyanoacetate ligand in 3d/4f coordination chemistry. <i>RSC Advances</i> , <b>2015</b> , 5, 10763-10767	3.7	14
429	Developing a "highway code" to steer the structural and electronic properties of Fe(III)/Dy(III) coordination clusters. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3218-27	5.1	24
428	Ligand field variations: tuning the toroidal moment of Dy <sub>6</sub> rings. <i>Dalton Transactions</i> , <b>2015</b> , 44, 6343-7	4.3	25
427	Tetranuclear and Pentanuclear Compounds of the Rare-Earth Metals: Synthesis and Magnetism. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 7846-56	5.1	43
426	Approaching the limit of Cu(II)/Cu(I) mixed valency in a Cu(I)Br <sub>2</sub> -N-methylquinoxalinium hybrid compound. <i>Chemical Communications</i> , <b>2015</b> , 51, 12740-3	5.8	4
425	An Approach to More Accurate Model Systems for Purple Acid Phosphatases (PAPs). <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 7249-63	5.1	28
424	Coordination cluster nuclearity decreases with decreasing rare earth ionic radius in 1:1 Cr/Ln N-butyl-diethanolamine compounds: a journey across the lanthanide series from Cr <sub>4</sub> (III)La <sub>4</sub> Cr <sub>4</sub> (III)Tb <sub>4</sub> via Cr <sub>3</sub> (III)Dy <sub>3</sub> and Cr <sub>3</sub> (III)Ho <sub>3</sub> to Cr <sub>2</sub> (III)Er <sub>2</sub> Cr <sub>2</sub> (III)Lu <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3107-17	5.1	26
423	Dinuclear lanthanide(III)/zinc(II) complexes with methyl 2-pyridyl ketone oxime. <i>Dalton Transactions</i> , <b>2015</b> , 44, 19791-5	4.3	16

422	Tuning the Origin of Magnetic Relaxation by Substituting the 3d or Rare-Earth Ions into Three Isostructural Cyano-Bridged 3d-4f Heterodinuclear Compounds. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10316-22	5.1	29
421	A family of fourteen soluble stable macrocyclic [NiII3LnIII] heterometallic 3d <sup>2</sup> f complexes. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 982-990	6.8	23
420	Magnetic Interactions in a Series of Homodinuclear Lanthanide Complexes. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 11247-58	5.1	37
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186	An investigation into lanthanide-lanthanide magnetic interactions in a series of [Ln <sub>2</sub> (mdeaH <sub>2</sub> ) <sub>2</sub> (piv) <sub>6</sub> ] dimers. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 3494-3499	2.7	47
185	Self-assembly of Fe(III) complexes via hydrogen bonded water molecules into supramolecular coordination networks. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1882	3.6	12
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183	A bell-shaped Mn <sub>11</sub> Gd <sub>2</sub> single-molecule magnet. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 9248-9	16.4	278
182	Tautomerism in novel oxocorrologens. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 9824-33	4.8	16
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175	Dysprosium triangles showing single-molecule magnet behavior of thermally excited spin states. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1729-33	16.4	754
174	A ferromagnetically coupled Mn(II) aggregate with a record S=83/2 ground spin state. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4926-9	16.4	496
173	The Building-Block Assembly of a [Ni <sub>12</sub> Mn <sub>6</sub> ] Aggregate. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1927-1930	2.3	18
172	Dysprosium Triangles Showing Single-Molecule Magnet Behavior of Thermally Excited Spin States. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1761-1765	3.6	111
171	A Ferromagnetically Coupled Mn <sub>19</sub> Aggregate with a Record S=83/2 Ground Spin State. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 5048-5051	3.6	103

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166	Synthesis, lead lability and ring deformation of three 1,4,8,11,15,18,22,25-octasubstituted phthalocyaninato lead derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2006</b> , 10, 1202-1211	1.8	13
165	New valence-sandwich [Mn(II) <sub>4</sub> Mn(III) <sub>4</sub> Mn(II) <sub>4</sub> ] aggregate showing single-molecule magnet behavior. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 2376-8	5.1	38
164	Structures and magnetic behaviour of hydroxo-bridged Cr(III) aggregates: [Cr <sub>4</sub> (EDH) <sub>4</sub> (hpdta) <sub>2</sub> ] <sub>2</sub> and [Cr <sub>6</sub> (EDH) <sub>8</sub> (hpdta) <sub>2</sub> (en) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2006</b> , 25, 530-538	2.7	9
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162	Crystal structure and magnetic properties of a pseudo-cubic close-packed array of oxalate linked {Fe <sub>16</sub> (μ <sub>3</sub> -OH) <sub>6</sub> } <sup>6+</sup> clusters. <i>Dalton Transactions</i> , <b>2005</b> , 1381-6	4.3	18
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160	Iron(III) activation hits a [4 + 4] macrocycle. <i>Dalton Transactions</i> , <b>2005</b> , 429-32	4.3	17
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158	Synthesis and characterization of copper(II) complexes of 4-alkyl/aryl-1,2-naphthoquinones thiosemicarbazones derivatives as potent DNA cleaving agents. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 2023-2030 <sup>27</sup>	2.7	27
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