

# Annie K Powell

## List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9069632/annie-k-powell-publications-by-year.pdf>

Version: 2024-04-10

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.

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 Fe4-Ln2 (Ln = Tb, Ho, and Er) clusters with N, N, Ø Etetrakis-(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	Gd3 Triangles in a Polyoxometalate Matrix: Tuning Molecular Magnetocaloric Effects in {Gd30M8} Polyoxometalate/Cluster Hybrids Through Variation of M2+. <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 Anderson-Evans 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 Fe19 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	Gd3 Triangles in a Polyoxometalate Matrix: Tuning Molecular Magnetocaloric Effects in {Gd30M8} Polyoxometalate/Cluster Hybrids Through Variation of M2+. <i>Small Structures</i> , <b>2021</b> , 2, 2100052	8.7	2
521	Linear shaped hetero-metallic [Zn2Ln4] 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 Einzelmolekilmagneten 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 Synthon 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 ErIII Ions in the $[\text{Al}_2\text{Er}_2(\text{B-OH})_2(\text{pmide})_2(\text{p-Me-PhCO}_2)_6] \cdot 2\text{MeCN}$ 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 salicyloylhydrazone): 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 $[\text{Mn}_4(\text{H}_2\text{O})_2(\text{P}_2\text{W}_1\text{SO}_5)_6]_{16}^{\text{4-}}$ and $[\{\text{Dy}(\text{H}_2\text{O})_6\}_2\text{Mn}_4(\text{H}_2\text{O})_2(\text{P}_2\text{W}_1\text{O}_5)_6]_{10}^{\text{10-}}$ 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(dipyrinato) Zn Complexes Utilizing Symmetric and Unsymmetrical Dipyrins. <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 $\{\text{MIII}_2\text{DyIII}_2\}$ ( $\text{M} = \text{Cr, Mn, Fe, Al}$ ) "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: $[\text{Fe}(5\text{F-sal}2333)]\text{X}$ . <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>III</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/toroics. <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-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	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>x</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> S <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 {MIII4LnIII2} 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 <sup>2</sup> -diquaternised-3,3 <sup>2</sup> -biquinoxalinium 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 <sub>11</sub> La <sub>2</sub> 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 [FeIII(L)(X)2] (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 Metallocycles. <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 <sub>0</sub> f Metallocycles. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 15803-15807	3.6	13
435	Mixed-Valent Mn <sub>16</sub> -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 <sub>2</sub> III M <sub>4</sub> III} 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 <sup>5.1</sup>	29
421	A family of fourteen soluble stable macrocyclic [NiII3LnIII] heterometallic 3d4f 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
419	Peptoid-ligated pentadecanuclear yttrium and dysprosium hydroxy clusters. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2813-20	4.8 23
418	Size-dependent oxidation of monodisperse silicon nanocrystals with allylphenylsulfide surfaces. <i>Small</i> , <b>2015</b> , 11, 335-40	11 18
417	DNA binding and cytotoxicity activity of a chiral iron(III) triangle complex based on a natural rosin product. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 142, 77-85	6.7 23
416	Homometallic Fe(III)4 and Heterometallic {Fe(III)4Ln(III)2} (Ln = Dy, Tb) Complexes: Syntheses, Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 156-165	2.3 18
415	Is there a universal reaction mechanism of Li insertion into oxidic spinels: a case study using MgFe2O4. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1549-1561	13 27
414	Mononuclear and tetranuclear compounds of yttrium and dysprosium ligated by a salicylic schiff-base derivative: synthesis, photoluminescence, and magnetism. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 773-81 <sup>5.1</sup> 30	
413	Rücktitelbild: Selbstorganisation eines riesigen tetraedrischen 3d-4f-Einzelmolekülmagneten innerhalb eines Polyoxometallatsystems (Angew. Chem. 51/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15806-15806 <sup>2.6</sup>	
412	Peptoid-Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2713-2713	4.8 2
411	Selbstorganisation eines riesigen tetraedrischen 3d-4f-Einzelmolekülmagneten innerhalb eines Polyoxometallatsystems. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15795-15799	3.6 26
410	Lanthanides and Actinides in Molecular Magnetism. Herausgegeben von Richard A. Layfield und Muralee Murugesu.. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15544-15544	3.6
409	Influence of Guest Exchange on the Magnetization Dynamics of Dilanthanide Single-Molecule-Magnet Nodes within a Metal-Organic Framework. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9999-10003	3.6 19
408	Influence of Guest Exchange on the Magnetization Dynamics of Dilanthanide Single-Molecule-Magnet Nodes within a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9861-5	16.4 230
407	A Strongly Spin-Frustrated Fe(III) 7 Complex with a Canted Intermediate Spin Ground State of S=7/2 or 9/2. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10835-42	4.8 8
406	Self-Assembly of a Giant Tetrahedral 3 d-4 f Single-Molecule Magnet within a Polyoxometalate System. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15574-8	16.4 117
405	Tetradecanuclear Iron(III)-Oxo Nanoclusters Stabilized by Trilacunary Heteropolyanions. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6136-46	5.1 26

404	Characterisation and application of ultra-high spin clusters as magnetic resonance relaxation agents. <i>Dalton Transactions</i> , <b>2015</b> , 44, 5032-40	4.3	22
403	Influence of the metal salt on the self-assembly of isophthaloyl bis-alanine and Cu(II) ion. <i>Polyhedron</i> , <b>2015</b> , 89, 313-321	2.7	3
402	Silicon Nanocrystals: Size-Dependent Oxidation of Monodisperse Silicon Nanocrystals with Allylphenylsulfide Surfaces (Small 3/2015). <i>Small</i> , <b>2015</b> , 11, 262-262	11	
401	A temperature induced ferrocene-ferrocenium interconversion in a ferrocene functionalized B-O chromium carboxylate. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 381, 478-480	2.8	4
400	Reduction of Mn19 Coordination Clusters on a Gold Surface. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 3550-3555	3.8	13
399	Structural and magnetic properties of oxyquinolinate clusters of cobalt(II) and manganese(II) and serendipitous intake of carbonate during synthesis. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2964-9	4.3	10
398	A magnetically highly frustrated Cu(II)27 coordination cluster containing a Cu18 folded-sheet motif. <i>Chemical Communications</i> , <b>2015</b> , 51, 2702-5	5.8	14
397	An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. <i>Scientific Reports</i> , <b>2014</b> , 4, 5471	4.9	129
396	All-round robustness of the Mn19 coordination cluster system: experimental validation of a theoretical prediction. <i>Chemical Communications</i> , <b>2014</b> , 50, 5847-50	5.8	15
395	A novel example of double 6-exo-trig heterocyclization: nitrile conversion to new anticancer active (HeLa cells) primary amine ionic liquids. <i>Chemical Communications</i> , <b>2014</b> , 50, 4888-90	5.8	3
394	An octanuclear {Cu(II)4Dy(III)4} coordination cluster showing single molecule magnet behaviour from field accessible states. <i>Chemical Communications</i> , <b>2014</b> , 50, 1882-5	5.8	49
393	Synthesis, magnetism and Mössbauer studies of tetranuclear heterometallic {Fe(III)2Ln2}(Ln = Gd, Dy, Tb) complexes: evidence of slow relaxation of magnetization in the terbium analogue. <i>Dalton Transactions</i> , <b>2014</b> , 43, 16366-76	4.3	14
392	Spontaneous Resolution in Homochiral Helical [Ln(nic)2(Hnic)(NO3)] Coordination Polymers Constructed from a Rigid Non-chiral Organic Ligand. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 4729-4734	3.5	37
391	Magnetic analysis of a tetranuclear octahedral high-spin cobalt(II) complex based on a newly derived magnetic susceptibility equation. <i>Dalton Transactions</i> , <b>2014</b> , 43, 14542-5	4.3	8
390	Multinuclear cobalt(II)-containing heteropolytungstates: structure, magnetism, and electrochemistry. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5179-88	5.1	35
389	Enhancement of spin relaxation in an FeDy2 Fe coordination cluster by magnetic fields. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12381-4	4.8	8
388	Coordination Cluster Analogues of the High-Spin [Mn19] System with Functionalized 2,6-Bis(hydroxymethyl)phenol Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 4326-4334	2.3	11
387	Molecular iron(III) phosphonates: synthesis, structure, magnetism, and Mössbauer studies. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 8147-54	5.1	13

386	Structures, Magnetic Properties, and Photoluminescence of Dicarboxylate Coordination Polymers of Mn, Co, Ni, Cu Having N-(4-Pyridylmethyl)-1,8-naphthalimide. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 4735-4748	3.5	48
385	A heterometallic Fe(II)-Dy(III) single-molecule magnet with a record anisotropy barrier. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 12966-70	16.4	207
384	Synthesis and characterization of multinuclear manganese-containing tungstosilicates. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 5663-73	5.1	43
383	Substituent effects on spin state in a series of mononuclear manganese(III) complexes with hexadentate Schiff-Base ligands. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6022-33	5.1	45
382	Ein heterometallischer Fell-Dy(III)-Einzelmolekilmagnet mit Rekord-Anisotropiebarriere. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 13180-13184	3.6	30
381	Nuclear magnetic resonance relaxivities: investigations of ultrahigh-spin lanthanide clusters from 10 MHz to 1.4 GHz. <i>ChemPhysChem</i> , <b>2014</b> , 15, 3608-13	3.2	9
380	Structural Modification and Self-Assembly of Nanoscale Magnetite Synthesised in the Presence of an Anionic Surfactant. <i>EPJ Web of Conferences</i> , <b>2014</b> , 75, 05005	0.3	1
379	Unraveling the Influence of Lanthanide Ions on Intra- and Inter-Molecular Electronic Processes in Fe <sub>10</sub> Ln <sub>10</sub> Nano-Toruses. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 6280-6290	15.6	35
378	Dipolar ordering in a molecular nanomagnet detected using muon spin relaxation. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	4
377	Synthesis, magnetism, and electrochemistry of the Ni <sub>14</sub> - and Ni <sub>5</sub> -containing heteropolytungstates [Ni <sub>14</sub> (OH) <sub>6</sub> (H <sub>2</sub> O) <sub>10</sub> (HPO <sub>4</sub> ) <sub>4</sub> (P <sub>2</sub> W <sub>15</sub> O <sub>56</sub> ) <sub>4</sub> ] <sub>34</sub> - and [Ni <sub>5</sub> (OH) <sub>4</sub> (H <sub>2</sub> O) <sub>4</sub> (GeW <sub>9</sub> O <sub>34</sub> )(GeW <sub>8</sub> O <sub>30</sub> (OH))] <sub>13</sub> - . <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8399-408	5.1	70
376	Synthesis, crystal structure and magnetic studies of tetranuclear hydroxo and ligand bridged [Co <sub>4</sub> (β-OH) <sub>2</sub> (L-dea) <sub>2</sub> (L-L) <sub>4</sub> ]Cl <sub>8</sub> H <sub>2</sub> O [L-L = 2,2'-bipyridine or 1,10-phenanthroline] complexes with mixed valence defect dicubane core. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9513-22	4.3	27
375	looking inside a working SiLED. <i>Nano Letters</i> , <b>2013</b> , 13, 3539-45	11.5	27
374	Magnetic properties of five planar defect dicubanes of [Ln <sub>III</sub> 4(β-OH) <sub>2</sub> (L) <sub>4</sub> (HL) <sub>2</sub> ] <sub>2</sub> THF (Ln = Gd, Tb, Dy, Ho and Er). <i>Polyhedron</i> , <b>2013</b> , 66, 268-273	2.7	31
373	Synthesis, structure and magnetic properties of hexanuclear Col <sub>III</sub> Ln <sub>III</sub> clusters. <i>Polyhedron</i> , <b>2013</b> , 66, 257-263	2.7	22
372	Evidence of slow relaxation of magnetization in dysprosium-based ionic liquids. <i>Chemical Communications</i> , <b>2013</b> , 49, 9215-7	5.8	20
371	Para versus meta ligand substituents as a means of directing magnetic anisotropy in Fe <sub>2</sub> Dy <sub>2</sub> coordination clusters. <i>Chemical Communications</i> , <b>2013</b> , 49, 9666-8	5.8	37
370	Ringing the changes in Fe <sub>III</sub> /Yb <sub>III</sub> cyclic coordination clusters. <i>Chemical Science</i> , <b>2013</b> , 4, 4354	9.4	59
369	Synthesis and catalytic activity of iron complexes with bidentate NHC ligands. <i>Dalton Transactions</i> , <b>2013</b> , 42, 7404-13	4.3	30

368	Slow magnetic relaxation in four square-based pyramidal dysprosium hydroxo clusters ligated by chiral amino acid anions - a comparative study. <i>Dalton Transactions</i> , <b>2013</b> , 42, 14794-800	4.3	29
367	A self-assembled Cu(II)4 [2 ΙΙ] grid with organic radicals. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2371-81	4.3	19
366	Rolling up the sheet: constructing metal-organic lamellae and nanotubes from a [{Mn3(propanediolato)2}(dicyanamide)2] <sub>n</sub> honeycomb skeleton. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18276-9	16.4	34
365	Magnetic properties of a family of quaternary oxalates. <i>European Physical Journal B</i> , <b>2013</b> , 86, 1	1.2	6
364	Synthesis, Structure, and Magnetic Study of Two Tridecanuclear Planar Cobalt Clusters with Unique Core Geometries. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5534-5540	2.3	9
363	Electrochemical insertion of Li into nanocrystalline MnFe2O4: a study of the reaction mechanism. <i>RSC Advances</i> , <b>2013</b> , 3, 23001	3.7	29
362	Unprecedented chemical transformation: crystallographic evidence for 1,1,2,2-tetrahydroxyethane captured within an Fe(6)Dy(3) single molecule magnet. <i>Chemical Communications</i> , <b>2013</b> , 49, 1696-8	5.8	56
361	Ligand displacement for fixing manganese: relevance to cellular metal ion transport and synthesis of polymeric coordination complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2779-85	4.3	4
360	A Database of Topological Representations of Polynuclear Nickel Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 520-526	2.3	17
359	Trinuclear nickel-lanthanide compounds. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2445-50	4.3	12
358	Multicolor silicon light-emitting diodes (SiLEDs). <i>Nano Letters</i> , <b>2013</b> , 13, 475-80	11.5	241
357	Two pseudopolymorphs derived from alkaline earth metals and the pseudopeptidic ligand trimesoyl-tris-glycine. <i>Polyhedron</i> , <b>2013</b> , 52, 538-544	2.7	6
356	By design: a macrocyclic 3d-4f single-molecule magnet with quantifiable zero-field slow relaxation of magnetization. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 3236-40	5.1	66
355	Duplex structure facilitated by aqua ligand in a copper(II) coordination polymer. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 28, 81-84	3.1	2
354	The manganese(III)-containing tungstophosphate [MnIII <sub>3</sub> (H <sub>2</sub> O) <sub>5</sub> (A-PW9O <sub>34</sub> ) <sub>2</sub> ]9ΙΙΙPolyhedron, <b>2013</b> , 52, 461-466	2.7	28
353	Magnetic anisotropy and exchange coupling in a family of isostructural Fe(III)2Ln(III)2 complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8926-38	4.3	50
352	Energy Storage: CFx Derived Carbon@FeF <sub>2</sub> Nanocomposites for Reversible Lithium Storage (Adv. Energy Mater. 3/2013). <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 274-274	21.8	1
351	CFx Derived Carbon@FeF <sub>2</sub> Nanocomposites for Reversible Lithium Storage. <i>Advanced Energy Materials</i> , <b>2013</b> , 3, 308-313	21.8	63

350	Tetradecanuclear lanthanide-vanadium nanochocolates[catalytically-active cationic heteropolyoxovanadium clusters. <i>RSC Advances</i> , <b>2013</b> , 3, 6299]	3.7	10
349	Spins on a curved surface: an Fe(III)14 ferracalixarene. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9606-12	4.3	6
348	Magnetic interactions mediated by diamagnetic cations in [Mn18M] (M = Sr <sup>2+</sup> , Y <sup>3+</sup> , Cd <sup>2+</sup> , and Lu <sup>3+</sup> ) coordination clusters. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5764-74	5.1	18
347	Direct observation of the role of lanthanides in stabilizing a ferromagnetic spin orientation in a weak Fe(III)-Fe(III) antiferromagnet. <i>Chemical Communications</i> , <b>2013</b> , 49, 7385-7	5.8	21
346	Slow magnetic relaxation in tris(diphosphanylarnido) and tetra(phosphanoarnido) dysprosium complexes. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11471-5	4.3	9
345	Body-wing swapping in butterfly {Fe(III)2Ln(III)2} coordination clusters with triethylene glycol as ligand. <i>Dalton Transactions</i> , <b>2013</b> , 42, 46-9	4.3	28
344	Synthesis, magnetism, and 57Fe Mössbauer spectroscopic study of a family of [Ln3Fe7] coordination clusters (Ln = Gd, Tb, and Er). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11767-77	5.1	28
343	Catalytic "triangles": binding of iron in task-specific ionic liquids. <i>Chemical Communications</i> , <b>2013</b> , 49, 1915-7	5.8	33
342	[BMIm][Fe(OTf)3], [BMIm][Mn(OTf)3], [BMIm][Li(OTf)2] Three One-dimensional Infinite Coordination Polymers. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2013</b> , 68, 3-9	1	2
341	Synthesis, Crystal Structure, DNA Binding, Antibacterial, and Cytotoxic Activities of Two Chiral Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5919-5927	2.3	19
340	Effect of Ancillary Ligands in Hydrolysis of 1,8-Naphthalic Anhydride for Synthesis of Metallacycles of Co <sup>2+</sup> , Ni <sup>2+</sup> , and Zn <sup>2+</sup> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 2250-2257	1.3	5
339	Influence of particle size and fluorination ratio of CF <sub>x</sub> precursor compounds on the electrochemical performance of C-FeF <sub>2</sub> nanocomposites for reversible lithium storage. <i>Beilstein Journal of Nanotechnology</i> , <b>2013</b> , 4, 705-13	3	17
338	Spin relaxation in antiferromagnetic Fe-Fe dimers slowed down by anisotropic Dy(III) ions. <i>Beilstein Journal of Nanotechnology</i> , <b>2013</b> , 4, 807-14	3	15
337	A chiral tetrานuclear copper(II) complex based on a new Schiff-base ligand: Synthesis, structure, magnetic property and CD spectra. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 16, 51-54	3.1	16
336	Synthesis, structure and magnetic properties of neutral Ni (II) tri-tert-butoxysilanethiolate cluster. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 20, 66-69	3.1	6
335	Synthesis and characterization of pyruvate-isoniazid analogs and their copper complexes as potential ICL inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 3172-6	2.9	24
334	Monoesterase activity of a purple acid phosphatase mimic with a cyclam platform. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 1700-10	4.8	44
333	Coupling Dy <sub>3</sub> triangles to maximize the toroidal moment. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 12767-71	16.4	191

332	Using the flexible ligand bis(2-hydroxyethyl)amino-tris (hydroxymethyl)methane ("bis-tris") to access a family of 3d-4f Mn(II)4Ln4 complexes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 8333-9	4.3	15
331	In situ hydrothermal synthesis of dysprosium(III) single-molecule magnet with lanthanide salt as catalyst. <i>Dalton Transactions</i> , <b>2012</b> , 41, 5816-23	4.3	54
330	Coupling Dy3 Triangles to Maximize the Toroidal Moment. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 12939-12943	3.6	33
329	Self-assembly of a mononuclear [Fe(III)(L)(EtOH)2] complex bearing an n-dodecyl chain on solid highly oriented pyrolytic graphite surfaces. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16419-25	4.8	6
328	Heterometallic CuII/DyIII 1D chiral polymers: chirogenesis and exchange coupling of toroidal moments in trinuclear Dy3 single molecule magnets. <i>Chemical Science</i> , <b>2012</b> , 3, 1169	9.4	133
327	Spectroscopic characterization of the active Fe(III)Fe(III) and Fe(III)Fe(II) forms of a purple acid phosphatase model system. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12195-209	5.1	37
326	Assembling photoluminescent silicon nanocrystals into periodic mesoporous organosilica. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8439-46	16.4	47
325	Metal ion-assisted transformations of 2-pyridinealdoxime and hexafluorophosphate. <i>Dalton Transactions</i> , <b>2012</b> , 41, 2862-5	4.3	32
324	Photophysical properties of {[Au(CN)2]-}2 dimers trapped in a supramolecular electron-acceptor organic framework. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 1294-301	5.1	13
323	Synthesis, structures, and magnetic behavior of new anionic copper(II) sulfate aggregates and chains. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10983-9	5.1	14
322	Synthesis and characterization of isostructural tetranuclear lanthanide complexes [Ln4(B-OH)2(ampdH4)2(piv)10]·4CH3CN (Ln = Sm, Eu, Gd, Tb, Dy, Ho, Er). <i>Polyhedron</i> , <b>2012</b> , 41, 1-6	2.7	24
321	Synthesis and magnetic properties of a new family of macrocyclic M(II)3Ln(III) complexes: insights into the effect of subtle chemical modification on single-molecule magnet behavior. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10603-12	5.1	49
320	Systematic investigation into the influence of base and substituents on the coordination chemistry of MnIII and MnIII/II salicylate complexes. <i>Supramolecular Chemistry</i> , <b>2012</b> , 24, 533-546	1.8	2
319	A single-molecule magnet assembly exhibiting a dielectric transition at 470 K. <i>Chemical Science</i> , <b>2012</b> , 3, 3366	9.4	150
318	A family of dodecanuclear Mn11Ln single-molecule magnets. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 639-646	2.7	9
317	Ferromagnetic heteronuclear {Fe4(Er,Lu)2} cyclic coordination clusters based on ferric wheels. <i>Chemical Communications</i> , <b>2012</b> , 48, 9825-7	5.8	52
316	Supramolecular assemblies involving metal-organic ring interactions: heterometallic Cu(II)·Ln(III) two-dimensional coordination polymers. <i>CrystEngComm</i> , <b>2012</b> , 14, 1842	3.3	24
315	Pseudopeptidic ligands: exploring the self-assembly of isophthaloylbisglycine (H2IBG) and divalent metal ions. <i>Dalton Transactions</i> , <b>2012</b> , 41, 12501-13	4.3	5

314	Synthesis and Spectroscopic Characterisation of a Heterodinuclear Iron(III)-Copper(II) Complex Based on an Asymmetric Dinucleating Ligand System. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 4565-4569	2.3	8
313	Adsorption of [Mn19] Aggregates with S = 83/2 onto HOPG Surfaces. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 4131-4140	2.3	13
312	Coexistence of Distinct Single-Ion and Exchange-Based Mechanisms for Blocking of Magnetization in a CoII2DyIII2 Single-Molecule Magnet. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 7668-7672	3.6	55
311	Coexistence of distinct single-ion and exchange-based mechanisms for blocking of magnetization in a Co(II)2Dy(III)2 single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7550-4	16.4	248
310	From a Dy(III) single molecule magnet (SMM) to a ferromagnetic [Mn(II)Dy(III)Mn(II)] trinuclear complex. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9589-97	5.1	105
309	High-nucularity cobalt coordination clusters: Synthetic, topological and magnetic aspects. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 1246-1278	23.2	185
308	Contribution of spin and anisotropy to single molecule magnet behavior in a family of bell-shaped Mn11Ln2 coordination clusters. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12001-9	5.1	39
307	Effect of ligand substitution on the interaction between anisotropic Dy(III) ions and 57Fe nuclei in Fe2Dy2 coordination clusters. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 15335-7	16.4	77
306	Trigonal propeller-shaped [Mn(III)3M(II)Na] complexes (M = Mn, Ca): structural and functional models for the dioxygen evolving centre of PSII. <i>Dalton Transactions</i> , <b>2011</b> , 40, 2699-702	4.3	77
305	Strong axiality and Ising exchange interaction suppress zero-field tunneling of magnetization of an asymmetric Dy2 single-molecule magnet. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11948-51	16.4	604
304	A family of 13 tetrานuclear zinc(II)-lanthanide(III) complexes of a [3+3] Schiff-base macrocycle derived from 1,4-diformyl-2,3-dihydroxybenzene. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11425-32	4.3	71
303	Fine-tuning of lanthanide-monocarboxylate coordination networks through ligand decoration. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12210-6	4.3	10
302	NMR study of ligand exchange and electron self-exchange between oxo-centered trinuclear clusters [Fe3(B-O)(EO2CR)6(4-R'py)3](+/0). <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 10402-16	5.1	19
301	Salen-based coordination polymers of iron and the rare earth elements. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 12697-704	5.1	19
300	Single crystal EPR study at 95 GHz of a large Fe based molecular nanomagnet: toward the structuring of magnetic nanoparticle properties. <i>Dalton Transactions</i> , <b>2011</b> , 40, 8145-55	4.3	18
299	Heterometallic 20-membered {Fe16Ln4} (Ln = Sm, Eu, Gd, Tb, Dy, Ho) metallo-ring aggregates. <i>Dalton Transactions</i> , <b>2011</b> , 40, 4080-6	4.3	77
298	Pentacobalt(II) cluster based pcu network exhibits both magnetic slow-relaxation and hysteresis behaviour. <i>Dalton Transactions</i> , <b>2011</b> , 40, 27-30	4.3	50
297	Salen-based metal-organic frameworks of nickel and the lanthanides. <i>Chemical Communications</i> , <b>2011</b> , 47, 2035-7	5.8	48

296	Synthesis, characterization, and single-molecule metamagnetism of new Co(II) polynuclear complexes of pyridine-2-ylmethanol. <i>Dalton Transactions</i> , <b>2011</b> , 40, 10526-34	4.3	48
295	Structure and magnetic properties of hexanuclear 3d <sub>4</sub> f clusters with {Mn <sub>III</sub> 2Ln <sub>III</sub> 4} (Ln = Sm, Eu, Gd, Tb, Dy, Ho) core. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1851-1854	3.1	32
294	Novel lanthanide-based polymeric chains and corresponding ultrafast dynamics in solution. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11990-2000	5.1	45
293	A tetranuclear, macrocyclic 3d-4f complex showing single-molecule magnet behavior. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 4232-4	5.1	105
292	The supramolecular architecture of the second coordination sphere complex between the ammonia adduct of tris(pentafluorophenyl)borane and pyrimidine: Two interpenetrating chiral (10,3)-a (srs) nets assembled through hydrogen bonding. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 366, 380-383	2.7	1
291	From a Simple Pyrazole-Derived 1,2-Amino Alcohol to Mono- and Multinuclear Complexes by Tailoring Hydrogen Bond Patterns. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 1768-1775	2.3	1
290	Einzelmolek $\ddot{\text{u}}$ magnet aus Hexadecacobalt(II)-haltigem Polyoxometallat. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4805-4808	3.6	39
289	A symmetry-breaking spin-state transition in iron(III). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 896-900	16.4	93
288	Hexadecacobalt(II)-containing polyoxometalate-based single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4708-11	16.4	218
287	Antiferromagnetically coupled iron ions in a polynuclear Fe(II) -Dy complex: confirmation by variable-field (57) Fe M $\ddot{\text{s}}$ sbauer spectroscopy. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 123-8	4.8	48
286	High-spin cyclopentadienyl complexes: a single-molecule magnet based on the aryl-iron(II) cyclopentadienyl type. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4700-4	4.8	165
285	Combined use of magnetic susceptibility measurements and 57Fe M $\ddot{\text{s}}$ sbauer spectroscopy to determine the magnetic ground state of an Fe(III)16 cluster. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4366-70	4.8	19
284	A non-sandwiched macrocyclic monolanthanide single-molecule magnet: the key role of axiality. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4362-5	4.8	215
283	Inelastic neutron scattering on an Mn10 supertetrahedron: assessment of exchange coupling constants, ferromagnetic spin waves and an analogy to the H $\ddot{\text{o}}$ fel method. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 9094-106	4.8	12
282	Sodium and potassium salts of mono- and dianionic $\beta$ -iminopyridines. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 10814-9	4.8	16
281	Back Cover: A Non-sandwiched Macroyclic Monolanthanide Single-Molecule Magnet: The Key Role of Axiality (Chem. Eur. J. 16/2011). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4660-4660	4.8	
280	Simultaneous coordination of a ketone by two cadmium(II) ions and conversion to its gem-diolato(II) form. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 1057-1060	3.1	9
279	Peculiar structural findings in coordination chemistry of malonamide-N,N?-diacetic acid. <i>CrystEngComm</i> , <b>2011</b> , 13, 5872	3.3	16

278	Observation of slow relaxation of the magnetization and hysteresis loop in an antiferromagnetic ordered phase of a 2D framework based on Co(II) magnetic chains. <i>Chemical Communications</i> , <b>2011</b> , 47, 2859-61	5.8	61
277	Defect-dicubane Ni <sub>2</sub> Ln <sub>2</sub> (Ln = Dy, Tb) single molecule magnets. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11604-11	5.1	145
276	Influence of Metal Ion on Structural Motif in Coordination Polymers of the Pseudopeptidic Ligand Terephthaloyl-bis-beta-alaninate. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 3653-3662	3.5	34
275	Structural phase transition and magnetic properties of layered organic-inorganic hybrid compounds: p-Haloanilinium tetrachlorocuprate(II). <i>Polyhedron</i> , <b>2011</b> , 30, 1565-1570	2.7	79
274	The Role of the Nature of Pillars in the Structural and Magnetic Properties of Magnetic Pillared Clays. <i>Clays and Clay Minerals</i> , <b>2011</b> , 59, 547-559	2.1	1
273	Domain-wall spin dynamics in kagome antiferromagnets. <i>Physical Review Letters</i> , <b>2011</b> , 107, 257205	7.4	15
272	[Ln <sub>2</sub> (PhCO <sub>2</sub> ) <sub>6</sub> (MeOH) <sub>4</sub> ] (Ln = Pr, Nd, Gd): the effect of lanthanide radius on network dimensionality. <i>CrystEngComm</i> , <b>2010</b> , 12, 3008	3.3	13
271	An analysis of the role of Na <sup>+</sup> in the construction of metal organic frameworks possessing the chiral (10,3)-a (srs) topology. <i>Dalton Transactions</i> , <b>2010</b> , 39, 2449-50	4.3	13
270	Series of isostructural planar lanthanide complexes [Ln(III) <sub>4</sub> (μu <sub>3</sub> -OH) <sub>2</sub> (mdeaH) <sub>2</sub> (piv) <sub>8</sub> ] with single molecule magnet behavior for the Dy <sub>4</sub> analogue. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 8067-72	5.1	207
269	Family of Mn(III)(2)Ln(2)(μu <sub>4</sub> -O) compounds: syntheses, structures, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5293-302	5.1	67
268	Synthesis and Supramolecular Structure of a (5-(3-(1H-tetrazol-5-yl)phenyl)-1H-tetrazole) Cobalt Complex. <i>Bioinorganic Chemistry and Applications</i> , <b>2010</b> , 104329	4.2	
267	A family of 3d-4f octa-nuclear [Mn(III)(4)Ln(III)(4)] wheels (Ln = Sm, Gd, Tb, Dy, Ho, Er, and Y): synthesis, structure, and magnetism. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11587-94	5.1	124
266	An undecanuclear Fe(III) single-molecule magnet. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1-3	5.1	79
265	Trimethylsilylchalcogenolates of Co(II) and Mn(II): from mononuclear coordination complexes to clusters containing -ESiMe <sub>3</sub> moieties (E = S, Se). <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7289-97	5.1	18
264	Structural motifs and topological representation of Mn coordination clusters. <i>Chemical Society Reviews</i> , <b>2010</b> , 39, 2238-71	58.5	227
263	Magnetic coordination clusters and networks: synthesis and topological description. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2010</b> , 368, 1509-36	3	58
262	Synthesis, magnetic and photomagnetic study of new iron(II) spin-crossover complexes with ND <sub>4</sub> coordination sphere. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4856-68	4.3	41
261	Probing the magnetic ground state of the molecular dysprosium triangle with muon spin relaxation. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	25

260	Synthesis, structures and magnetic properties of a series of 3d-4f tetrานuclear Co(II) Ln(III) cubanes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4911-7	4.3	84
259	Structures and magnetic properties of Mn(III) Ln(III) aggregates with a "square-in-square" topology. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4918-27	4.3	74
258	New heterometallic [Mn(III)(4)Ln(III)(4)] wheels incorporating formate ligands. <i>Dalton Transactions</i> , <b>2010</b> , 39, 3375-7	4.3	50
257	Novel mixed-valent Co(II) Lo(III) Ln(III) aggregates with ligands derived from tris-(hydroxymethyl)aminomethane (Tris). <i>Dalton Transactions</i> , <b>2010</b> , 39, 4737-9	4.3	49
256	Structure and magnetic properties of a decanuclear Mn(II) Mn(III) Dy aggregate. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4740-3	4.3	24
255	Aggregation of dinuclear {Fe2hppta} units to form polynuclear oxy/hydroxy-bridged Fe(III) coordination complexes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 10279-85	4.3	11
254	Photo- and thermally-enhanced charge separation in supramolecular viologen hexacyanoferrate complexes. <i>CrystEngComm</i> , <b>2010</b> , 12, 94-99	3.3	49
253	[LnNa(PhCO <sub>2</sub> ) <sub>4</sub> ] (Ln = Ho, Dy): the first examples of chiral srs 3D networks constructed using the monotopic benzoate ligand. <i>Chemical Communications</i> , <b>2010</b> , 46, 2551-3	5.8	42
252	Spectroscopic, thermal and kinetic studies of coordination compounds of Zn(II), Cd(II) and Hg(II) with norfloxacin. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 102, 225-232	4.1	34
251	Anion-Dependent Facile Route to Magnetic Dinuclear and Dodecanuclear Cobalt Clusters. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 2229-2234	2.3	23
250	Pyrolysis of a three-dimensional Mn(II)/Mn(III) network to give a multifunctional porous manganese oxide material. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1158-62	4.8	33
249	Coordination chemistry without frontiers: a short analysis and applications of a new method for the description of closed coordination clusters. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7983-7	4.8	13
248	Magnetothermal studies of a series of coordination clusters built from ferromagnetically coupled {Mn(II) (4)Mn(III) (6)} supertetrahedral units. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12865-72	4.8	85
247	Ein achtkerniger [Cr(III)4Dy(III)4]-3d-4f-Einzelmolekilmagnet. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 7746-7750	3.6	23
246	Combined magnetic susceptibility measurements and <sup>57</sup> Fe Mössbauer spectroscopy on a ferromagnetic {Fe(III)4Dy4} ring. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5185-8	16.4	111
245	An octanuclear [Cr(III)4Dy(III)4] 3d-4f single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7583-7	16.4	231
244	Coupling Dy <sub>3</sub> triangles enhances their slow magnetic relaxation. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6352-6	16.4	354
243	Influence of the metal radius on the dimensionality of hydrogen-bonded metal supramolecular frameworks in the metal/p-BDTH2 (1,4-benzenedithietrazol-5-yl) reaction system. <i>Polyhedron</i> , <b>2010</b> , 29, 24-29	2.7	9

242	One-pot synthesis of an unusual manganese-lanthanide-ferrocene cluster: A combination of d-, f-metals and an organometallic fragment. <i>Polyhedron</i> , <b>2010</b> , 29, 244-247	2.7	20
241	Magnetic and structural studies of novel tetrnickel hydroxamates. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 899-904	2.7	4
240	Sunflower oil coating on the nanoparticles of iron(III) oxides. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 1402-1405	3.1	11
239	Syntheses, structures and electronic properties of zwitterionic iron(II) and cobalt(II) complexes featuring ambidentate tris(pyrazolyl)methanide ligands. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4350-4355	4.8	43
238	Modelling the magnetic behaviour of square-pyramidal Co(II)5 aggregates: tuning SMM behaviour through variations in the ligand shell. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 7413-22	4.8	84
237	Probing lanthanide anisotropy in Fe-Ln aggregates by using magnetic susceptibility measurements and $^{57}\text{Fe}$ Mössbauer spectroscopy. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 7278-82	4.8	91
236	Polymerisation of the dysprosium acetate dimer switches on single-chain magnetism. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 12566-70	4.8	114
235	Homo- and Heterovalent Polynuclear Cerium and Cerium/Manganese Aggregates. <i>Helvetica Chimica Acta</i> , <b>2009</b> , 92, 2507-2524	2	66
234	Supramolecular "double-propeller" dimers of hexanuclear Cu(II)/Ln(III) complexes: a $\{\text{Cu}3\text{Dy}3\}2$ single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 1614-9	16.4	186
233	Strategies towards single molecule magnets based on lanthanide ions. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 2328-2341	23.2	1289
232	Synthesis, structures and magnetic properties of heterometallic Mn <sub>2</sub> III Ln <sub>2</sub> III tetranuclear complexes. <i>Polyhedron</i> , <b>2009</b> , 28, 1698-1703	2.7	62
231	Syntheses, structures and magnetic studies of three heterometallic Fe <sub>2</sub> Ln 1D coordination polymers. <i>Polyhedron</i> , <b>2009</b> , 28, 1782-1787	2.7	15
230	The synthesis, structural characterization, magnetochemistry and Mössbauer spectroscopy of $[\text{Fe}_3\text{LnO}_2(\text{CCl}_3\text{COO})_8\text{H}_2\text{O}(\text{THF})_3]$ (Ln = Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Lu and Y). <i>Polyhedron</i> , <b>2009</b> , 28, 3017-3025	2.7	21
229	New penta-nuclear and hepta-nuclear iron(II, III) complexes with ferrocenedicarboxylic acid. <i>Polyhedron</i> , <b>2009</b> , 28, 3551-3555	2.7	11
228	2,6-Bis(hydroxymethyl)phenols for the synthesis of high-nucularity clusters. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 2296-2305	23.2	30
227	An approach to describing the topology of polynuclear clusters. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 2686-2697	23.2	78
226	Molecular magnets containing wheel motifs. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3396-407	5.1	84
225	Di-, tetra- and hexanuclear iron(III), manganese(II/III) and copper(II) complexes of Schiff-base ligands derived from 6-substituted-2-formylphenols. <i>Dalton Transactions</i> , <b>2009</b> , 1721-7	4.3	41

224	Magnetic titanium-pillared clays (Ti-M-PILC): Magnetic studies and Mössbauer spectroscopy. <i>Clays and Clay Minerals</i> , <b>2009</b> , 57, 433-443	2.1	7
223	[Cu(N3)(p-CPA)] <sub>n</sub> : a two dimensional network exhibiting spin reorientation. <i>CrystEngComm</i> , <b>2009</b> , 11, 2084	3.3	17
222	Family of heterometallic semicircular Mn(III)2Ln(III)3 strands. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3502-4	5.1	81
221	Influence of Water Ligands on Structural Diversity: From a One-Dimensional Linear Coordination Polymer to Three-Dimensional Ferrimagnetic Diamondoid MetalOrganic Frameworks. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 577-585	3.5	39
220	In situ ligand transformation in the synthesis of manganese complexes: mono-, tri- and a barrel-shaped tetradeca-nuclear Mn(II)14 aggregate. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 5177-86	5.1	37
219	Synthesis, electronic structure, and structural characterization of the new, "non-innocent" 4,5-dithio-catecholate ligand, its metal complexes, and their oxidized 4,5-dithio-o-quinone derivatives. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8830-44	5.1	12
218	Spin-canting and metamagnetic behavior in a new species from the hydrothermal Co(II)-trans-3-pyridylacrylate system. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9205-13	5.1	63
217	A [Mn18Dy] SMM resulting from the targeted replacement of the central MnII in the S = 83/2 [Mn19]-aggregate with DyIII. <i>Chemical Communications</i> , <b>2009</b> , 544-6	5.8	178
216	Synthesis and structure of an "iron-doped" copper selenide cluster molecule: [Cu30Fe2Se6(SePh)24(dppm)4]. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8977-84	5.1	18
215	Tridecanuclear [Mn(III)5Ln(III)8] complexes derived from N-(t)butyl-diethanolamine: synthesis, structures, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 6713-23	5.1	71
214	A Three-Dimensional Hydrogen-Bonded Network of Triiron(III) and Dilanthanum(III) Pivalate Complexes. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 1102	1.2	5
213	Inclusion of a well resolved T4(2)6(2) water tape in a H-bonded, (4,7)-binodal 3D network. <i>CrystEngComm</i> , <b>2009</b> , 11, 82-86	3.3	35
212	Reaction chemistry of 1,1'-ferrocene dicarboxylate towards M(ii) salts (M = Co, Ni, Cu): solid-state structure and electrochemical, electronic and magnetic properties of bi- and tetrametallic complexes and coordination polymers. <i>Dalton Transactions</i> , <b>2009</b> , 4499-508	4.3	35
211	Two edge-sharing MnII4MnIII6 supertetrahedra give an anisotropic S = 28 +/- 1 MnII6MnIII11 complex. <i>Dalton Transactions</i> , <b>2009</b> , 1901-3	4.3	39
210	Magnetostructural correlations in the tetranuclear series of {Fe3LnO2} butterfly core clusters: Magnetic and Mössbauer spectroscopic study. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	230
209	Ab initio study of the magnetic exchange coupling constants of a structural model [CaMn(3)(III)Mn(II)] of the oxygen evolving center in photosystem II. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 3900-9	3.6	20
208	Magnetic and 57Fe Mössbauer study of the single molecule magnet behavior of a Dy3Fe7 coordination cluster. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9345-55	5.1	90
207	An in-depth study on hydrogen-bonded 3-D frameworks possessing hydrophobic layers and hydrophilic pillars. <i>CrystEngComm</i> , <b>2009</b> , 11, 2480	3.3	6

206	Ferrimagnetic [Coll3(micro3-OH)2(RCO2)4] chains embedded in a laminar hybrid material exhibiting single-chain magnet behaviour. <i>Dalton Transactions</i> , <b>2009</b> , 1897-900	4.3	60
205	One-dimensional Cu(II) coordination polymers: tuning the structure by modulating the Carboxylate arm lengths of polycarboxylate ligands. <i>CrystEngComm</i> , <b>2009</b> , 11, 1089	3.3	20
204	Opening up a dysprosium triangle by ligand oxidation. <i>Chemical Communications</i> , <b>2009</b> , 6765-7	5.8	159
203	Salen-based infinite coordination polymers of nickel and copper. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 10483-5	5.1	37
202	Anion-perturbed magnetic slow relaxation in planar {Dy4} clusters. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10813-5	5.1	233
201	Pentanuclear dysprosium hydroxy cluster showing single-molecule-magnet behavior. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 6581-3	5.1	259
200	Coordination chemistry of a pi-extended, rigid and redox-active tetrathiafulvalene-fused Schiff-base ligand. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3452-9	5.1	73
199	Spin chirality in a molecular dysprosium triangle: the archetype of the noncollinear Ising model. <i>Physical Review Letters</i> , <b>2008</b> , 100, 247205	7.4	256
198	Nanostructured microspheres of MnO <sub>2</sub> formed by room temperature solution processing. <i>Chemical Communications</i> , <b>2008</b> , 383-5	5.8	28
197	Assessment of the anisotropy in the molecule Mn19 with a high-spin ground state S = 83/2 by 35 GHz electron paramagnetic resonance. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3486-8	5.1	43
196	A new class of 3-D porous framework: [Ln(H <sub>2</sub> O) <sub>n</sub> ] <sup>3+</sup> ions act as pillars between stacked and H-bonded sheets of (m-BDTI) <sub>2</sub> organic anions in [Ln(H <sub>2</sub> O) <sub>n</sub> ](m-BDTI) <sub>3</sub> (H <sub>2</sub> O) (Ln = Pr, n = 9; Ln = Gd, n = 8). <i>CrystEngComm</i> , <b>2008</b> , 10, 1117	3.3	32
195	Cleavage of P-S bonds and oxygenation by a trinuclear iron carboxylate: synthesis and structures of iron clusters containing group 15/16 anions. <i>Dalton Transactions</i> , <b>2008</b> , 1136-9	4.3	9
194	Concentric Archimedean polyhedra: Mn(III)12Mn(II)9 aggregates linked into a cubic network. <i>Chemical Communications</i> , <b>2008</b> , 5698-700	5.8	33
193	Twisted, Two-Faced Porphyrins as Hosts for Bispyridyl Fullerenes: Construction and Photophysical Properties. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 10559-10572	3.8	30
192	Decomposition of dinuclear manganese complexes for the preparation of nanostructured oxide materials. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8306-14	5.1	19
191	Drei Heterocubanartige (MII <sub>4</sub> O <sub>4</sub> )-Typ Verbindungen (M = FeII, CoII, NiII). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 1880-1886	1.3	10
190	On the way to the magneto-optical characterization of trinuclear CuII CuII CuII bis(oxamato) complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 2063-2063	1.3	
189	Heterometallic [Mn <sub>5</sub> -Ln <sub>4</sub> ] single-molecule magnets with high anisotropy barriers. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 3577-84	4.8	250

188	Heterometallic M <sub>2</sub> Cr <sub>4</sub> (MII = Sr, Pb) Clusters Assembled by Tris(β-aqua) Bridges. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1778-1783	2.3	13
187	Synthesis, structure and magnetic properties of unsymmetrical dodecanuclear Mn <sub>12</sub> In clusters. <i>Polyhedron</i> , <b>2008</b> , 27, 2459-2463	2.7	35
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 <sup>III</sup> complexes via hydrogen bonded water molecules into supramolecular coordination networks. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1882	3.6	12
184	Bifunctional ligand approach for constructing 3d-4f heterometallic clusters. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7229-31	5.1	81
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
181	Synthesis, characterization and magnetic properties of new homotrinuclear copper(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3475-3483	2.7	30
180	Synthesis, characterization, and magnetic properties of new homotrinuclear bis(oxamato)copper(II) complexes with an asymmetric central N,N'-bridge. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3777-3784	2.7	17
179	Odd-numbered Fe(III) complexes: synthesis, molecular structure, reactivity, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 756-66	5.1	89
178	High-nucularity 3d-4f [Fe <sup>III</sup> <sub>15</sub> Ln <sup>III</sup> <sub>8</sub> ] complexes: synthesis, structure and magnetic properties. <i>Dalton Transactions</i> , <b>2007</b> , 5245-7	4.3	63
177	Modelling calcium carbonate biomineralisation processes. <i>Journal of Inorganic Biochemistry</i> , <b>2006</b> , 100, 1128-38	4.2	29
176	Dynamic chemical devices: photoinduced electron transfer and its ion-triggered switching in nanomechanical butterfly-type bis(porphyrin)terpyridines. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 1934-40	4.8	50
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(19) 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

170	Evidence for spin-wave excitations in the long-range magnetically ordered state of a Fe19 molecular crystal from proton NMR. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	15
169	Structure of sodium bis(N-methyl-iminodiacetato)iron(III): trans-meridional N-coordination in the solid state and in solution. <i>Dalton Transactions</i> , <b>2006</b> , 5506-14	4.3	12
168	Enhancing single molecule magnet parameters. Synthesis, crystal structures and magnetic properties of mixed-valent Mn4 SMMs. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 2579-2586	78	
167	Synthesis, molecular characterization, and biological activity of novel synthetic derivatives of chromen-4-one in human cancer cells. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 3800-8	8.3	105
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)4Mn(III)4Mn(II)4] 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 CrIII aggregates: [Cr4(OH)4(hpdta)2]2 <sup>+</sup> and [Cr6(OH)8(hpdta)2(en)2]. <i>Polyhedron</i> , <b>2006</b> , 25, 530-538	2.7	9
163	A series of new structural models for the OEC in photosystem II. <i>Chemical Communications</i> , <b>2006</b> , 2650-2658	110	
162	Crystal structure and magnetic properties of a pseudo-cubic close-packed array of oxalate linked {FeII6(mu3-OH)6}6+ clusters. <i>Dalton Transactions</i> , <b>2005</b> , 1381-6	4.3	18
161	Formal encapsulation of [Fe(H2O)6](3+) by {Fe2(hpdta)} units gives a system of S= 13/2 Fe(III)9 oxo clusters showing magnetic hysteresis. <i>Chemical Communications</i> , <b>2005</b> , 2098-100	5.8	34
160	Iron(III) activation hits a [4 + 4] macrocycle. <i>Dalton Transactions</i> , <b>2005</b> , 429-32	4.3	17
159	What makes a single molecule magnet?. <i>Polyhedron</i> , <b>2005</b> , 24, 2864-2869	2.7	33
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	27	
157	Iron(II) Formate [Fe(O2CH)2]1/3HCO2H: A Mesoporous Magnet [Solvo]thermal Syntheses and Crystal Structures of the Isomorphous Framework Metal(II) Formates [M(O2CH)2]n(Solvent) (M = Fe, Co, Ni, Zn, Mg). <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 692-703	2.3	94
156	Hierarchical assembly of {Fe13} oxygen-bridged clusters into a close-packed superstructure. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6678-82	16.4	75
155	Supramolecular coordination assemblies of dinuclear Fe(III) complexes. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 4187-92	16.4	47
154	Thermolysis of a hybrid organic-inorganic supramolecular coordination assembly: templating the formation of nanostructured fibrous materials and carbon-based microcapsules. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7048-53	16.4	42
153	Hierarchical Assembly of {Fe13} Oxygen-Bridged Clusters into a Close-Packed Superstructure. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6836-6840	3.6	18

152	Supramolecular Coordination Assemblies of Dinuclear Fe(II) Complexes. <i>Angewandte Chemie, 2005</i> , 117, 4259-4264	3.6	8
151	Thermolysis of a Hybrid Organic-Inorganic Supramolecular Coordination Assembly: Templating the Formation of Nanostructured Fibrous Materials and Carbon-Based Microcapsules. <i>Angewandte Chemie, 2005</i> , 117, 7210-7215	3.6	5
150	Structural characterization of artificial self-assembling porphyrins that mimic the natural chlorosomal bacteriochlorophylls c, d, and e. <i>Chemistry - A European Journal, 2005</i> , 11, 2267-75	4.8	79
149	Possible strong symmetric hydrogen bonding in disodium trihydrogen bis(2,2'-oxydiacetate) nitrate. <i>Acta Crystallographica Section E: Structure Reports Online, 2005</i> , 61, m1174-m1177		4
148	Solvothermal Synthesis and Crystal Structure of One-Dimensional Chains of Anhydrous Zinc and Magnesium Formate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005</i> , 631, 2365-2370	1.3	35
147	Polycopper(II) aggregates as building blocks for supramolecular magnetic structures. <i>Journal of Physics and Chemistry of Solids, 2004</i> , 65, 667-676	3.9	22
146	Effects of intercluster coupling in high spin molecular magnets. <i>Journal of Physics and Chemistry of Solids, 2004</i> , 65, 745-748	3.9	12
145	A novel mixed-ligand antimycobacterial dimeric copper complex of ciprofloxacin and phenanthroline. <i>Bioorganic and Medicinal Chemistry Letters, 2004</i> , 14, 3027-32	2.9	133
144	A new type of oxygen bridged Cu(II)36 aggregate formed around a central [KCl6]5- unit. <i>Chemical Communications, 2004</i> , 1598-9	5.8	28
143	Biomimetic assembly of calcite microtrumpets: crystal tectonics in action. <i>Chemical Communications, 2004</i> , 918-9	5.8	36
142	A novel nonanuclear Cu(II) carboxylate-bridged cluster aggregate with an S= 7/2 ground spin state. <i>Chemical Communications, 2004</i> , 740-1	5.8	21
141	Structure and magnetic properties of a giant Cu44II aggregate which packs with a zeotypic superstructure. <i>Inorganic Chemistry, 2004</i> , 43, 7269-71	5.1	84
140	The building block approach to extended solids: 3,5-pyrazoledicarboxylate coordination compounds of increasing dimensionality. <i>Dalton Transactions, 2004</i> , 852-61	4.3	86
139	Synthesis and magnetism of oxygen-bridged tetranuclear defect dicubane Co(II) and Ni(II) clusters. <i>Dalton Transactions, 2004</i> , 2670-6	4.3	85
138	Highly nonplanar, electron deficient, N-substituted tetra-oxocyclohexadienylidene porphyrinogens: structural, computational, and electrochemical investigations. <i>Journal of Organic Chemistry, 2004</i> , 69, 5861-9	4.2	56
137	Intra and intermolecular magnetic interactions in a series of dinuclear Cu(II)/hxta complexes [H5hxta = N,N'-(2-hydroxy-1,3-xylylene)-bis-(N-carboxymethylglycine)]: correlation of magnetic properties with geometry. <i>Inorganic Chemistry, 2004</i> , 43, 5931-43	5.1	61
136	The isotropic and anisotropic interactions of the alternating ferromagnetic quasi-one-dimensional magnet [Cu4(ndpa)2(H2O)6Cl2]·4H2O. <i>Journal of Physics Condensed Matter, 2003</i> , 15, 4477-4486	1.8	
135	Antimycobacterial activity of mixed-ligand copper quinolone complexes. <i>Transition Metal Chemistry, 2003</i> , 28, 579-584	2.1	19

134	Solvothermal Synthesis and Structure of Anhydrous Manganese(II) Formate, and Its Topotactic Dehydration from Manganese(II) Formate Dihydrate. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 2283-2289	2.3	62
133	Synthesis and characterization of copper(II) complexes of pyridine-2-carboxamidrazones as potent antimalarial agents. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 349, 23-29	2.7	24
132	Transition metal complexes of buparvaquone as potent new antimalarial agents. 1. Synthesis, X-ray crystal-structures, electrochemistry and antimalarial activity against <i>Plasmodium falciparum</i> . <i>Journal of Inorganic Biochemistry</i> , <b>2003</b> , 95, 249-58	4.2	29
131	Transition metal complexes of phenanthrenequinone thiosemicarbazone as potential anticancer agents: synthesis, structure, spectroscopy, electrochemistry and in vitro anticancer activity against human breast cancer cell-line, T47D. <i>Journal of Inorganic Biochemistry</i> , <b>2003</b> , 95, 306-14	4.2	137
130	Structural chemistry and In vitro antitubercular activity of acetylpyridine benzoyl hydrazone and its copper complex against <i>Mycobacterium smegmatis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2003</b> , 13, 51-5	2.9	125
129	Antiferromagnetic three-dimensional order induced by carboxylate bridges in a two-dimensional network of $[\text{Cu}_3(\text{dcp})_2(\text{H}_2\text{O})_4]$ trimers. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 3492-500	5.1	87
128	Cation-pi binding of an alkali metal ion by pendant alpha,alpha-dimethylbenzyl groups within a dinuclear iron(III) structural unit. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 11142-3	16.4	31
127	A new series of layered transition metal oxalates: hydrothermal synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , <b>2003</b> , 2478	4.3	30
126	Untersuchung von Hydrolysereaktionen zum Aufbau von Eisen(III)-Oxo-Aggregaten. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2002</b> , 628, 2443-2457	1.3	26
125	Hydrothermal synthesis, crystal structure, spectroscopy, electrochemistry and antimycobacterial evaluation of the copper (II) ciprofloxacin complex: $[\text{Cu}(\text{cf})_2(\text{BF}_4)_2] \cdot 6\text{H}_2\text{O}$ . <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 1022-1027	3.1	38
124	Metal complexes of carboxamidrazone analogs as antitubercular agents. 1. Synthesis, X-ray crystal-structures, spectroscopic properties and antimycobacterial activity against <i>Mycobacterium tuberculosis H(37)Rv</i> . <i>Journal of Inorganic Biochemistry</i> , <b>2002</b> , 90, 127-36	4.2	30
123	Synthesis and characterisation of uranyl substituted malonato complexes. <i>Polyhedron</i> , <b>2002</b> , 21, 69-79	2.7	25
122	Synthesis and characterisation of uranyl substituted malonato complexes: Part II: $^{13}\text{C}$ CPMAS NMR spectroscopy related to structural diversity. <i>Polyhedron</i> , <b>2002</b> , 21, 81-96	2.7	21
121	1,4-Bis-(4-toluenesulphonyl)-1,4,7,10-tetraazacyclododecane from the direct tosylation of 1,4,7,10-tetraazacyclododecane. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 7301-7302	2	2
120	Synthesis, structures and properties of hydrolytic Al(III) aggregates and Fe(III) analogues formed with iminodiacetate-based chelating ligands. <i>Coordination Chemistry Reviews</i> , <b>2002</b> , 228, 115-126	23.2	58
119	Biomimetic hydrolytic activation by Fe(III) aggregates: structures, reactivity and properties of novel oxo-bridged iron complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2002</b> , 91, 173-89	4.2	29
118	Comparative studies on copper(I) complexes: synthesis, X-ray crystallography and electrochemical properties of $[\text{Cu}_1(\text{dafone})_n\text{X}]$ complexes (dafone=4,5-diaza-fluoren-9-one, X=Br, I, SCN). <i>Inorganica Chimica Acta</i> , <b>2002</b> , 332, 167-175	2.7	25
117	Ferromagnetic interactions mediated by syn/anti carboxylate bridging in tetranuclear copper(II) compounds. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 337, 328-336	2.7	62

116	Optical detection of spin polarization in single-molecule magnets [Mn(12)O(12)(O(2)CR)(16)(H(2)O)(4)]. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 9219-28	16.4	64
115	Engineering of ferrimagnetic Cu12-cluster arrays through supramolecular interactions. <i>Chemical Communications</i> , <b>2002</b> , 1054-5	5.8	31
114	Strategies for producing cluster-based magnetic arrays. <i>Polyhedron</i> , <b>2001</b> , 20, 1687-1697	2.7	38
113	Hydrothermal Synthesis, Structure, and Magnetism of [Co2(OH){1,2,3-(O2C)3C6H3}(H2O)]?H2O and [Co2(OH){1,2,3-(O2C)3C6H3}]: Magnetic Chains with Mixed Cobalt Geometries. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 1974-1977	3.6	21
112	[Al15(B-O)4(B-OH)6(BOH)14(hpdta)4]3-Ein neuartiges Al15-Aggregat mit Zeolith-typischer supramolekularer Struktur. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 3689-3693	3.6	19
111	Hydrothermal synthesis, X-ray structure and complex magnetic behaviour of Ba4(C2O4)Cl2[[Fe(C2O4)(OH)]4]. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 200-8	4.8	38
110	Hydrothermal Synthesis, Structure, and Magnetism of [Co2(OH){1,2,3-(O2C)3C6H3}(H2O)]?H2O and [Co2(OH){1,2,3-(O2C)3C6H3}]: Magnetic Chains with Mixed Cobalt Geometries. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1920-1923	16.4	176
109	[Al(15)(&mgr;(3)-O)(4)(&mgr;(3)-OH)(6)(&mgr;-OH)(14)(hppta)(4)](3)-A New Al(15) Aggregate Which Forms a Supramolecular Zeotype H(5)hppta=HOCH(2)[CH(2)N(CH(2)COOH)(2)](2).. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 3577-3581	16.4	39
108	Ni(II), Cu(II) and Zn(II) complexes of a bifunctional bis(picollyl)amine (bpa) ligand derived from glycine. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 314, 126-132	2.7	29
107	Copper complexes of carboxamidrazone derivatives as anticancer agents. 3. Synthesis, characterization and crystal structure of [Cu(appc)Cl2], (appc=N1-(2-acetylpyridine)pyridine-2-carboxamidrazone). <i>Inorganica Chimica Acta</i> , <b>2001</b> , 319, 90-94	2.7	25
106	Spin frustration and concealed asymmetry: structure and magnetic spectrum of [Fe3O(O2CPh)6(py)3]ClO4·py. <i>Dalton Transactions RSC</i> , <b>2001</b> , 862-866	57	
105	Solvothermal synthesis of [Cr10(O2CMe)10(OR)20] chromic wheels with antiferromagnetic (R = Et) and ferromagnetic (R = Me) Cr(III)/Cr(III) interactions. <i>Chemical Communications</i> , <b>2001</b> , 89-90	5.8	60
104	New molybdenum(V) analogues of Amavadin and their redox properties. <i>Dalton Transactions RSC</i> , <b>2001</b> , 3108-3114	17	
103	Alkali Metal Tempered Assembly of an Iron Trigonal Prism. <i>European Journal of Inorganic Chemistry</i> , <b>2000</b> , 2000, 1407-1410	2.3	12
102	A one-dimensional assembly of copper(II) polyhedra via dual use of hydrogen-bonding and π interaction. <i>Inorganic Chemistry Communication</i> , <b>2000</b> , 3, 415-419	3.1	24
101	Synthesis, spectroscopic, and X-ray crystallographic characterisation of thorium(IV) and uranium(IV) malonato and substituted malonato compounds. <i>Polyhedron</i> , <b>2000</b> , 19, 1757-1767	2.7	27
100	Towards nanostructured arrays of single molecule magnets: new Fe19 oxyhydroxide clusters displaying high ground state spins and hysteresis. <i>Dalton Transactions RSC</i> , <b>2000</b> , 1835-1840	183	
99	Vanadium(V) Complexes of O,N,O-Donor Tridentate Ligands Containing the {VVO(OMe)}2+ Unit: Syntheses, Structures and Properties. <i>Journal of Coordination Chemistry</i> , <b>2000</b> , 51, 55-66	1.6	47

98	Hydrothermal synthesis, structure, stability and magnetism of Na <sub>2</sub> Co <sub>2</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> : a new metal oxalate ladder. <i>Dalton Transactions RSC</i> , <b>2000</b> , 3566-3569		58
97	Trithiacyclononane as a ligand for potential technetium and rhenium radiopharmaceuticals: synthesis of [M(9S3)(SC <sub>2</sub> H <sub>4</sub> SC <sub>2</sub> H <sub>4</sub> S)][BF <sub>4</sub> ] (M = <sup>99</sup> Tc, Re, <sup>188</sup> Re) via C-S bond cleavage. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 4093-8	5.1	45
96	Solvothermal construction of a coordination polymer around in situ generated pyroglutamic acid: preparation, crystal structure, and magnetic behavior of [Mn(C <sub>5</sub> H <sub>6</sub> NO <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> . <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3705-7	5.1	35
95	Half-sandwich complexes of titanium and zirconium with pendant phenyl substituents. The influence of ansa-aryl coordination on the polymerisation activity of half-sandwich catalysts. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 592, 84-94	2.3	52
94	Hydrothermal crystallisation and X-ray structure of anhydrous strontium oxalate. <i>Polyhedron</i> , <b>1999</b> , 18, 2499-2503	2.7	28
93	Crystallization and preliminary X-ray crystallographic analysis of a periplasmic tetrahaem flavocytochrome c <sub>3</sub> from Shewanella frigidimarina NCIMB400 which has fumarate reductase activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>1999</b> , 55, 1222-5		4
92	Dissimilatory Fe(III) reduction by Clostridium beijerinckii isolated from freshwater sediment using Fe(III) maltol enrichment. <i>FEMS Microbiology Letters</i> , <b>1999</b> , 176, 131-8	2.9	107
91	Synthesis and coordination chemistry of 1-phenyl-1-phospho-4,7-dithiacyclononane. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 294, 170-178	2.7	13
90	A bioinspired approach to control over size, shape and function of polynuclear iron compounds. <i>Coordination Chemistry Reviews</i> , <b>1999</b> , 190-192, 1067-1083	23.2	20
89	Solvothermal Synthese des verkanteten Antiferromagneten {K <sub>2</sub> [CoO <sub>3</sub> PCH <sub>2</sub> N(CH <sub>2</sub> CO <sub>2</sub> ) <sub>2</sub> ]} <sub>6</sub> ?x H <sub>2</sub> O. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 1158-1160	3.6	4
88	Solvothermal Synthesis of the Canted Antiferromagnet {K <sub>2</sub> [CoO <sub>3</sub> PCH <sub>2</sub> N(CH <sub>2</sub> CO <sub>2</sub> ) <sub>2</sub> ]}6 ?x H <sub>2</sub> O. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1088-90	16.4	120
87	Complexation of aluminium(III) with 3-hydroxy-2(1H)-pyridinone. Solution state study and crystal structure of tris(3-hydroxy-2(1H)-pyridinonato)aluminium(III). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 2427-2432		15
86	Cationic zirconocene complexes with benzyl and Si(SiMe <sub>3</sub> ) <sub>3</sub> substituted cyclopentadienyl ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 43-50		26
85	New type of metal squarates. Magnetic and multi-temperature X-ray study of di-hydroxy( $\mu$ 6-squarato)manganese. <i>Chemical Communications</i> , <b>1999</b> , 1561-1562	5.8	43
84	Characterization of a flavocytochrome that is induced during the anaerobic respiration of Fe <sup>3+</sup> by Shewanella frigidimarina NCIMB400. <i>Biochemical Journal</i> , <b>1999</b> , 342, 439	3.8	15
83	Large metal clusters and lattices with analogues to biology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>1999</b> , 357, 3099-3118	3	36
82	Characterization of a flavocytochrome that is induced during the anaerobic respiration of Fe <sup>3+</sup> by Shewanella frigidimarina NCIMB400. <i>Biochemical Journal</i> , <b>1999</b> , 342 ( Pt 2), 439-48	3.8	18
81	Anion dependent deprotection of a thioether group in Schiff base NS <sub>2</sub> ligands results in new mononuclear and dinuclear thiolato nickel complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 3495-3500		33

80	Structural characterisation and bioconjugation of an active ester containing oxorhenium(V) complex incorporating a thioether donor. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 3087-3092 <sup>12</sup>			
79	Formation and X-ray structure of a novel water-soluble tertiary Secondary phosphine complex of ruthenium(II): [Ru{P(CH <sub>2</sub> OH) <sub>3</sub> } <sub>2</sub> {P(CH <sub>2</sub> OH) <sub>2</sub> H} <sub>2</sub> Cl <sub>2</sub> ]. <i>Chemical Communications</i> , <b>1998</b> , 1107-1108	5.8	21	
78	Electron Localization and Delocalization in Mixed-Valence Transition Metal Clusters: Structural and Spectroscopic Studies of Oxo-Centered Trinuclear Complexes [Fe <sub>3</sub> O(OOCCMe <sub>3</sub> ) <sub>6</sub> (py) <sub>3</sub> ] <sup>+/0</sup> and [Mn <sub>3</sub> O(OOCCMe <sub>3</sub> ) <sub>6</sub> (py) <sub>3</sub> ] <sup>+/0</sup> . <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 1913-1921	5.1	108	
77	Unusual Nitrite Complexes of Iron(III) and Iron(II) Stabilized by the Tris(3,5-dimethylpyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 746-750	5.1	12	
76	Biomimetic control of iron oxide and hydroxide phases in the iron oxalate system*. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 4061-4068			28
75	Synthesis, characterization and crystal structure of[(Hdmpz){HB(dmpz) <sub>3</sub> }VO(μ- $\text{C}_5\text{H}_4\text{CO}_2$ )Fe( $\text{C}_5\text{H}_5$ )]. (Hdmpz = 3,5-dimethylpyrazole). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 1201-1204			16
74	Diphosphine bifunctional chelators for low-valent metal ions. Crystal structures of the copper(I) complexes [CuCL <sub>12</sub> ]and [CuL <sub>12</sub> ][PF <sub>6</sub> ][L <sub>1</sub> = 2,3-bis(diphenylphosphino)maleicanhydride]. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 855-862			18
73	Dinuclear iron(III)-metal(II) complexes as structural core models for purple acid phosphatases. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 4011-4018			68
72	Synthesis and Characterization of Isostructural Metalloporphyrin Chalconitrosyl Complexes Ru(TTP)(NE)Cl (E = O, S) and a Remarkable Thionitrosyl/Nitrite --> Nitrosyl/Thiazate Transformation. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 1992-1993	5.1	35	
71	Crystal Structures of the Isomorphous Prototypic Oxo-Centered Trinuclear Complexes [Cr(3)O(OOCCH(3))(6)(H <sub>2</sub> O)(3)]Cl.6H <sub>2</sub> O and [Fe(3)O(OOCCH(3))(6)(H <sub>2</sub> O)(3)]Cl.6H <sub>2</sub> O. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 1265-1267	5.1	49	
70	Two Crystal Structures Towards the Discotic Columnar Mesophase of (1,4,8,11,15,18,22,25-Octahexylphthalocyaninato)nickel. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1997</b> , 53, 231-240			17
69	Two crystal structures towards the discotic columnar mesophase of (1,4,8,11,15,18,22,25-octahexylphthalocyaninato)nickel. Erratum. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1997</b> , 53, 568-568			2
68	Hydrothermal Synthesis of Microporous Transition Metal Squares: Preparation and Structure of [CO <sub>3</sub> ( $\text{B-OH}$ ) <sub>2</sub> (C <sub>4</sub> O <sub>4</sub> ) <sub>2</sub> ] $\text{BH}_2\text{O}$ . <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 991-992			88
67	Electron Transfer Induced C?S Bond Cleavage in Rhenium and Technetium Thioether Complexes: Structural and Chemical Evidence for Back-Donation to C?S $\pi$ Orbitals. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1205-1207			47
66	Hydrothermalsynthese mikroporöser Bergangs-metallquadratate: Herstellung und Struktur von [Co <sub>3</sub> ( $\text{B-OH}$ ) <sub>2</sub> (C <sub>4</sub> O <sub>4</sub> ) <sub>2</sub> ] $\text{BH}_2\text{O}$ . <i>Angewandte Chemie</i> , <b>1997</b> , 109, 1028-1029	3.6	9	
65	Polyiron oxides, oxyhydroxides and hydroxides as models for biomineralisation processes. <i>Structure and Bonding</i> , <b>1997</b> , 1-38	0.9	30	
64	Non-steady-state photoelectromotive force in semiconductor photorefractive crystals biased by dc field. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>1996</b> , 13, 2278	1.7	11	
63	Crystal structure and solution-state study of K[Al(mal) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] $\text{H}_2\text{O}$ (H <sub>2</sub> mal = malonic acid). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 1601-1606			16

62	Engineering coordination architecture by hydrothermal synthesis; preparation, X-ray crystal structure and magnetic behaviour of the coordination solid $[\text{Mn}_3\{\text{C}_6\text{H}_3(\text{CO}_2)_3\text{-}1,3,5\}]_2$ . <i>Chemical Communications</i> , <b>1996</b> , 823	5.8	101
61	Synthesis and structures of copper(II) anion-bridged aggregates and chains: control over molecular shape. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 3173		41
60	X-ray structural analysis of biologically relevant aluminium(III) complexes. <i>Coordination Chemistry Reviews</i> , <b>1996</b> , 149, 59-80	23.2	20
59	Extended X-ray Absorption Fine Structure (EXAFS) Studies of Hydroxo(oxo)iron Aggregates and Minerals, and a Critique of their Use as Models for Ferritin. <i>Chemistry - A European Journal</i> , <b>1996</b> , 2, 634-639	4.8	26
58	The influence of chelating agents upon the dissimilatory reduction of Fe(III) by <i>Shewanella putrefaciens</i> . Part 2. Oxo-and hydroxo-bridged polynuclear Fe(III) complexes. <i>BioMetals</i> , <b>1996</b> , 9, 291-301	1.4	13
57	Dirubidium Tetrachlorodioxouranium(VI) Water (1:2). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 279-281		5
56	Identification of the N-Alkylation Product of 3-(2-Pyrrolyl)pyridazine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 1002-1003		4
55	[N,N'-Bis(2-thiobenzylidene)-1,2-dimethyl-4,5-phenylenediaminato]nickel(II), Ni(tsaldimph). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 2696-2698		6
54	Dissimilatory iron(III) reduction by. <i>Microbiology (United Kingdom)</i> , <b>1996</b> , 142, 765-774	2.9	42
53	Defining speciation profiles of Al <sup>3+</sup> complexed with small organic ligands: the Al <sup>3+</sup> -heidi system. <i>Coordination Chemistry Reviews</i> , <b>1996</b> , 149, 281-309	23.2	23
52	Zinc(II) arene tellurolato complexes as precursors to zinc telluride. The crystal and molecular structure of $[\text{Zn}(\text{TeC}_6\text{H}_2\text{Me}_3\text{-}2,4,6)_2(\text{pyridine})_2]$ . <i>Polyhedron</i> , <b>1995</b> , 14, 3495-3500	2.7	17
51	Comparative X-ray and <sup>27</sup> Al NMR spectroscopic studies of the speciation of aluminum in aqueous systems: Al(III) complexes of $\text{N}(\text{CH}_2\text{CO}_2\text{H})_2(\text{CH}_2\text{CH}_2\text{OH})$ . <i>Journal of Inorganic Biochemistry</i> , <b>1995</b> , 59, 785-794	4.2	69
50	Synthesis, Structures, and Magnetic Properties of Fe <sub>2</sub> , Fe <sub>17</sub> , and Fe <sub>19</sub> Oxo-Bridged Iron Clusters: The Stabilization of High Ground State Spins by Cluster Aggregates. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 2491-2502	16.4	266
49	Synthesis and characterisation of manganese(II) chalcogenolato complexes. Crystal and molecular structure of $[\{\text{Mn}(\mu\text{-SeC}_6\text{H}_2\text{Me}_3\text{-}2,4,6)_2\}]_2$ . <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 1645-1648		12
48	Polyiron(III) Oxyhydroxide Clusters: The Role of Iron(III) Hydrolysis and Mineralization in Nature. <i>Comments on Inorganic Chemistry</i> , <b>1994</b> , 15, 255-296	3.9	32
47	Synthesis of Low-Coordinate Chalcogenolato Complexes of Zinc with O, N, S, and P Donor Ligands. Molecular and Crystal Structures of $\text{Zn}(\text{S-t-Bu}_3\text{C}_6\text{H}_2\text{-}2,4,6)_2(\text{L})$ ( $\text{L} = \text{NC}_5\text{H}_3\text{Me}_2\text{-}2,6, \text{PM}\text{ePh}_2$ ), $\text{Zn}(\text{Se-t-Bu}_3\text{C}_6\text{H}_2\text{-}2,4,6)_2(\text{OSC}_4\text{H}_8)$ and $\text{Zn}(\text{S-t-Bu}_3\text{C}_6\text{H}_2\text{-}2,4,6)_2(\text{N-methylimidazole})_2$ . <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 2290-2296	5.1	61
46	Ruthenium $\pi$ -Complexes of o-Benzoinone. <i>Organometallics</i> , <b>1994</b> , 13, 1355-1373	3.8	22
45	New sterically hindered manganese selenolato complexes. Isolation and structural characterization of a reaction intermediate, $[\text{Mn}\{\text{N}(\text{SiMe}_3)_2\}(\mu\text{-SeC}_6\text{H}_2\text{-isoPr}_3\text{-}2,4,6)(\text{THF})]_2$ . <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 400-401	5.1	13

44	Synthesis, crystallographic and spectroscopic characterization, and magnetic properties of mixed-ligand oxovanadium(IV) hydrotris(3,5-dimethylpyrazolyl)borate complexes. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 664-671	5.1	35
43	Isolation of episulfones from the Ramberg-Bäklund rearrangement. Part 2. X-Ray molecular structure of 2,3-epithio-8,8-dimethyl-6,10-dioxaspiro[4.5]decane S,S-dioxide and of $\alpha$ -6-benzyl- $\beta$ -7,8-epithio-1,4-dioxaspiro[4.4]nonane S,S-dioxide. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 2317-2327	18	
42	Oxo-centred trinuclear carboxylato complexes containing mixed-metal and mixed-valence clusters Cr <sup>III</sup> 2M <sup>II</sup> O and Mn <sup>III</sup> 2M <sup>II</sup> O ( $M = Co, Ni$ or Mn). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 2005	18	
41	Crystal structure and vibrational spectra of guanidinium hexakis(propionato)trifluoro(.mu.3-oxo)trichromate(2-). <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 1502-1507	5.1	24
40	Copper and nickel complexes of the new phosphadithiamacrocycle 1-phenyl-1-phospha-4,7-dithiacyclononane. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 54		24
39	Mercaptide complexes of osmium porphyrins. Structure of Os(TTP)(SC <sub>6</sub> F <sub>4</sub> H) <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 4004-4011	5.1	24
38	X-Ray crystal structure of 1,4,8,11,15,18,22,25-octa-iso-pentyloxyphthalocyanine. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1993</b> , 903		19
37	Monofunktionelle tetraedrische Zink-Komplexe L <sub>3</sub> ZnX [L <sub>3</sub> ?Tris(pyrazolyl)borat]. <i>Chemische Berichte</i> , <b>1993</b> , 126, 685-694		61
36	Zinkkomplexe von Aminosäuren und Peptiden, 2[1]. Koordination einfacher Histidin-Derivate an Zink. <i>Chemische Berichte</i> , <b>1993</b> , 126, 2643-2648		98
35	A New Type of Hexanuclear Iron(III) Hydroxo(oxo) Cluster. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 570-572		40
34	Synthesis of isocyanide complexes of zinc. The molecular and crystal structure of Zn(SeC <sub>6</sub> H <sub>2</sub> But <sub>3</sub> ) <sub>2</sub> (CNBut) <sub>2</sub> . <i>Polyhedron</i> , <b>1993</b> , 12, 2929-2932	2.7	10
33	Terminal water ligand exchange and substitution by isonicotinamide on the oxo-centred triruthenium(III) complex [Ru <sub>3</sub> ( $\beta$ -O)(CH <sub>3</sub> CO <sub>2</sub> ) <sub>6</sub> (OH <sub>2</sub> ) <sub>3</sub> ] <sup>+</sup> . Crystal structure of [Ru <sub>3</sub> ( $\beta$ -O)(CH <sub>3</sub> CO <sub>2</sub> ) <sub>6</sub> (OH <sub>2</sub> ) <sub>3</sub> ]ClO <sub>4</sub> ·HClO <sub>4</sub> ·H <sub>2</sub> O. <i>Inorganica Chimica Acta</i> , <b>1993</b> , 213, 147-155	2.7	26
32	Structure of [Cr <sub>3</sub> O(OOCCH <sub>3</sub> ) <sub>6</sub> (OH <sub>2</sub> ) <sub>3</sub> ]Cl <sub>3</sub> [SC(NH <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> ·2H <sub>2</sub> O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1993</b> , 49, 1929-1932		4
31	Phosphorus donor chemistry of [W(CO)(Ph <sub>2</sub> PCCPPh <sub>2</sub> )(S <sub>2</sub> CNEt <sub>2</sub> ) <sub>2</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1992</b> , 439-445		29
30	Crystal and molecular structure of a new $\mu$ -oxo-bridged iron(III) dimer formed with the nitrilotriacetate ligand. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1992</b> , 305-307		31
29	Crystal structures and extended X-ray absorption fine structure spectra of [Fe{O(CH <sub>2</sub> CO <sub>2</sub> ) <sub>2</sub> }(H <sub>2</sub> O) <sub>2</sub> X](X = Cl or Br). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1992</b> , 203		12
28	Oxidation of 1,10-phenanthroline by tetraoxomanganate(VI) and (VII). Preparation, structure and properties of 1H-cyclopenta[2,1-b:3,4-b?]-dipyridine-2,5-dione. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1992</b> , 1601-1605		18
27	X-Ray crystal structure of a mesogenic octa-substituted phthalocyanine. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 444		53

26	Synthesis and structure of $[Hg(SC_6H_2But_3)_2(py)]$ : A T-shaped complex of mercury. <i>Polyhedron</i> , <b>1992</b> , 11, 513-516	2.7	11
25	Crystal and molecular structures of tetracarbonyl(3,3'-dimethyl-2,2'-bipyridine)-chromium(0) and -molybdenum(0) benzene solvates and the unsolvated tungsten(0) analogue. <i>Polyhedron</i> , <b>1992</b> , 11, 1771-1777	2.7	22
24	Synthesis of some alkyl metal selenolato complexes of zinc, cadmium and mercury. X-ray crystal structure of Me, Hg, Se(2,4,6-Pri <sub>3</sub> C <sub>6</sub> 2). <i>Polyhedron</i> , <b>1992</b> , 11, 507-512	2.7	19
23	Cluster mit Fe <sub>6</sub> Cd- und Fe <sub>6</sub> Hg-Baueinheiten. <i>Journal of Organometallic Chemistry</i> , <b>1992</b> , 428, 353-362	2.3	13
22	The Trapping of Iron Hydroxide Units by the Ligand Bleidi <sup>2+</sup> Two New Hydroxo(oxo)iron Clusters Containing 19 and 17 Iron Atoms. <i>Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 191-193		109
21	Darstellung von Dreikernclustern durch Umwandlung von Fe <sub>3</sub> (CO) <sub>11</sub> 2- und Fe <sub>4</sub> (CO) <sub>13</sub> 2-. <i>Journal of Organometallic Chemistry</i> , <b>1991</b> , 411, 431-443	2.3	6
20	Umwandlung der Cluster Fe <sub>3</sub> (CO) <sub>9</sub> ( $\beta$ -D-N <sub>2</sub> E <sub>t</sub> 2) und Fe <sub>3</sub> (CO) <sub>9</sub> ( $\beta$ -NEt <sub>2</sub> ) <sub>2</sub> zu organischen Produkten 1). <i>Chemische Berichte</i> , <b>1991</b> , 124, 1549-1557		26
19	Azoalkan- und Nitren-verbrückte Carbonylmétall-Cluster des Eisens und Rutheniums. <i>Chemische Berichte</i> , <b>1991</b> , 124, 2697-2704		21
18	Crystal structure and isomerism of a tumour targeting radiopharmaceutical: [ReO(dmsa) <sub>2</sub> ]OH <sub>2</sub> dmsa (=meso-2,3-dimercaptosuccinic acid). <i>Journal of the Chemical Society Chemical Communications</i> , <b>1991</b> , 1115-1117		33
17	Azimines revisited: the structure of a magenta dye. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 5278-5281	4.2	5
16	Functional Tetrahedral Zinc Complexes. <i>Angewandte Chemie International Edition in English</i> , <b>1990</b> , 29, 898-899		42
15	Redoxchemie, Zweikernkomplexe und Ru <sub>3</sub> -Clusterderivate des Liganden <sup>2-</sup> [Cp(Co) <sub>2</sub> Mn(CN) <sub>3</sub> ] <sup>2-</sup> <i>Chemische Berichte</i> , <b>1990</b> , 123, 243-250		31
14	Silylalkin- und Silylvinyliden-verbrückte Heterometallcluster. <i>Chemische Berichte</i> , <b>1990</b> , 123, 661-665		16
13	Alkin?Vinyliden-Umwandlungen auf Vierkernclustern. <i>Chemische Berichte</i> , <b>1990</b> , 123, 667-675		14
12	Alkinverbrückte Vierkerncluster durch Expansion von Dreikernclustern. <i>Chemische Berichte</i> , <b>1990</b> , 123, 677-684		18
11	Reaktionen an $\beta$ -verbrückenden Alkin-Liganden auf Heterometallclustern. <i>Chemische Berichte</i> , <b>1990</b> , 123, 1607-1616		20
10	Electron spin resonance studies of "FeO <sub>6</sub> " tris chelate complexes: models for the effects of zero-field splitting in distorted S = 5/2 spin systems. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 4735-4746	5.1	41
9	Reversible und diastereospezifische Insertion von 2-Acetamidoacrylsäure-methylester in die Metall-Wasserstoff-Funktion chiraler Cluster. <i>Chemische Berichte</i> , <b>1989</b> , 122, 2245-2251		13

## LIST OF PUBLICATIONS

8	Two Ferrole Isomers in Equilibrium: Experimental Confirmation of an Old Hypothesis. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 318-319	14
7	A Systematic Entry to Butterfly-Type [M <sub>4</sub> (CO) <sub>12</sub> ( $\emptyset$ -XY)] Clusters. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 1059-1060	27
6	Synthesis and characterization of cyclopentadienyldicarbonyl-iron S-bonded monothiocarboxylates, FeCp(CO) <sub>2</sub> SCOR. Crystal structure of FeCp(CO) <sub>2</sub> SCO(2-NO <sub>2</sub> C <sub>6</sub> H <sub>4</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>1989</b> , 359, 79-86	2.3 25
5	Synthesis, characterization, and X-ray crystal structure of ( $\emptyset$ H)Os <sub>3</sub> (CO) <sub>9</sub> ( $\emptyset$ -Te). <i>Journal of Organometallic Chemistry</i> , <b>1989</b> , 368, 269-275	2.3 7
4	Intramolecular conversion of an azoalkane ligand to two nitrene ligands on a triiron cluster. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 3564-3572	5.1 45
3	Ortsspezifische Substitutionen an Heterometall-Clustern. <i>Chemische Berichte</i> , <b>1988</b> , 121, 1247-1256	22
2	Reversible and diastereospecific olefin insertion into a cluster Ru-H unit. Formation of metallacycles with tertiary carbon-ruthenium .sigma. bonds. <i>Organometallics</i> , <b>1987</b> , 6, 1360-1361	3.8 17
1	Structure of trisodium bis(nitrilotriacetato)ferrate(III) pentahydrate, Na <sub>3</sub> [Fe{N(CH <sub>2</sub> CO <sub>2</sub> ) <sub>3</sub> } <sub>2</sub> ].5H <sub>2</sub> O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1984</b> , 40, 1822-1824	9