

Wolfgang Wernsdorfer

List of Publications by Year in Descending Order

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

654
papers

55,847
citations

127
h-index

208
g-index

669
ext. papers

58,776
ext. citations

7.2
avg, IF

7.67
L-index

#	Paper	IF	Citations
654	Operating in a deep underground facility improves the locking of gradiometric fluxonium qubits at the sweet spots. <i>Applied Physics Letters</i> , 2022 , 120, 054001	3.4	0
653	Single-Molecule Magnets and Molecular Quantum Spintronics 2021 , 979-1009		
652	Tuning the Ferrotoroidic Coupling and Magnetic Hysteresis in Double-Triangle Complexes {Dy ₃ MIIIIDy ₃ } via the MIII-linker. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 435-444	2.3	7
651	High nuclearity structurally - related Mn supertetrahedral T4 aggregates. <i>Chemical Communications</i> , 2021 , 57, 12484-12487	5.8	0
650	Field-induced oscillation of magnetization blocking barrier in a holmium metallacrown single-molecule magnet. <i>CheM</i> , 2021 , 7, 982-992	16.2	15
649	Reducing the impact of radioactivity on quantum circuits in a deep-underground facility. <i>Nature Communications</i> , 2021 , 12, 2733	17.4	21
648	Quantum Nondemolition Dispersive Readout of a Superconducting Artificial Atom Using Large Photon Numbers. <i>Physical Review Applied</i> , 2021 , 15,	4.3	3
647	Minimizing the Discrimination Time for Quantum States of an Artificial Atom. <i>Physical Review Applied</i> , 2021 , 15,	4.3	1
646	Extending the family of reduced [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) _x] _n complexes, and their sensitivity to environmental factors. <i>Polyhedron</i> , 2021 , 195, 114968	2.7	2
645	Synthesis, characterization, magnetism and theoretical analysis of hetero-metallic [NiLn] partial di-cubane assemblies. <i>Dalton Transactions</i> , 2021 , 50, 12517-12527	4.3	3
644	Molecular Magnetism 2021 , 1-31		0
643	Exchange-biased quantum tunnelling of magnetization in a [Mn] dimer of single-molecule magnets with rare ferromagnetic inter-Mn coupling. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 8854-8867	3.6	1
642	Ultrasensitive nano-optomechanical force sensor operated at dilution temperatures. <i>Nature Communications</i> , 2021 , 12, 4124	17.4	3
641	Increasing the Hilbert space dimension using a single coupled molecular spin. <i>Nature Communications</i> , 2021 , 12, 4443	17.4	1
640	Measuring molecular magnets for quantum technologies. <i>Nature Reviews Physics</i> , 2021 , 3, 645-659	23.6	13
639	Exchange-Bias Quantum Tunneling of the Magnetization in a Dysprosium Dimer. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 8230-8237	2.8	0
638	Highly Oxidized States of Phthalocyaninato Terbium(III) Multiple-Decker Complexes Showing Structural Deformations, Biradical Properties and Decreases in Magnetic Anisotropy. <i>Chemistry - A European Journal</i> , 2020 , 26, 8621-8630	4.8	10

637	Self-assembled octanuclear [NiLn] (Ln = Dy, Tb and Ho) complexes: synthesis, coordination induced ligand hydrolysis, structure and magnetism. <i>Dalton Transactions</i> , 2020 , 49, 7968-7976	4.3	7
636	Dual switchable molecular tweezers incorporating anisotropic Mn-salphen complexes. <i>Dalton Transactions</i> , 2020 , 49, 8872-8882	4.3	2
635	State preparation of a fluxonium qubit with feedback from a custom FPGA-based platform 2020 ,		7
634	Nondegenerate Parametric Amplifiers Based on Dispersion-Engineered Josephson-Junction Arrays. <i>Physical Review Applied</i> , 2020 , 13,	4.3	12
633	Coexistence of Spin-Lattice Relaxation and Phonon-Bottleneck Processes in Gd -Phthalocyaninato Triple-Decker Complexes under Highly Diluted Conditions. <i>Chemistry - A European Journal</i> , 2020 , 26, 8076-8082	4.8	6
632	Manipulation of the Coordination Geometry along the C Rotation Axis in a Dinuclear Tb Triple-Decker Complex via a Supramolecular Approach. <i>Chemistry - A European Journal</i> , 2020 , 26, 4805-4815	4.8	6
631	Unprecedented one-dimensional chain and two-dimensional network dysprosium(iii) single-molecule toroids with white-light emission. <i>Chemical Communications</i> , 2020 , 56, 2590-2593	5.8	13
630	A cubane-type nickel single-molecule magnet with exchange-biased quantum tunneling of magnetization. <i>Mendeleev Communications</i> , 2020 , 30, 168-170	1.9	1
629	DEMETRA: Suppression of the Relaxation Induced by Radioactivity in Superconducting Qubits. <i>Journal of Low Temperature Physics</i> , 2020 , 199, 475-481	1.3	1
628	Superconducting granular aluminum resonators resilient to magnetic fields up to 1 Tesla. <i>Applied Physics Letters</i> , 2020 , 117, 120502	3.4	2
627	Selective Coordination of Self-Assembled Hexanuclear [NiLn] and [NiMnLn] (Ln = Dy, Tb, and Ho) Complexes: Stepwise Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2020 , 59, 17929-17944	5.1	15
626	Inorganic Approach to Stabilizing Nanoscale Toroidicity in a Tetraicosanuclear FeDy Single Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14838-14842	16.4	20
625	Implementation of a Transmon Qubit Using Superconducting Granular Aluminum. <i>Physical Review X</i> , 2020 , 10,	9.1	4
624	Magnetic Properties and Electronic Structure of the S = 2 Complex [Mn{(OPPh)N}] Showing Field-Induced Slow Magnetization Relaxation. <i>Inorganic Chemistry</i> , 2020 , 59, 13281-13294	5.1	3
623	Detection of Spin Reversal Kondo Correlation in Hybrid Carbon Nanotube Quantum Dots. <i>ACS Nano</i> , 2019 , 13, 10029-10035	16.7	1
622	Hysteresis enhancement on a hybrid Dy(III) single molecule magnet/iron oxide nanoparticle system. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 705-714	6.8	4
621	Molecular multifunctionality preservation upon surface deposition for a chiral single-molecule magnet. <i>Chemical Science</i> , 2019 , 10, 3065-3073	9.4	13
620	Decoherence measurements in crystals of molecular magnets. <i>Physical Review B</i> , 2019 , 99,	3.3	6

619	Granular aluminium as a superconducting material for high-impedance quantum circuits. <i>Nature Materials</i> , 2019 , 18, 816-819	27	45
618	Boosting axiality in stable high-coordinate Dy(iii) single-molecule magnets. <i>Chemical Communications</i> , 2019 , 55, 5950-5953	5.8	33
617	Microwave-assisted reversal of a single electron spin. <i>Journal of Applied Physics</i> , 2019 , 125, 142801	2.5	3
616	Quantum tunnelling of the magnetisation in single-molecule magnet isotopologue dimers. <i>Chemical Science</i> , 2019 , 10, 5138-5145	9.4	29
615	Field-Tunable 0- π Transitions in SnTe Topological Crystalline Insulator SQUIDS. <i>Scientific Reports</i> , 2019 , 9, 1987	4.9	0
614	The role of the quadrupolar interaction in the tunneling dynamics of lanthanide molecular magnets. <i>Journal of Applied Physics</i> , 2019 , 125, 142903	2.5	10
613	Hexanuclear and Heptanuclear Nickel(II) Complexes of with a Non-Schiff-Base Tetradentate Ligand: an Example of Slow Motion Ferromagnetic Phase Transition at Very Low Temperature. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019 , 32, 2805-2810	1.5	1
612	A single-ion single-electron cerrous magnet. <i>Dalton Transactions</i> , 2019 , 48, 15928-15935	4.3	7
611	Onset of phase diffusion in high kinetic inductance granular aluminum micro-SQUIDS. <i>Superconductor Science and Technology</i> , 2019 , 32, 125008	3.1	3
610	Synthetic Hilbert Space Engineering of Molecular Qudits: Isotopologue Chemistry. <i>Advanced Materials</i> , 2019 , 31, e1806687	24	28
609	Influence of ancillary ligands and solvents on the nuclearity of Ni-Ln complexes. <i>Dalton Transactions</i> , 2019 , 48, 3404-3414	4.3	9
608	Phonon traps reduce the quasiparticle density in superconducting circuits. <i>Applied Physics Letters</i> , 2019 , 115, 212601	3.4	18
607	A new member of a class of rod-like Mn single molecule magnets using 2-(pyridine-2-yl)propan-2-ol.. <i>RSC Advances</i> , 2019 , 9, 37740-37746	3.7	
606	Ln-Pt electron polarization effects on the magnetic relaxation of heterometallic Ho- and Er-Pt complexes. <i>Dalton Transactions</i> , 2019 , 48, 7144-7149	4.3	7
605	Effects of the Exchange Coupling on Dynamic Properties in a Series of CoGdCo Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 756-768	5.1	4
604	Influence of lanthanides on spin-relaxation and spin-structure in a family of Fe7Ln4 single molecule magnets. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2862-2872	7.1	12
603	Toward a Microscopic Understanding of the Magnetization Behavior of a Multimolecular Single Crystal of Radical-Bridged [DyIII4] Cubane Units: A Joint Ab Initio, Micro-Superconducting Quantum Interference Device, and Electron Paramagnetic Resonance Study. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 11128-11135	3.8	1
602	Slow Magnetic Relaxation in a Palladium-Gadolinium Complex Induced by Electron Density Donation from the Palladium Ion. <i>Chemistry - A European Journal</i> , 2018 , 24, 9285-9294	4.8	24

601	Comparison of the Magnetic Anisotropy and Spin Relaxation Phenomenon of Dinuclear Terbium(III) Phthalocyaninato Single-Molecule Magnets Using the Geometric Spin Arrangement. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2995-3007	16.4	76
600	Proximity-Induced Superconductivity and Quantum Interference in Topological Crystalline Insulator SnTe Thin-Film Devices. <i>Nano Letters</i> , 2018 , 18, 1264-1268	11.5	14
599	Observation of Cooperative Electronic Quantum Tunneling: Increasing Accessible Nuclear States in a Molecular Qudit. <i>Inorganic Chemistry</i> , 2018 , 57, 9873-9879	5.1	19
598	Slow Magnetic Relaxation in a Palladium-Gadolinium Complex Induced by Electron Density Donation from the Palladium Ion. <i>Chemistry - A European Journal</i> , 2018 , 24, 9169-9169	4.8	
597	Single-molecule magnetism within a family of [LnIII ₂ MnIII ₁₀] complexes from 2-hydroxymethylpyridine. <i>Polyhedron</i> , 2018 , 142, 49-57	2.7	3
596	Slow Magnetic Relaxation and Single-Molecule Toroidal Behaviour in a Family of Heptanuclear {Cr Ln} (Ln=Tb, Ho, Er) Complexes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 779-784	16.4	39
595	Molecular spin qubits for quantum algorithms. <i>Chemical Society Reviews</i> , 2018 , 47, 501-513	58.5	151
594	A belt-like one-dimensional Dy chain exhibiting slow magnetic relaxation behavior. <i>Dalton Transactions</i> , 2018 , 47, 15298-15302	4.3	4
593	Circuit quantum electrodynamics of granular aluminum resonators. <i>Nature Communications</i> , 2018 , 9, 3889	17.4	45
592	Generalized Ramsey interferometry explored with a single nuclear spin qudit. <i>Npj Quantum Information</i> , 2018 , 4,	8.6	11
591	Tetranuclear Dysprosium(III) Quintuple-Decker Single-Molecule Magnet Prepared Using a Extended Phthalocyaninato Ligand with Two Coordination Sites. <i>Chemistry - A European Journal</i> , 2018 , 24, 15522-15528	4.8	13
590	Family of [Ln ₄ Mn ₈] (Ln = Gd, Tb, Dy, Ho) and Y ₄ Mn ₈ single-molecule magnets from the use of 2-(pyridine-2-yl)propan-2-ol. <i>Polyhedron</i> , 2018 , 155, 34-41	2.7	1
589	Slow Magnetic Relaxation and Single-Molecule Toroidal Behaviour in a Family of Heptanuclear {CrIII LnIII ₆ } (Ln=Tb, Ho, Er) Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 787-792	3.6	11
588	Single-molecule magnet behaviour in a tetranuclear Dy complex formed from a novel tetrazine-centered hydrazone Schiff base ligand. <i>Dalton Transactions</i> , 2017 , 46, 2471-2478	4.3	36
587	Hybrid molecular-inorganic materials: a heterometallic [Ni ₄ Tb] complex grafted on superparamagnetic iron oxide nanoparticles. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 595-603	6.8	11
586	Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal Dy Single-Ion Magnet. <i>Chemistry - A European Journal</i> , 2017 , 23, 5708-5715	4.8	79
585	Magnetic and HFEPR Studies of Exchange Coupling in a Series of ECl Dicobalt Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 2417-2425	5.1	15
584	Large Energy Barrier and Magnetization Hysteresis at 5 K for a Symmetric {Dy} Complex with Spherical Tricapped Trigonal Prismatic Dy Ions. <i>Inorganic Chemistry</i> , 2017 , 56, 3568-3578	5.1	46

- 583 Field-Induced Slow Magnetic Relaxation of Gd Complex with a Pt-Gd Heterometallic Bond. *Chemistry - A European Journal*, **2017**, 23, 4551-4556 4.8 25
- 582 Electrical Read-Out of a Single Spin Using an Exchange-Coupled Quantum Dot. *ACS Nano*, **2017**, 11, 3984-3989 32
- 581 Giant Magnetoresistance in Carbon Nanotubes with Single-Molecule Magnets TbPc. *ACS Nano*, **2017**, 11, 6868-6880 16.7 33
- 580 A family of 'windmill'-like {CuLn} complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. *Chemical Communications*, **2017**, 53, 4266-4269 5.8 33
- 579 Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet. *Angewandte Chemie - International Edition*, **2017**, 56, 4996-5000 16.4 139
- 578 Hyperfine-Interaction-Driven Suppression of Quantum Tunneling at Zero Field in a Holmium(III) Single-Ion Magnet. *Angewandte Chemie*, **2017**, 129, 5078-5082 3.6 28
- 577 Slow Magnetic Relaxation in Weak Easy-Plane Anisotropy: the Case of a Combined Magnetic and HFEP Study. *Inorganic Chemistry*, **2017**, 56, 697-700 5.1 23
- 576 Operating Quantum States in Single Magnetic Molecules: Implementation of Grover's Quantum Algorithm. *Physical Review Letters*, **2017**, 119, 187702 7.4 159
- 575 Transition Metal Single-Molecule Magnets: A {Mn} Nanosized Cluster with a Large Energy Barrier of ~60 K and Magnetic Hysteresis at ~5 K. *Journal of the American Chemical Society*, **2017**, 139, 15644-15647 16.4 49
- 574 Three-Dimensional (3-D) Ferromagnetic Network of Mn Single-Molecule Magnets: Subtle Environmental Effects and Switching to Antiferromagnetic. *Inorganic Chemistry*, **2017**, 56, 10706-10716 5.1 4
- 573 Heterometallic Zn Ln Ensembles Containing (βCO) Ligand and Triangular Disposition of Ln ions: Analysis of Single-Molecule Toroic (SMT) and Single-Molecule Magnet (SMM) Behavior. *Chemistry - A European Journal*, **2017**, 23, 16621-16636 4.8 32
- 572 Multiple Magnetic Relaxation Pathways and Dual-Emission Modulated by a Heterometallic Tb-Pt Bonding Environment. *Chemistry - A European Journal*, **2017**, 23, 10527-10531 4.8 13
- 571 Nuclear Spin Isomers: Engineering a Et N[DyPc] Spin Qudit. *Angewandte Chemie - International Edition*, **2017**, 56, 9915-9919 16.4 43
- 570 Nuclear Spin Isomers: Engineering a Et4N[DyPc2] Spin Qudit. *Angewandte Chemie*, **2017**, 129, 10047-10051 16.4 12
- 569 From Positive to Negative Zero-Field Splitting in a Series of Strongly Magnetically Anisotropic Mononuclear Metal Complexes. *Inorganic Chemistry*, **2017**, 56, 14809-14822 5.1 29
- 568 Controlled Dimerization of Mn Single-Molecule Magnets. *Inorganic Chemistry*, **2017**, 56, 14755-14758 5.1 6
- 567 Ferrotoroidic ground state in a heterometallic {CrDy} complex displaying slow magnetic relaxation. *Nature Communications*, **2017**, 8, 1023 17.4 65
- 566 Landau-Zener Transition in a Continuously Measured Single-Molecule Spin Transistor. *Physical Review Letters*, **2017**, 118, 257701 7.4 12

565	Exchange-bias quantum tunnelling in a CO-based Dy-single molecule magnet. <i>Chemical Science</i> , 2017 , 8, 1178-1185	9.4	40
564	Hysteresis in a bimetallic holmium complex: A synergy between electronic and nuclear magnetic interactions. <i>Physical Review B</i> , 2017 , 96,	3.3	7
563	Addressing a Single Molecular Spin with Graphene-Based Nanoarchitectures. <i>Advances in Atom and Single Molecule Machines</i> , 2017 , 165-184	0	
562	Studies on the Magnetic Ground State of a Spin Möbius Strip. <i>Chemistry - A European Journal</i> , 2016 , 22, 14205-12	4.8	6
561	Single-molecule devices with graphene electrodes. <i>Dalton Transactions</i> , 2016 , 45, 16570-16574	4.3	38
560	What Controls the Sign and Magnitude of Magnetic Anisotropy in Tetrahedral Cobalt(II) Single-Ion Magnets?. <i>Inorganic Chemistry</i> , 2016 , 55, 9564-9578	5.1	79
559	Supramolecular 3d-4f single-molecule magnet architectures. <i>Dalton Transactions</i> , 2016 , 45, 16148-16152	4.3	18
558	Diamondoid Structure in a Metal-Organic Framework of Fe ₄ Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2016 , 22, 13705-14	4.8	15
557	Heterodimers of heterometallic rings. <i>Dalton Transactions</i> , 2016 , 45, 16610-16615	4.3	6
556	Verdazyl Radical, a Building Block for a Six-Spin-Center 2p-3d-4f Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2016 , 55, 12122-12125	5.1	39
555	Magnetic Molecular Oligomers Based on Decametallic Supertetrahedra: A Giant Mn ₄₉ Cuboctahedron and its Mn ₂₅ Na ₄ Fragment. <i>Angewandte Chemie</i> , 2016 , 128, 689-694	3.6	8
554	Single-Molecule Magnet Behavior of Individual Polyoxometalate Molecules Incorporated within Biopolymer or Metal-Organic Framework Matrices. <i>Chemistry - A European Journal</i> , 2016 , 22, 6564-74	4.8	27
553	Supramolecular aggregates of single-molecule magnets: exchange-biased quantum tunneling of magnetization in a rectangular [Mn] tetramer. <i>Chemical Science</i> , 2016 , 7, 1156-1173	9.4	42
552	Molecules at the Quantum-Classical Nanoparticle Interface: Giant Mn ₇₀ Single-Molecule Magnets of ~4 nm Diameter. <i>Inorganic Chemistry</i> , 2016 , 55, 3419-30	5.1	42
551	Single-molecule magnet behavior in 2,2'-bipyrimidine-bridged dilanthanide complexes. <i>Beilstein Journal of Nanotechnology</i> , 2016 , 7, 126-37	3	17
550	Magnetic "Molecular Oligomers" Based on Decametallic Supertetrahedra: A Giant Mn ₄₉ Cuboctahedron and its Mn ₂₅ Na ₄ Fragment. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 679-84	16.4	48
549	Blocking transport resonances via Kondo many-body entanglement in quantum dots. <i>Nature Communications</i> , 2016 , 7, 12442	17.4	9
548	Quantum Einstein-de Haas effect. <i>Nature Communications</i> , 2016 , 7, 11443	17.4	36

547	Iridates from the molecular side. <i>Nature Communications</i> , 2016 , 7, 12195	17.4	33
546	A Stable Pentagonal Bipyramidal Dy(III) Single-Ion Magnet with a Record Magnetization Reversal Barrier over 1000 K. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5441-50	16.4	738
545	A hexameric [MnNa] wheel based on [MnO] sub-units. <i>Chemical Communications</i> , 2016 , 52, 12829-12832	5.8	9
544	Enhancement of Tb(III) -Cu(II) Single-Molecule Magnet Performance through Structural Modification. <i>Chemistry - A European Journal</i> , 2016 , 22, 12839-48	4.8	40
543	Unusual Mn(III/IV) ₄ Cubane and Mn(III) ₁₆ M ₄ (M = Ca, Sr) Looplike Clusters from the Use of Dimethylarsinic Acid. <i>Inorganic Chemistry</i> , 2016 , 55, 8468-77	5.1	14
542	Magnetic interplay between two different lanthanides in a tris-phthalocyaninato complex: a viable synthetic route and detailed investigation in the bulk and on the surface. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9794-9801	7.1	25
541	Magnetic interaction between a radical spin and a single-molecule magnet in a molecular spin-valve. <i>ACS Nano</i> , 2015 , 9, 4458-64	16.7	78
540	Determination of magnetic anisotropy in a multinuclear Tb(III)-based single-molecule magnet. <i>Chemical Communications</i> , 2015 , 51, 10373-6	5.8	27
539	Tuning the Ising-type anisotropy in trigonal bipyramidal Co(II) complexes. <i>Chemical Communications</i> , 2015 , 51, 16475-8	5.8	63
538	Cyanide Single-Molecule Magnets Exhibiting Solvent Dependent Reversible "On" and "Off" Exchange Bias Behavior. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14406-22	16.4	104
537	The effect of crystal packing and Re(IV) ions on the magnetisation relaxation of [Mn ₆]-based molecular magnets. <i>Chemistry - A European Journal</i> , 2015 , 21, 8790-8	4.8	16
536	Ein [Fe ₁₉]-Super-Lindqvist-Aggregat und ein großes, sich durchdringendes, dreidimensionales Koordinationspolymer aus Solvothermalreaktionen von [Fe ₂ (OtBu) ₆] mit Ethanol. <i>Angewandte Chemie</i> , 2015 , 127, 10503-10506	3.6	4
535	Selbstorganisation eines riesigen tetraedrischen 3d-4f-Einzelmolekülmagneten innerhalb eines Polyoxometallatsystems. <i>Angewandte Chemie</i> , 2015 , 127, 15795-15799	3.6	26
534	Redox-Controlled Exchange Bias in a Supramolecular Chain of Fe ₄ Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8777-82	16.4	31
533	Redox-Controlled Exchange Bias in a Supramolecular Chain of Fe ₄ Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2015 , 127, 8901-8906	3.6	11
532	[Fe ₁₉] "Super-Lindqvist" Aggregate and Large 3D Interpenetrating Coordination Polymer from Solvothermal Reactions of [Fe ₂ (OtBu) ₆] with Ethanol. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10361-4	16.4	12
531	Field-Induced Slow Magnetic Relaxation in a Mononuclear Manganese(III)-Porphyrin Complex. <i>Chemistry - A European Journal</i> , 2015 , 21, 17299-307	4.8	45
530	Self-Assembly of a Giant Tetrahedral 3d-4f Single-Molecule Magnet within a Polyoxometalate System. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15574-8	16.4	117

529	Electroburning of few-layer graphene flakes, epitaxial graphene, and turbostratic graphene discs in air and under vacuum. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 711-9	3	18
528	Assessing the exchange coupling in binuclear lanthanide(III) complexes and the slow relaxation of the magnetization in the antiferromagnetically coupled Dy derivative. <i>Chemical Science</i> , 2015 , 6, 4148-4159	8.4	102
527	Phase dependence of microwave-assisted switching of a single magnetic nanoparticle. <i>Physical Review Letters</i> , 2014 , 112, 117203	7.4	7
526	Structural and electronic dependence of the single-molecule-magnet behavior of dysprosium(III) complexes. <i>Inorganic Chemistry</i> , 2014 , 53, 2598-605	5.1	47
525	Supramolecular chains of high nuclearity {Mn(III) ₂₅ } barrel-like single molecule magnets. <i>Chemical Communications</i> , 2014 , 50, 779-81	5.8	23
524	An octanuclear {Cu(II) ₄ Dy(III) ₄ } coordination cluster showing single molecule magnet behaviour from field accessible states. <i>Chemical Communications</i> , 2014 , 50, 1882-5	5.8	49
523	Chemical tuning of the magnetic relaxation in dysprosium(III) mononuclear complexes. <i>Dalton Transactions</i> , 2014 , 43, 12146-9	4.3	44
522	The solvent effect in an axially symmetric Fe(III) ₄ single-molecule magnet. <i>Chemical Communications</i> , 2014 , 50, 15090-3	5.8	17
521	Exchange interactions at the origin of slow relaxation of the magnetization in {TbCu ₂ } and {DyCu ₂ } single-molecule magnets. <i>Inorganic Chemistry</i> , 2014 , 53, 8970-8	5.1	50
520	Slow magnetic relaxation in a mononuclear eight-coordinate cobalt(II) complex. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12213-6	16.4	135
519	A truncated [Mn(III)] ₄ tetrahedron from oxime-based [Mn(III)] ₄ building blocks. <i>Dalton Transactions</i> , 2014 , 43, 10690-4	4.3	16
518	Magnetic relaxation of 1D coordination polymers (X) ₂ [Mn(acacen)Fe(CN)] ₂ ; X = Ph ₃ P ⁺ , Et ₃ N ⁺ . <i>Inorganic Chemistry</i> , 2014 , 53, 10291-300	5.1	31
517	Electrically driven nuclear spin resonance in single-molecule magnets. <i>Science</i> , 2014 , 344, 1135-8	33.3	542
516	Ising-type magnetic anisotropy and single molecule magnet behaviour in mononuclear trigonal bipyramidal Co(II) complexes. <i>Chemical Science</i> , 2014 , 5, 3418	9.4	130
515	Combining complementary ligands into one framework for the construction of a ferromagnetically coupled [Mn(III) ₁₂] wheel. <i>Chemistry - A European Journal</i> , 2014 , 20, 3010-3	4.8	19
514	X-ray Crystallographic Analysis of a Tailor-Made Bis(phthalocyaninato)-Tb(III) Single-Molecule Magnet as a Fundamental Unit for Supramolecular Spintronic Devices. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 4179-4185	2.3	3
513	Molecular Quantum Spintronics Using Single-Molecule Magnets. <i>Nanoscience and Technology</i> , 2014 , 319-364	3.64	5
512	Electrical readout of individual nuclear spin trajectories in a single-molecule magnet spin transistor. <i>Physical Review Letters</i> , 2013 , 111, 037203	7.4	50

511	Slow magnetic relaxation in a Co(II)-Y(III) single-ion magnet with positive axial zero-field splitting. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9130-4	16.4	242
510	A ring of rings and other multicomponent assemblies of cages. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9932-5	16.4	58
509	Carbon nanotube nanoelectromechanical systems as magnetometers for single-molecule magnets. <i>ACS Nano</i> , 2013 , 7, 6225-36	16.7	49
508	Magnetic relaxation pathways in lanthanide single-molecule magnets. <i>Nature Chemistry</i> , 2013 , 5, 673-8	17.6	583
507	Synthesis of cubane-type Ni(II) complexes from pyridyl-alcohol ligands; their single-molecule magnet behaviour. <i>Dalton Transactions</i> , 2013 , 42, 5013-24	4.3	28
506	Mn ₈ cluster with ferrocene-1,1'-dicarboxylate ligation: single-molecule magnetism with multiple external redox centers. <i>Inorganic Chemistry</i> , 2013 , 52, 10414-23	5.1	11
505	Switching the anisotropy barrier of a single-ion magnet by symmetry change from quasi-D _{5h} to quasi-O _h . <i>Chemical Science</i> , 2013 , 4, 3310	9.4	402
504	Synthesis, structure and magnetic properties of [Fe ^{III} Ln ^{III} 2] (Ln=Gd, Tb, Dy, Ho) and [Fe ^{III} 4Y ^{III} 2] clusters. <i>Polyhedron</i> , 2013 , 66, 205-211	2.7	16
503	Landau-Zener tunneling of a single Tb ³⁺ magnetic moment allowing the electronic read-out of a nuclear spin. <i>Physical Review B</i> , 2013 , 87,	3.3	39
502	Properties of a tunable multinuclear nickel polyoxotungstate platform. <i>Chemistry - A European Journal</i> , 2013 , 19, 6753-65	4.8	32
501	Squaring the cube: a family of octametallic lanthanide complexes including a Dy ₈ single-molecule magnet. <i>Dalton Transactions</i> , 2013 , 42, 14693-701	4.3	43
500	A new versatile class of hetero-tetra-metallic assemblies: highlighting single-molecule magnet behaviour. <i>Chemical Communications</i> , 2013 , 49, 9476-8	5.8	33
499	Synthesis, structure, and spectroscopic and magnetic characterization of [Mn ₁₂ O ₁₂ (O ₂ CCH ₂ But) ₁₆ (MeOH) ₄][MeOH], a Mn ₁₂ single-molecule magnet with true axial symmetry. <i>Inorganic Chemistry</i> , 2013 , 52, 258-72	5.1	36
498	Comproportionation reactions to manganese(III/IV) pivalate clusters: a new half-integer spin single-molecule magnet. <i>Inorganic Chemistry</i> , 2013 , 52, 873-84	5.1	30
497	Strong spin-phonon coupling between a single-molecule magnet and a carbon nanotube nanoelectromechanical system. <i>Nature Nanotechnology</i> , 2013 , 8, 165-9	28.7	249
496	Turning on single-molecule magnet behavior in a linear {Mn ₃ } compound. <i>Inorganic Chemistry</i> , 2013 , 52, 1296-303	5.1	14
495	Subcomponent self-assembly of rare-earth single-molecule magnets. <i>Inorganic Chemistry</i> , 2013 , 52, 5194-200	5.2	60
494	Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn ₁₄ and Mn ₁₆ . <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2286-2290	2.3	16

- 493 Interplay of strongly anisotropic metal ions in magnetic blocking of complexes. *Inorganic Chemistry*, **2013**, 52, 6328-37 5.1 203
- 492 A Ring of Rings and Other Multicomponent Assemblies of Cages. *Angewandte Chemie*, **2013**, 125, 10116-10119 3.6 16
- 491 Interplay of the Kondo effect and strong spin-orbit coupling in multihole ultraclean carbon nanotubes. *Physical Review Letters*, **2013**, 111, 136803 7.4 27
- 490 Field-Induced Hysteresis and Quantum Tunneling of the Magnetization in a Mononuclear Manganese(III) Complex. *Angewandte Chemie*, **2013**, 125, 14325-14329 3.6 16
- 489 Slow Magnetic Relaxation in a Co(II) Single-Ion Magnet with Positive Axial Zero-Field Splitting. *Angewandte Chemie*, **2013**, 125, 9300-9304 3.6 44
- 488 Field-induced hysteresis and quantum tunneling of the magnetization in a mononuclear manganese(III) complex. *Angewandte Chemie - International Edition*, **2013**, 52, 14075-9 16.4 138
- 487 Magnetic bistability of isolated giant-spin centers in a diamagnetic crystalline matrix. *Chemistry - A European Journal*, **2012**, 18, 3390-8 4.8 38
- 486 Coupling Dy³ triangles to maximize the toroidal moment. *Angewandte Chemie - International Edition*, **2012**, 51, 12767-71 16.4 191
- 485 Mn⁴ single-molecule-magnet-based polymers of a one-dimensional helical chain and a three-dimensional network: syntheses, crystal structures, and magnetic properties. *Inorganic Chemistry*, **2012**, 51, 13171-80 5.1 40
- 484 Coupling Dy³ Triangles to Maximize the Toroidal Moment. *Angewandte Chemie*, **2012**, 124, 12939-12943 3.6 33
- 483 Electronic read-out of a single nuclear spin using a molecular spin transistor. *Nature*, **2012**, 488, 357-60 50.4 618
- 482 Heterometallic Cu(II)/Dy(III) 1D chiral polymers: chirogenesis and exchange coupling of toroidal moments in trinuclear Dy³ single molecule magnets. *Chemical Science*, **2012**, 3, 1169 9.4 133
- 481 A Mn₃₆Ni₄ 'loop-of-loops-and-supertetrahedra' aggregate possessing a high S(T) = 26 ± 1 spin ground state. *Chemical Communications*, **2012**, 48, 5410-2 5.8 36
- 480 Molecular engineering to control the magnetic interaction between single-chain magnets assembled in a two-dimensional network. *Journal of the American Chemical Society*, **2012**, 134, 15265-8 16.4 63
- 479 Multiple-decker phthalocyaninato dinuclear lanthanoid(III) single-molecule magnets with dual-magnetic relaxation processes. *Dalton Transactions*, **2012**, 41, 13582-600 4.3 95
- 478 Field-induced slow magnetic relaxation in a six-coordinate mononuclear cobalt(II) complex with a positive anisotropy. *Journal of the American Chemical Society*, **2012**, 134, 15704-7 16.4 315
- 477 A single-molecule magnet assembly exhibiting a dielectric transition at 470 K. *Chemical Science*, **2012**, 3, 3366 9.4 150
- 476 A six-coordinate ytterbium complex exhibiting easy-plane anisotropy and field-induced single-ion magnet behavior. *Inorganic Chemistry*, **2012**, 51, 8538-44 5.1 204

475	Single-molecule magnetism in cyclopentadienyl-dysprosium chlorides. <i>Chemical Communications</i> , 2012 , 48, 1508-10	5.8	124
474	A family of dodecanuclear Mn ₁₁ Ln single-molecule magnets. <i>Comptes Rendus Chimie</i> , 2012 , 15, 639-646	2.7	9
473	First-Order 0-Quantum Phase Transition in the Kondo Regime of a Superconducting Carbon-Nanotube Quantum Dot. <i>Physical Review X</i> , 2012 , 2,	9.1	48
472	Controlling magnetic communication through aromatic bridges by variation in torsion angle. <i>Dalton Transactions</i> , 2012 , 41, 13626-31	4.3	18
471	Dynamics and dissipation induced by single-electron tunneling in carbon nanotube nanoelectromechanical systems. <i>Physical Review Letters</i> , 2012 , 108, 175502	7.4	31
470	Condensation of a nickel tetranuclear cubane into a heptanuclear single-molecule magnet. <i>Inorganic Chemistry</i> , 2012 , 51, 6645-54	5.1	69
469	Supramolecular architectures for controlling slow magnetic relaxation in field-induced single-molecule magnets. <i>Chemical Science</i> , 2012 , 3, 2158	9.4	140
468	Cyano-bridged Mn(III)-M(III) single-chain magnets with M(III)=Co(III), Fe(III), Mn(III), and Cr(III). <i>Chemistry - A European Journal</i> , 2012 , 18, 3942-54	4.8	111
467	A stable hybrid bisphosphonate polyoxometalate single-molecule magnet. <i>Chemistry - A European Journal</i> , 2012 , 18, 3845-9	4.8	61
466	Publisher's Note: First-Order 0-Quantum Phase Transition in the Kondo Regime of a Superconducting Carbon-Nanotube Quantum Dot [Phys. Rev. X 2, 011009 (2012)]. <i>Physical Review X</i> , 2012 , 2,	9.1	2
465	First-Order 0-Quantum Phase Transition in the Kondo Regime of a Superconducting Carbon-Nanotube Quantum Dot. <i>Physical Review X</i> , 2012 , 2,	9.1	1
464	Graphene spintronic devices with molecular nanomagnets. <i>Nano Letters</i> , 2011 , 11, 2634-9	11.5	325
463	Family of double-cubane Mn ₄ Ln ₂ (Ln = Gd, Tb, Dy, Ho) and Mn ₄ Y ₂ complexes: a new Mn ₄ Tb ₂ single-molecule magnet. <i>Inorganic Chemistry</i> , 2011 , 50, 10476-85	5.1	78
462	Contribution of spin and anisotropy to single molecule magnet behavior in a family of bell-shaped Mn ₁₁ Ln ₂ coordination clusters. <i>Inorganic Chemistry</i> , 2011 , 50, 12001-9	5.1	39
461	The use of magnetic dilution to elucidate the slow magnetic relaxation effects of a Dy ₂ single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8830-3	16.4	303
460	Single-molecule magnet behavior for an antiferromagnetically superexchange-coupled dinuclear dysprosium(III) complex. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5319-28	16.4	485
459	Strong axially and Ising exchange interaction suppress zero-field tunneling of magnetization of an asymmetric Dy ₂ single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11948-51	16.4	604
458	Universal transport signatures in two-electron molecular quantum dots: gate-tunable Hund's rule, underscreened Kondo effect and quantum phase transitions. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 243202	1.8	54

457	Fano resonance in electron transport through single dopant atoms. <i>Physical Review B</i> , 2011 , 83,	3.3	9
456	Molecular quantum spintronics: supramolecular spin valves based on single-molecule magnets and carbon nanotubes. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 6656-67	6.3	84
455	Electrical detection of individual magnetic nanoparticles encapsulated in carbon nanotubes. <i>ACS Nano</i> , 2011 , 5, 2348-55	16.7	33
454	Single molecule magnet behavior of a pentanuclear Mn-based metallacrown complex: solid state and solution magnetic studies. <i>Inorganic Chemistry</i> , 2011 , 50, 11348-52	5.1	52
453	Chiral single-molecule magnets: a partial Mn(III) supertetrahedron from achiral components. <i>Chemical Communications</i> , 2011 , 47, 3090-2	5.8	47
452	Microwave assisted synthesis and magnetic properties of octanuclear and enneanuclear Ni(II) complexes: an unprecedented coordination mode for the NO(2)(-) ligand. <i>Dalton Transactions</i> , 2011 , 40, 11765-9	4.3	23
451	Benzoxazole-based heterometallic dodecanuclear complex [Dy(III) ₄ Cu(II) ₈] with single-molecule-magnet behavior. <i>Inorganic Chemistry</i> , 2011 , 50, 7373-5	5.1	55
450	Supramolecular spin valves. <i>Nature Materials</i> , 2011 , 10, 502-6	27	561
449	Propagation of spin information at the supramolecular scale through heteroaromatic linkers. <i>Physical Review Letters</i> , 2011 , 106, 227205	7.4	39
448	A supramolecular aggregate of four exchange-biased single-molecule magnets. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20688-91	16.4	86
447	Spin entanglement in supramolecular systems. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012033	0.3	3
446	Spin transition in Gd ₃ N@C ₈₀ , detected by low-temperature on-chip SQUID technique. <i>Journal of Applied Physics</i> , 2011 , 109, 07B101	2.5	13
445	The search for cobalt single-molecule magnets: A disk-like Co ^{III} Co ^{II} ₆ cluster with a ligand derived from a novel transformation of 2-acetylpyridine. <i>Polyhedron</i> , 2011 , 30, 2987-2996	2.7	36
444	Structural and magnetic studies of original tetranuclear Co ^{II} -Ln ^{III} complexes (Ln ^{III} = Gd, Tb, Y). <i>Dalton Transactions</i> , 2011 , 40, 1700-6	4.3	74
443	Mn ₂ Dy cluster with a record magnetization reversal barrier for a mixed 3d/4f single-molecule magnet. <i>Inorganic Chemistry</i> , 2011 , 50, 421-3	5.1	138
442	Novel lanthanide-based polymeric chains and corresponding ultrafast dynamics in solution. <i>Inorganic Chemistry</i> , 2011 , 50, 11990-2000	5.1	45
441	Synthesis, structure, magnetism and theoretical study of a series of complexes with a decanuclear core [Ln(III) ₂ Cu(II) ₈] (Ln = Y, Gd, Tb, Dy). <i>New Journal of Chemistry</i> , 2011 , 35, 1270	3.6	23
440	Electronic transport properties of double-wall carbon nanotubes. <i>Physical Review B</i> , 2011 , 84,	3.3	6

439	A Rare μ -O Centred Dy ₄ Tetrahedron with Coordination-Induced Local Chirality and Single-Molecule Magnet Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1535-1539	2.3	61
438	Redox-Controlled Magnetic {Mn ₁₃ } Keggin Systems. <i>Angewandte Chemie</i> , 2011 , 123, 5834-5838	3.6	13
437	A [Mn ₃₂] Double-Decker Wheel. <i>Angewandte Chemie</i> , 2011 , 123, 4533-4536	3.6	21
436	Redox-controlled magnetic {Mn ₁₃ } Keggin systems. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5716-20	16.4	46
435	A [Mn ₃₂] double-decker wheel. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4441-4	16.4	97
434	Magnetic relaxation of single-molecule magnets in an external magnetic field: an ising dimer of a terbium(III)-phthalocyaninate triple-decker complex. <i>Chemistry - A European Journal</i> , 2011 , 17, 117-22	4.8	122
433	A family of calix[4]arene-supported [Mn(III) ₂ Mn(II) ₂] clusters. <i>Chemistry - A European Journal</i> , 2011 , 17, 7521-30	4.8	69
432	Chemical control of spin propagation between heterometallic rings. <i>Chemistry - A European Journal</i> , 2011 , 17, 14020-30	4.8	26
431	[Mn ₁₁ 6O ₃ Ln ₂] single-molecule magnets: increasing the energy barrier above 100 K. <i>Chemistry - A European Journal</i> , 2011 , 17, 9605-10	4.8	110
430	High-nuclearity, mixed-valence Mn ₁₁ Mn ₁₀ and {Mn ₁₁ } complexes from the use of triethanolamine. <i>Chemical Communications</i> , 2011 , 47, 274-6	5.8	45
429	Defect-dicubane Ni ₂ Ln ₂ (Ln = Dy, Tb) single molecule magnets. <i>Inorganic Chemistry</i> , 2011 , 50, 11604-11	5.1	145
428	Hysteresis loops of magnetoconductance in graphene devices. <i>Physical Review B</i> , 2011 , 83,	3.3	16
427	Magneto-Coulomb effect in carbon nanotube quantum dots filled with magnetic nanoparticles. <i>Physical Review Letters</i> , 2011 , 107, 186804	7.4	19
426	Cotunneling through a magnetic single-molecule transistor based on N@C ₆₀ . <i>Physical Review B</i> , 2011 , 83,	3.3	29
425	Bistable coupling states measured on single Co nanoclusters deposited on CoO(111). <i>Physical Review Letters</i> , 2011 , 107, 057204	7.4	5
424	Hybrid superconductor-quantum dot devices. <i>Nature Nanotechnology</i> , 2010 , 5, 703-11	28.7	283
423	Entanglement in supramolecular spin systems of two weakly coupled antiferromagnetic rings (purple-Cr ₇ Ni). <i>Physical Review Letters</i> , 2010 , 104, 037203	7.4	94
422	On-chip SQUID measurements in the presence of high magnetic fields. <i>Nanotechnology</i> , 2010 , 21, 405504	3.4	24

421	Nickel/lanthanide single-molecule magnets: {Ni(3)Ln} "stars" with a ligand derived from the metal-promoted reduction of di-2-pyridyl ketone under solvothermal conditions. <i>Inorganic Chemistry</i> , 2010 , 49, 9737-9	5.1	91
420	Magnetic anisotropy of embedded Co nanoparticles: Influence of the surrounding matrix. <i>Physical Review B</i> , 2010 , 81,	3.3	40
419	A homologous heterospin series of mononuclear lanthanide/TCNQF(4) organic radical complexes. <i>Dalton Transactions</i> , 2010 , 39, 4341-52	4.3	34
418	Series of isostructural planar lanthanide complexes [Ln(III) ₄ (μ ₃ -OH) ₂ (mdeaH) ₂ (piv) ₈] with single molecule magnet behavior for the Dy ₄ analogue. <i>Inorganic Chemistry</i> , 2010 , 49, 8067-72	5.1	207
417	Family of Mn(III) ₂ Ln(2)(μ ₄ -O) compounds: syntheses, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2010 , 49, 5293-302	5.1	67
416	Surface-enhanced Raman signal for terbium single-molecule magnets grafted on graphene. <i>ACS Nano</i> , 2010 , 4, 7531-7	16.7	79
415	Studies of magnetic properties and HFEPR of octanuclear manganese single-molecule magnets. <i>Dalton Transactions</i> , 2010 , 39, 10160-8	4.3	30
414	Mn ₈ and Mn ₁₆ clusters from the use of 2-(hydroxymethyl)pyridine, and comparison with the products from bulkier chelates: a new high nuclearity single-molecule magnet. <i>Inorganic Chemistry</i> , 2010 , 49, 10579-89	5.1	52
413	Face-sharing heterotrinnuclear M(II)-Ln(III)-M(II) (M = Mn, Fe, Co, Zn; Ln = La, Gd, Tb, Dy) complexes: synthesis, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2010 , 49, 9125-35	5.1	174
412	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> , 2010 , 49, 11587-94	5.1	124
411	Mn(7) and Mn(12) clusters from use of 2-(pyridine-2-yl)propan-2-ol: a new half-integer single-molecule magnet. <i>Inorganic Chemistry</i> , 2010 , 49, 199-208	5.1	48
410	An undecanuclear Fe(III) single-molecule magnet. <i>Inorganic Chemistry</i> , 2010 , 49, 1-3	5.1	79
409	Heterobimetallic porphyrin-based single-chain magnet constructed from manganese(III)-porphyrin and trans-dicyanobis(acetylacetonato) ruthenate(III) containing co-crystallized bulk anions and cations. <i>Chemical Communications</i> , 2010 , 46, 3550-2	5.8	74
408	Metalloligands for designing single-molecule and single-chain magnets. <i>Dalton Transactions</i> , 2010 , 39, 4886-92	4.3	38
407	Electronic and magnetic study of polycationic Mn(12) single-molecule magnets with a ground spin state S = 11. <i>Inorganic Chemistry</i> , 2010 , 49, 386-96	5.1	15
406	Combining azide, carboxylate, and 2-pyridyloximate ligands in transition-metal chemistry: ferromagnetic Ni(II) ₅ clusters with a bowtie skeleton. <i>Inorganic Chemistry</i> , 2010 , 49, 10486-96	5.1	75
405	A Mn ₃ single-molecule magnet consisting of a supertetrahedron incorporated in a loop. <i>Dalton Transactions</i> , 2010 , 39, 4978-85	4.3	27
404	Synthesis, characterisation and computational studies on a novel one-dimensional arrangement of Schiff-base Mn ₃ single-molecule magnet. <i>Dalton Transactions</i> , 2010 , 39, 7650-8	4.3	29

403	3d-4f clusters with large spin ground states and SMM behaviour. <i>Dalton Transactions</i> , 2010 , 39, 4747-50	4.3	155
402	Ferromagnetic manganese "cubes": from PSII to single-molecule magnets. <i>Dalton Transactions</i> , 2010 , 39, 4777-85	4.3	27
401	New heterometallic [Mn(III)(4)Ln(III)(4)] wheels incorporating formate ligands. <i>Dalton Transactions</i> , 2010 , 39, 3375-7	4.3	50
400	Two-dimensional assembly of [Mn(III)Mn(II)] single-molecule magnets and [Cu(pic)] linking units (Hpic = picolinic acid). <i>Dalton Transactions</i> , 2010 , 39, 4744-6	4.3	18
399	Alpha-benzoin oxime in higher oxidation state 3d metal cluster chemistry: structural and magnetic study of a new Mn(III)(9) complex. <i>Inorganic Chemistry</i> , 2010 , 49, 3077-9	5.1	16
398	Slow magnetic relaxation in a 3D network of cobalt(II) citrate cubanes. <i>Dalton Transactions</i> , 2010 , 39, 4727-9	4.3	28
397	Inducing single-molecule magnetism in a family of loop-of-loops aggregates: heterometallic Mn(40)Na(4) clusters and the homometallic Mn(44) analogue. <i>Journal of the American Chemical Society</i> , 2010 , 132, 16146-55	16.4	112
396	Effect of sequential grafting of magnetic nanoparticles onto metallic and semiconducting carbon-nanotube devices: towards self-assembled multi-dots. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2099		22
395	Assembly of a magnetic polyoxometalate on SWNTs. <i>Nanoscale</i> , 2010 , 2, 139-44	7.7	44
394	Molecular nanomagnets: towards molecular spintronics. <i>International Journal of Nanotechnology</i> , 2010 , 7, 497	1.5	49
393	A heterotrimetallic 3d-3d'-4f single chain magnet constructed from anisotropic high-spin 3d-4f nodes and paramagnetic spacers. <i>Dalton Transactions</i> , 2010 , 39, 4734-6	4.3	91
392	Ein achtkerniger [Cr(III)4Dy(III)4]-3d-4f-Einzelmolekülmagnet. <i>Angewandte Chemie</i> , 2010 , 122, 7746-7750	3.6	23
391	An octanuclear [Cr(III)4Dy(III)4] 3d-4f single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7583-7	16.4	231
390	Magnetization reversal of a single cobalt cluster using a RF field pulse. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1315-1318	2.8	14
389	Observation of the underscreened Kondo effect in a molecular transistor. <i>Physical Review Letters</i> , 2009 , 103, 197202	7.4	84
388	Wernsdorfer, Stamatatos, and Christou Reply. <i>Physical Review Letters</i> , 2009 , 103,	7.4	6
387	From micro- to nano-SQUIDs: applications to nanomagnetism. <i>Superconductor Science and Technology</i> , 2009 , 22, 064013	3.1	191
386	Contacting individual Fe(110) dots in a single electron-beam lithography step. <i>Nanotechnology</i> , 2009 , 20, 285302	3.4	2

385	Optimizing the flux coupling between a nanoSQUID and a magnetic particle using atomic force microscope nanolithography. <i>Superconductor Science and Technology</i> , 2009 , 22, 064010	3.1	20
384	X-Ray Magnetic Circular Dichroism Picks out Single-Molecule Magnets Suitable for Nanodevices. <i>Advanced Materials</i> , 2009 , 21, 167-171	24	75
383	Enhancing the Quantum Properties of Manganese-Lanthanide Single-Molecule Magnets: Observation of Quantum Tunneling Steps in the Hysteresis Loops of a {Mn12Gd} Cluster. <i>Angewandte Chemie</i> , 2009 , 121, 529-532	3.6	27
382	Single-Molecule-Magnet Carbon-Nanotube Hybrids. <i>Angewandte Chemie</i> , 2009 , 121, 760-764	3.6	21
381	Supramolecular Double-Propeller Dimers of Hexanuclear Cu(II)/Ln(III) Complexes: A {Cu3Dy3}2 Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2009 , 121, 1642-1647	3.6	33
380	Iron Polyoxometalate Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2009 , 121, 3123-3127	3.6	53
379	Heterospin single-molecule magnets based on terbium ions and TCNQF(4) radicals: interplay between single-molecule magnet and phonon bottleneck phenomena investigated by dilution studies. <i>Chemistry - A European Journal</i> , 2009 , 15, 11390-400	4.8	52
378	Ferromagnetic Ni(II) discs. <i>Chemistry - A European Journal</i> , 2009 , 15, 12389-98	4.8	27
377	Polymerisation of the dysprosium acetate dimer switches on single-chain magnetism. <i>Chemistry - A European Journal</i> , 2009 , 15, 12566-70	4.8	114
376	Magnetic Bistability of Individual Single-Molecule Magnets Grafted on Single-Wall Carbon Nanotubes. <i>Angewandte Chemie</i> , 2009 , 121, 5049-5052	3.6	22
375	A Polynuclear Lanthanide Single-Molecule Magnet with a Record Anisotropic Barrier. <i>Angewandte Chemie</i> , 2009 , 121, 9653-9656	3.6	76
374	Calix[4]arene-Based Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2009 , 121, 8435-8438	3.6	24
373	Enhancing the quantum properties of manganese-lanthanide single-molecule magnets: observation of quantum tunneling steps in the hysteresis loops of a {Mn12Gd} cluster. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 521-4	16.4	223
372	Single-molecule-magnet carbon-nanotube hybrids. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 746-50	16.4	78
371	Supramolecular "double-propeller" dimers of hexanuclear Cu(II)/Ln(III) complexes: a {Cu3Dy3}2 single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1614-9	16.4	186
370	Iron polyoxometalate single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3077-81	16.4	178
369	Magnetic bistability of individual single-molecule magnets grafted on single-wall carbon nanotubes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4949-52	16.4	93
368	A polynuclear lanthanide single-molecule magnet with a record anisotropic barrier. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9489-92	16.4	535

- 367 Calix[4]arene-based single-molecule magnets. *Angewandte Chemie - International Edition*, **2009**, 48, 8285-8288. 101
- 366 Superconductivity in a single-C60 transistor. *Nature Physics*, **2009**, 5, 876-879 16.2 88
- 365 Low temperature transport spectroscopy of defects using Schottky-barrier MOSFETs. *Physica B: Condensed Matter*, **2009**, 404, 5136-5139 2.8
- 364 Neutron spectroscopy and magnetic relaxation of the Mn6 nanomagnets. *Polyhedron*, **2009**, 28, 1940-1944. 9
- 363 Two-dimensional networks of lanthanide cubane-shaped dumbbells. *Inorganic Chemistry*, **2009**, 48, 11748-54 62
- 362 Twisting, bending, stretching: strategies for making ferromagnetic [Mn(III)3] triangles. *Dalton Transactions*, **2009**, 9157-68 4.3 84
- 361 {Mn6}n single-chain magnet bearing azides and di-2-pyridylketone-derived ligands. *Inorganic Chemistry*, **2009**, 48, 807-9 5.1 72
- 360 Linking high anisotropy Dy3 triangles to create a Dy6 single-molecule magnet. *Chemical Communications*, **2009**, 1100-2 5.8 205
- 359 A Mn17 octahedron with a giant ground-state spin: occurrence in discrete form and as multidimensional coordination polymers. *Inorganic Chemistry*, **2009**, 48, 5049-51 5.1 121
- 358 Trigonal-bipyramidal metal cyanide complexes: a versatile platform for the systematic assessment of the magnetic properties of Prussian blue materials. *Inorganic Chemistry*, **2009**, 48, 3438-52 5.1 73
- 357 Spin maximization from S = 11 to S = 16 in Mn(7) disk-like clusters: spin frustration effects and their computational rationalization. *Inorganic Chemistry*, **2009**, 48, 9831-45 5.1 44
- 356 Quantum tunnelling of magnetization in the single-molecule magnet Mn6. *New Journal of Chemistry*, **2009**, 33, 1231 3.6 12
- 355 A [Mn18Dy] SMM resulting from the targeted replacement of the central MnII in the S = 83/2 [Mn19]-aggregate with DyIII. *Chemical Communications*, **2009**, 544-6 5.8 178
- 354 Molecules based on M(v) (M=Mo, W) and Ni(II) ions: a new class of trigonal bipyramidal cluster and confirmation of SMM behavior for the pentadecanuclear molecule {NiII[NiII(tmphen)(MeOH)]6[Ni(H2O)3]2[micro-CN]30[WV(CN)3]6}. *Dalton Transactions*, **2009**, 5155-63 4.3 59
- 353 Salen-based [Zn2Ln3] complexes with fluorescence and single-molecule-magnet properties. *Inorganic Chemistry*, **2009**, 48, 8051-3 5.1 103
- 352 Ferromagnetic [Mn3] Single-Molecule Magnets and Their Supramolecular Networks. *Australian Journal of Chemistry*, **2009**, 62, 1108 1.2 24
- 351 Attempting to understand (and control) the relationship between structure and magnetism in an extended family of Mn(6) single-molecule magnets. *Dalton Transactions*, **2009**, 3403-12 4.3 139
- 350 Constructing clusters with enhanced magnetic properties by assembling and distorting Mn3 building blocks. *Dalton Transactions*, **2009**, 2812-22 4.3 45

349	Two edge-sharing MnII4MnIII6 supertetrahedra give an anisotropic S = 28 +/- 1 MnII6MnIII11 complex. <i>Dalton Transactions</i> , 2009 , 1901-3	4.3	39
348	Heterotetranuclear oxalato-bridged Re(IV)3M(II) (M = Mn, Fe, Co, Ni, Cu) complexes: a new example of a single-molecule magnet (M = Ni). <i>Inorganic Chemistry</i> , 2009 , 48, 3027-38	5.1	56
347	Realization of a magnet using an antiferromagnetic phase of single-chain magnets. <i>Physical Review Letters</i> , 2009 , 102, 167204	7.4	134
346	Magnetic and 57Fe Mössbauer study of the single molecule magnet behavior of a Dy3Fe7 coordination cluster. <i>Inorganic Chemistry</i> , 2009 , 48, 9345-55	5.1	90
345	Insights into the mechanism of the gas-phase purification of HiPco SWNTs through a comprehensive multi-technique study. <i>New Journal of Chemistry</i> , 2009 , 33, 1211	3.6	12
344	Templating odd numbered magnetic rings: oxovanadium heptagons sandwiched by beta-cyclodextrins. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15100-1	16.4	62
343	Anchoring of rare-earth-based single-molecule magnets on single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15143-51	16.4	163
342	Supramolecular metallomacrocycles based on trans-dicyanoferrite(III) building blocks: synthesis, crystal structure and magnetic properties. <i>Dalton Transactions</i> , 2009 , 2788-94	4.3	35
341	Molecular spintronics using single-molecule magnets 2009 , 194-201		10
340	Quantum phase transition in a single-molecule quantum dot. <i>Nature</i> , 2008 , 453, 633-7	50.4	236
339	Molecular spintronics using single-molecule magnets. <i>Nature Materials</i> , 2008 , 7, 179-86	27	2470
338	High-spin Mn4 and Mn10 molecules: large spin changes with structure in mixed-valence MnII4MnIII6 clusters with azide and alkoxide-based ligands. <i>Inorganic Chemistry</i> , 2008 , 47, 5006-21	5.1	81
337	One-dimensional coordination polymers of antiferromagnetically-coupled [Mn4] single-molecule magnets. <i>Dalton Transactions</i> , 2008 , 755-66	4.3	71
336	Enhancing SMM properties via axial distortion of Mn(III)3 clusters. <i>Chemical Communications</i> , 2008 , 5924-28	4.6	61
335	Mixed-valence tetra- and hexanuclear manganese complexes from the flexibility of pyridine-containing beta-diketone ligands. <i>Inorganic Chemistry</i> , 2008 , 47, 1925-39	5.1	34
334	Microwave-Assisted Magnetization Reversal in Individual Isolated Clusters of Cobalt. <i>IEEE Transactions on Magnetics</i> , 2008 , 44, 2812-2815	2	10
333	Synthesis and characterisation of a Ni4 single-molecule magnet with S4 symmetry. <i>Dalton Transactions</i> , 2008 , 6409-14	4.3	78
332	A single molecule magnet (SMM) with a helicate structure. <i>New Journal of Chemistry</i> , 2008 , 32, 197-200	3.6	54

331	Large Mn ₂₅ single-molecule magnet with spin $S = 51/2$: magnetic and high-frequency electron paramagnetic resonance spectroscopic characterization of a giant spin state. <i>Inorganic Chemistry</i> , 2008 , 47, 9459-70	5.1	49
330	Heterometallic integer-spin analogues of $S = 9/2$ Mn ₄ cubane single-molecule magnets. <i>Inorganic Chemistry</i> , 2008 , 47, 3188-204	5.1	34
329	Breakdown of the giant spin model in the magnetic relaxation of the Mn ₆ nanomagnets. <i>Physical Review Letters</i> , 2008 , 100, 157203	7.4	66
328	Single-molecule magnetism properties of the first strontium-manganese cluster [SrMn ₁₄ O ₁₁ (OMe) ₃ (O ₂ CPh) ₁₈ (MeCN) ₂]. <i>Inorganic Chemistry</i> , 2008 , 47, 1940-8	5.1	16
327	High nuclearity single-molecule magnets: a mixed-valence Mn ₂₆ cluster containing the di-2-pyridylketone diolate dianion. <i>Inorganic Chemistry</i> , 2008 , 47, 10081-9	5.1	60
326	Single-molecule magnets: a family of Mn ^{III} /Ce ^{IV} complexes with a [Mn ₈ Ce ₈ O ₈] ¹²⁺ core. <i>Inorganic Chemistry</i> , 2008 , 47, 4832-43	5.1	63
325	A [Mn ^{III} 3O] ⁷⁺ single-molecule magnet: the anisotropy barrier enhanced by structural distortion. <i>Inorganic Chemistry</i> , 2008 , 47, 10184-6	5.1	46
324	Photoluminescent Mn ₄ single-molecule magnet. <i>Inorganic Chemistry</i> , 2008 , 47, 10798-800	5.1	54
323	Transport spectroscopy of single Pt impurities in silicon using Schottky barrier MOSFETs. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 374125	1.8	5
322	Excited-state spectroscopy of single Pt atoms in Si. <i>Physical Review B</i> , 2008 , 78,	3.3	12
321	Probing the density of states in a metal-oxide-semiconductor field-effect transistor. <i>Physical Review B</i> , 2008 , 78,	3.3	1
320	Mixed valency and magnetism in cyanometallates and Prussian blue analogues. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008 , 366, 127-38	3	37
319	Antiferromagnetic exchange coupling measurements on single Co clusters. <i>Physical Review B</i> , 2008 , 78,	3.3	7
318	Influence of antisymmetric exchange interaction on quantum tunneling of magnetization in a dimeric molecular magnet Mn ₆ . <i>Physical Review B</i> , 2008 , 78,	3.3	21
317	Influence of the Dzyaloshinskii-Moriya exchange interaction on quantum phase interference of spins. <i>Physical Review Letters</i> , 2008 , 101, 237204	7.4	35
316	Energy level lifetimes in the single-molecule magnet Fe ₈ : Experiments and simulations. <i>Physical Review B</i> , 2008 , 77,	3.3	10
315	Quantum dynamics in molecular nanomagnets. <i>Comptes Rendus Chimie</i> , 2008 , 11, 1086-1109	2.7	30
314	Out-of-Equilibrium Singlet-Triplet Kondo Effect in a Single C ₆₀ Quantum Dot. <i>Journal of Low Temperature Physics</i> , 2008 , 153, 350-358	1.3	6

313	Kondo effects in a C60 single-molecule transistor. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 1994-1997	1.3	5
312	Heterometallic [Mn5-Ln4] single-molecule magnets with high anisotropy barriers. <i>Chemistry - A European Journal</i> , 2008 , 14, 3577-84	4.8	250
311	Ground spin state changes and 3D networks of exchange coupled [MnIII3] single-molecule magnets. <i>Chemistry - A European Journal</i> , 2008 , 14, 9117-21	4.8	60
310	Covalently linked dimers of clusters: loop- and dumbbell-shaped Mn24 and Mn26 single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6694-8	16.4	112
309	Covalently Linked Dimers of Clusters: Loop- and Dumbbell-Shaped Mn24 and Mn26 Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2008 , 120, 6796-6800	3.6	14
308	Tuning magnetic properties using targeted structural distortion: New additions to a family of Mn6 single-molecule magnets. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3420-3426	2.7	39
307	Slow quantum relaxation in a tetrairon(III) single-molecule magnet. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3481-3488	2.7	19
306	Hexacyanidometalate molecular chemistry, part III: di-, tri-, tetra-, hexa- and hepta-nuclear chromiumnickel complexes: Control of spin, structural anisotropy, intra- and inter-molecular exchange couplings. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3505-3518	2.7	46
305	A perspective on combining molecular nanomagnets and carbon nanotube electronics. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3807-3819	2.7	30
304	Tetranuclear [Cu-Ln]2 single molecule magnets: synthesis, structural and magnetic studies. <i>Dalton Transactions</i> , 2008 , 1843-9	4.3	130
303	Cobalt(II) citrate cubane single-molecule magnet. <i>Inorganic Chemistry</i> , 2008 , 47, 7438-42	5.1	116
302	A rational approach to the modulation of the dynamics of the magnetisation in a dysprosium-nitronyl-nitroxide radical complex. <i>Chemical Communications</i> , 2007 , 1807-9	5.8	197
301	Photoinduced superparamagnetism in trimetallic coordination nanoparticles. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3778-9	16.4	77
300	A rare ferromagnetic manganese(III) 'cube'. <i>Chemical Communications</i> , 2007 , 153-5	5.8	56
299	Large spin, magnetically anisotropic, octametallc vanadium(iii) clusters with strong ferromagnetic coupling. <i>Chemical Communications</i> , 2007 , 5161-3	5.8	11
298	Synthesis and characterization of a Mn22 single-molecule magnet and a [Mn22]n single-chain magnet. <i>Inorganic Chemistry</i> , 2007 , 46, 9160-71	5.1	77
297	High-nuclearity Ce/Mn and Th/Mn cluster chemistry: preparation of complexes with [Ce4Mn10O10(OMe)6]18+ and [Th6Mn10O22(OH)2]18+ cores. <i>Inorganic Chemistry</i> , 2007 , 46, 3105-15	5.1	65
296	A bell-shaped Mn11Gd2 single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9248-9	16.4	278

295	High-spin Mn wheels. <i>Inorganic Chemistry</i> , 2007 , 46, 6968-79	5.1	51
294	Substituent effect on formation of heterometallic molecular wheels: synthesis, crystal structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2007 , 46, 6029-37	5.1	88
293	Cubane variations: syntheses, structures, and magnetic property analyses of lanthanide(III)-copper(II) architectures with controlled nuclearities. <i>Inorganic Chemistry</i> , 2007 , 46, 6108-19	5.1	91
292	One-dimensional supramolecular organization of single-molecule magnets. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5045-51	16.4	160
291	Studies of a linear single-molecule magnet. <i>Dalton Transactions</i> , 2007 , 5282-9	4.3	28
290	A record anisotropy barrier for a single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2007 , 129, 2754-5	16.4	648
289	Pump-probe experiments on the single-molecule magnet Fe ₈ : measurement of excited level lifetimes. <i>Physical Review Letters</i> , 2007 , 99, 147205	7.4	21
288	Ferromagnetic nanorings. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 255207	1.8	60
287	"Spin tweaking" of a high-spin molecule: an Mn ₂₅ single-molecule magnet with an S=61/2 ground state. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 884-8	16.4	238
286	Spin Tweaking of a High-Spin Molecule: An Mn ₂₅ Single-Molecule Magnet with an S=61/2 Ground State. <i>Angewandte Chemie</i> , 2007 , 119, 902-906	3.6	40
285	Classical and Quantum Magnetization Reversal Studied in Nanometer-Sized Particles and Clusters. <i>Advances in Chemical Physics</i> , 2007 , 99-190		206
284	New derivatives of an enneanuclear Mn SMM. <i>Polyhedron</i> , 2007 , 26, 1845-1848	2.7	13
283	Ferromagnetically-coupled decanuclear, mixed-valence [Mn ₁₀ O ₄ (N ₃) ₄ (hmp) ₁₂] ²⁺ [hmpH=2-(hydroxymethyl)pyridine] clusters with rare T symmetry and an S=22 ground state. <i>Polyhedron</i> , 2007 , 26, 2042-2046	2.7	30
282	A new Mn ₂₅ single-molecule magnet with an S=61/2 ground state arising from ligand-induced spin-tweaking in a high-spin molecule. <i>Polyhedron</i> , 2007 , 26, 2095-2100	2.7	32
281	New Mn ₃ structural motifs in manganese single-molecule magnetism from the use of 2-pyridyloximate ligands. <i>Polyhedron</i> , 2007 , 26, 2165-2168	2.7	59
280	Carbon nanotube based magnetic flux detector for molecular spintronics. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 4351-4355	1.3	3
279	Interface effect on the magnetic anisotropy of CoPt clusters. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e355-e359	2.8	7
278	A single-molecule magnet with a "twist". <i>Journal of the American Chemical Society</i> , 2007 , 129, 8-9	16.4	184

277	Heterometallic cubane single-molecule magnets. <i>Inorganic Chemistry</i> , 2007 , 46, 8126-8	5.1	53
276	Toward a magnetostructural correlation for a family of Mn ₆ SMMs. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12505-11	16.4	329
275	Magnetization dynamics in the single-molecule magnet Fe ₈ under pulsed microwave irradiation. <i>Physical Review B</i> , 2007 , 75,	3.3	33
274	Angular dependence of the depinning field for head-to-head domain walls at constrictions. <i>Journal of Applied Physics</i> , 2007 , 101, 09F509	2.5	12
273	Absence of conventional spin-glass transition in the Ising dipolar system LiHo(x)Y(1-x)F(4). <i>Physical Review Letters</i> , 2007 , 98, 256403	7.4	48
272	Gate-tuned high frequency response of carbon nanotube Josephson junctions. <i>Physical Review Letters</i> , 2007 , 99, 117001	7.4	25
271	Effect of an applied magnetic field on the relaxation time of single-chain magnets. <i>Physical Review B</i> , 2007 , 76,	3.3	27
270	Spin switching via targeted structural distortion. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6547-61	16.4	140
269	Exchange-biased dimers of single-molecule magnets in OFF and ON states. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12918-9	16.4	76
268	"Switching on" the properties of single-molecule magnetism in triangular manganese(III) complexes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9484-99	16.4	206
267	A family of mixed-metal cyanide cubes with alternating octahedral and tetrahedral corners exhibiting a variety of magnetic behaviors including single molecule magnetism. <i>Journal of the American Chemical Society</i> , 2007 , 129, 8139-49	16.4	157
266	Turning up the spin, turning on single-molecule magnetism: from S = 1 to S = 7 in a [Mn(8)] cluster via ligand induced structural distortion. <i>Chemical Communications</i> , 2007 , 2738-40	5.8	52
265	Two frustrated, bitetrahedral single-molecule magnets. <i>Inorganic Chemistry</i> , 2007 , 46, 6215-7	5.1	33
264	Enhancing SMM properties in a family of [Mn ₆] clusters. <i>Chemical Communications</i> , 2007 , 3476-8	5.8	76
263	A mixed-valence Co ₇ single-molecule magnet with C ₃ symmetry. <i>Chemical Communications</i> , 2007 , 3473-5.8	5.8	149
262	A large [Mn ₁₀ Na] ₄ loop of four linked Mn ₁₀ loops. <i>Inorganic Chemistry</i> , 2007 , 46, 3795-7	5.1	56
261	A pentanuclear manganese single-molecule magnet with a large anisotropy. <i>Journal of the American Chemical Society</i> , 2007 , 129, 456-7	16.4	147
260	Al, Ga and In heterometallic wheels and their by-products. <i>Chemical Communications</i> , 2007 , 801-3	5.8	21

259	Single-chain magnet behavior in an alternated one-dimensional assembly of a Mn(III) Schiff-base complex and a TCNQ radical. <i>Chemistry - A European Journal</i> , 2006 , 12, 7028-40	4.8	167
258	Studies of an Fe ₉ tridiminished icosahedron. <i>Chemistry - A European Journal</i> , 2006 , 12, 8961-8	4.8	56
257	Dysprosium triangles showing single-molecule magnet behavior of thermally excited spin states. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1729-33	16.4	754
256	A nonanuclear dysprosium(III)-copper(II) complex exhibiting single-molecule magnet behavior with very slow zero-field relaxation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4659-62	16.4	300
255	High-nuclearity, high-symmetry, high-spin molecules: A mixed-valence Mn ₁₀ cage possessing rare T symmetry and an S = 22 ground state. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4134-7	16.4	151
254	A ferromagnetically coupled mn(19) aggregate with a record S=83/2 ground spin state. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4926-9	16.4	496
253	A family of 3D coordination polymers composed of Mn(19) magnetic units. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7722-5	16.4	122
252	The Building-Block Assembly of a [Ni ₁₂ Mn ₆] Aggregate. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1927-1930	2.3	18
251	Dysprosium Triangles Showing Single-Molecule Magnet Behavior of Thermally Excited Spin States. <i>Angewandte Chemie</i> , 2006 , 118, 1761-1765	3.6	111
250	A Nonanuclear Dysprosium(III) Copper(II) Complex Exhibiting Single-Molecule Magnet Behavior with Very Slow Zero-Field Relaxation. <i>Angewandte Chemie</i> , 2006 , 118, 4775-4778	3.6	66
249	High-Nuclearity, High-Symmetry, High-Spin Molecules: A Mixed-Valence Mn ₁₀ Cage Possessing Rare T symmetry and an S=22 Ground State. <i>Angewandte Chemie</i> , 2006 , 118, 4240-4243	3.6	25
248	A Ferromagnetically Coupled Mn ₁₉ Aggregate with a Record S=83/2 Ground Spin State. <i>Angewandte Chemie</i> , 2006 , 118, 5048-5051	3.6	103
247	A Family of 3D Coordination Polymers Composed of Mn ₁₉ Magnetic Units. <i>Angewandte Chemie</i> , 2006 , 118, 7886-7889	3.6	16
246	Anisotropy engineering in Co nanodiscs fabricated using prepatterned silicon pillars. <i>Nanotechnology</i> , 2006 , 17, 1960-1963	3.4	3
245	Molecular Nanomagnets 2006 , 147-181		1
244	An S = 6 cyanide-bridged octanuclear Fe ^{III} ₄ Ni ^{II} ₄ complex that exhibits slow relaxation of the magnetization. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4214-5	16.4	190
243	Tuning anisotropy barriers in a family of tetrairon(III) single-molecule magnets with an S = 5 ground state. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4742-55	16.4	191
242	Ferromagnetic cobalt metallocycles. <i>Inorganic Chemistry</i> , 2006 , 45, 7038-40	5.1	74

241	One step assembly of a nonanuclear CrIII2NiII7 bimetallic cyanide bridged complex. <i>Chemical Communications</i> , 2006 , 735-7	5.8	19
240	New Mn12 single-molecule magnets from edge-sharing bioctahedra. <i>Dalton Transactions</i> , 2006 , 2285-7	4.3	30
239	Minor changes in phosphonate ligands lead to new hexa- and dodeca-nuclear Mn clusters. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2576		44
238	Phonon-bottleneck enhanced magnetic hysteresis in a molecular paddle wheel complex of Ru25+. <i>Applied Physics Letters</i> , 2006 , 89, 252502	3.4	13
237	Making "wheels" and "cubes" from triangles. <i>Dalton Transactions</i> , 2006 , 3161-3	4.3	33
236	A Heterotetranuclear [NiIIIReIV3] single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14218-9	16.4	87
235	[Fe(bpym)(CN)4]-: a new building block for designing single-chain magnets. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4842-53	16.4	241
234	The properties of the [Mn12O12(O2CR)16(H2O)4] single-molecule magnets in truly axial symmetry: [Mn12O12(O2CCH2Br)16(H2O)4].4CH2Cl2. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6975-89	16.4	156
233	Microwave-assisted synthesis of a hexanuclear Mn(III) single-molecule magnet. <i>Inorganic Chemistry</i> , 2006 , 45, 5272-4	5.1	95
232	A family of [Mn6] complexes featuring tripodal ligands. <i>Inorganic Chemistry</i> , 2006 , 45, 6782-93	5.1	55
231	[Mn7O5(OR)2(O2CPh)9(terpy)] (R = Me, CH2Ph) complexes with a fused cubane/butterfly core and an S = 6 ground-state spin. <i>Inorganic Chemistry</i> , 2006 , 45, 10197-206	5.1	9
230	New valence-sandwich [Mn(II)4Mn(III)4Mn(II)4] aggregate showing single-molecule magnet behavior. <i>Inorganic Chemistry</i> , 2006 , 45, 2376-8	5.1	38
229	Coexistence of magnetization relaxation and dielectric relaxation in a single-chain magnet. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16428-9	16.4	137
228	Heterodinuclear Cu-Tb single-molecule magnet. <i>Inorganic Chemistry</i> , 2006 , 45, 5-7	5.1	241
227	Synthesis, structures, and magnetic properties of tetranuclear CuII-LnIII complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 1924-34	5.1	118
226	Carbon nanotube superconducting quantum interference device. <i>Nature Nanotechnology</i> , 2006 , 1, 53-9	28.7	450
225	Mixed 3d/4d and 3d/4f metal clusters: Tetranuclear Fe2IIIM2III(MIII=Ln,Y) and Mn2IVM2III(M=Yb,Y) complexes, and the first Fe/4f single-molecule magnets. <i>Polyhedron</i> , 2006 , 25, 613-625	2.7	185
224	Fe(III) clusters built with tripodal alcohol ligands. <i>Polyhedron</i> , 2006 , 25, 325-333	2.7	26

223	Classical and Quantum Magnetization Reversal Studied in Nanometer-Sized Particles and Clusters 2006 , 77-127		5
222	Resonant tunneling in truly axial symmetry Mn ₁₂ single-molecule magnets: sharp crossover between thermally assisted and pure quantum tunneling. <i>Physical Review Letters</i> , 2006 , 96, 057208	7.4	99
221	Fast magnetization tunneling in tetranickel(II) single-molecule magnets. <i>Inorganic Chemistry</i> , 2006 , 45, 529-46	5.1	171
220	An azido-bridged disc-like heptanuclear cobalt(II) cluster: towards a single-molecule magnet. <i>Chemical Communications</i> , 2006 , 3302-4	5.8	196
219	The search for 3d-4f single-molecule magnets: synthesis, structure and magnetic properties of a [Mn(III)2Dy(III)2] cluster. <i>Chemical Communications</i> , 2005 , 2086-8	5.8	247
218	A tetranuclear Cr(III)Ni(II) ₃ cyano-bridged complex based on M(tacn) derivative building blocks. <i>Inorganic Chemistry</i> , 2005 , 44, 8194-6	5.1	32
217	Single-molecule magnets: structural characterization, magnetic properties, and (19)F NMR spectroscopy of a Mn(12) family spanning three oxidation levels. <i>Inorganic Chemistry</i> , 2005 , 44, 5304-21	5.1	75
216	Quantum nucleation in a single-chain magnet. <i>Physical Review Letters</i> , 2005 , 95, 237203	7.4	65
215	Synthesis, structure and magnetic properties of a decametallc Ni single-molecule magnet. <i>Chemical Communications</i> , 2005 , 5038-40	5.8	75
214	Formal encapsulation of [Fe(H ₂ O) ₆](3+) by {Fe ₂ (hpdta)} units gives a system of S = 13/2 Fe(III) ₉ oxo clusters showing magnetic hysteresis. <i>Chemical Communications</i> , 2005 , 2098-100	5.8	34
213	High-nuclearity mixed-chelate ferric complexes from a new family of polynuclear precursors. <i>Inorganic Chemistry</i> , 2005 , 44, 3181-9	5.1	27
212	Studies of an enneanuclear manganese single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2005 , 127, 5572-80	16.4	85
211	The first high oxidation state manganese-calcium cluster: relevance to the water oxidizing complex of photosynthesis. <i>Chemical Communications</i> , 2005 , 54-6	5.8	138
210	Single-molecule magnets: structure and properties of [Mn ₁₈ O ₁₄ (O ₂ CMe) ₁₈ (hep) ₄ (hepH) ₂ (H ₂ O) ₂](ClO ₄) ₂ with spin S = 13. <i>Inorganic Chemistry</i> , 2005 , 44, 502-11	5.1	78
209	Single-molecule magnets: a reductive aggregation route to new types of Mn ₁₂ complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 8659-69	5.1	53
208	[Mn ₁₂ O ₁₂ (OMe) ₂ (O ₂ CPh) ₁₆ (H ₂ O) ₂] ₂ - single-molecule magnets and other manganese compounds from a reductive aggregation procedure. <i>Inorganic Chemistry</i> , 2005 , 44, 6324-38	5.1	67
207	Synthesis and spectroscopic characterization of a new family of Ni(4) spin clusters. <i>Inorganic Chemistry</i> , 2005 , 44, 4315-25	5.1	86
206	Quantum tunneling and quantum phase interference in a [Mn(II)2Mn(III)2] single-molecule magnet. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11311-7	16.4	123

205	Synthesis, structure and magnetic properties of a trinuclear [Mn(III)Mn(II) ₂] single-molecule magnet. <i>Chemical Communications</i> , 2005 , 2083-5	5.8	43
204	Direct observation of domain-wall pinning at nanoscale constrictions. <i>Applied Physics Letters</i> , 2005 , 87, 102509	3.4	118
203	Slow relaxation in a one-dimensional rational assembly of antiferromagnetically coupled [Mn ₄] single-molecule magnets. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17353-63	16.4	164
202	Magnetic anisotropy and magnetization reversal studied in individual nanoparticles 2005 , 263-298		1
201	Single-chain magnet (NEt ₄)[Mn ₂ (5-MeOsalen) ₂ Fe(CN) ₆] Made of Mn(III)-Fe(III)-Mn(III) trinuclear single-molecule magnet with an S(T) = 9/2 spin ground state. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3090-9	16.4	410
200	Nuclear spin driven quantum tunneling of magnetization in a new lanthanide single-molecule magnet: bis(phthalocyaninato)holmium anion. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3650-1	16.4	453
199	Initial example of a triangular single-molecule magnet from ligand-induced structural distortion of a [MnIII ₃ O] ⁷⁺ complex. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15380-1	16.4	162
198	One-dimensional chain of tetranuclear manganese single-molecule magnets. <i>Inorganic Chemistry</i> , 2005 , 44, 3377-9	5.1	84
197	What makes a single molecule magnet?. <i>Polyhedron</i> , 2005 , 24, 2864-2869	2.7	33
196	Single-molecule magnets: synthesis, structures and magnetic properties of Mn ₁₁ and Mn ₂₅ clusters. <i>Polyhedron</i> , 2005 , 24, 2894-2899	2.7	25
195	Magnetic and theoretical characterization of a ferromagnetic Mn(III) dimer. <i>Polyhedron</i> , 2005 , 24, 2450-2454	2.7	26
194	Two isomeric [Mn ₁₂ O ₁₂ (OMe) ₂ (O ₂ CPh) ₁₆ (H ₂ O) ₂] ²⁺ single-molecule magnets and a MnIII polymer prepared by a reductive aggregation synthetic route. <i>Polyhedron</i> , 2005 , 24, 2505-2512	2.7	12
193	Origin of the fast magnetization tunneling in tetranuclear nickel single-molecule magnets. <i>Polyhedron</i> , 2005 , 24, 2280-2283	2.7	24
192	[Mn ₄ (hmp) ₆ (CH ₃ CN) ₂ (H ₂ O) ₄] ⁴⁺ : A new single-molecule magnet with the highest blocking temperature in the Mn ₄ /hmp family of compounds. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 626-630	3.1	42
191	Slow relaxation of magnetisation in an octanuclear cobalt(II) phosphonate cage complex. <i>Chemical Communications</i> , 2005 , 5029-31	5.8	137
190	New structural motifs in manganese single-molecule magnetism from the use of triethanolamine ligands. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 892-6	16.4	148
189	DFT computational rationalization of an unusual spin ground state in an Mn ₁₂ single-molecule magnet with a low-symmetry loop structure. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 897-901	16.4	153
188	Quantum tunneling of magnetization in lanthanide single-molecule magnets: bis(phthalocyaninato)terbium and bis(phthalocyaninato)dysprosium anions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2931-5	16.4	531

187	Hierarchical assembly of {Fe ₁₃ } oxygen-bridged clusters into a close-packed superstructure. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6678-82	16.4	75
186	Phosphonate ligands stabilize mixed-valent {Mn(III) (20-x)Mn(II) _x } clusters with large spin and coercivity. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5044-8	16.4	224
185	Linking centered manganese triangles into larger clusters: a {Mn ₃₂ } truncated cube. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6540-3	16.4	98
184	Linking rings through diamines and clusters: exploring synthetic methods for making magnetic quantum gates. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6496-500	16.4	77
183	New Structural Motifs in Manganese Single-Molecule Magnetism from the Use of Triethanolamine Ligands. <i>Angewandte Chemie</i> , 2005 , 117, 914-918	3.6	22
182	DFT Computational Rationalization of an Unusual Spin Ground State in an Mn ₁₂ Single-Molecule Magnet with a Low-Symmetry Loop Structure. <i>Angewandte Chemie</i> , 2005 , 117, 919-923	3.6	37
181	Quantum Tunneling of Magnetization in Lanthanide Single-Molecule Magnets: Bis(phthalocyaninato)terbium and Bis(phthalocyaninato)dysprosium Anions. <i>Angewandte Chemie</i> , 2005 , 117, 2991-2995	3.6	92
180	Hierarchical Assembly of {Fe ₁₃ } Oxygen-Bridged Clusters into a Close-Packed Superstructure. <i>Angewandte Chemie</i> , 2005 , 117, 6836-6840	3.6	18
179	Phosphonate Ligands Stabilize Mixed-Valent {Mn ^{III} 20xMn ^{II} x} Clusters with Large Spin and Coercivity. <i>Angewandte Chemie</i> , 2005 , 117, 5172-5176	3.6	49
178	Linking Centered Manganese Triangles into Larger Clusters: A {Mn ₃₂ } Truncated Cube. <i>Angewandte Chemie</i> , 2005 , 117, 6698-6701	3.6	14
177	Linking Rings through Diamines and Clusters: Exploring Synthetic Methods for Making Magnetic Quantum Gates. <i>Angewandte Chemie</i> , 2005 , 117, 6654-6658	3.6	18
176	Landau-Zener tunneling in the presence of weak intermolecular interactions in a crystal of Mn ₄ single-molecule magnets. <i>Physical Review B</i> , 2005 , 72,	3.3	47
175	Quantum phase interference and spin-parity in Mn ₁₂ single-molecule magnets. <i>Physical Review Letters</i> , 2005 , 95, 037203	7.4	94
174	Controlled and reproducible domain wall displacement by current pulses injected into ferromagnetic ring structures. <i>Physical Review Letters</i> , 2005 , 94, 106601	7.4	281
173	Resonant photon absorption and hole burning in Cr ₇ Ni antiferromagnetic rings. <i>Physical Review B</i> , 2005 , 72,	3.3	25
172	Resonant photon absorption in Fe ₈ single-molecule magnets detected via magnetization measurements. <i>Physical Review B</i> , 2005 , 72,	3.3	23
171	Field-sweep-rate dependence of the coercive field of single-molecule magnets: A classical approach with applications to the quantum regime. <i>Physical Review B</i> , 2005 , 72,	3.3	13
170	Synthesis and characterisation of a [Ni ₈] single molecule magnet and another octanuclear nickel cage. <i>Chemical Communications</i> , 2005 , 2808-10	5.8	106

169	Angular dependence of magnetization switching for a multidomain dot: Experiment and simulation. <i>Physical Review B</i> , 2004 , 70,	3.3	17
168	Magnetic Nanostructures from Clusters 2004 , 371-394		0
167	Glauber dynamics in a single-chain magnet: From theory to real systems. <i>Physical Review B</i> , 2004 , 69,	3.3	189
166	A family of manganese rods: syntheses, structures, and magnetic properties. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15445-57	16.4	159
165	Determination of the magnetic anisotropy axes of single-molecule magnets. <i>Physical Review B</i> , 2004 , 70,	3.3	77
164	Two-body tunnel transitions in a Mn4 single-molecule magnet. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1109-1110	2.8	1
163	Energy-barrier enhancement by ligand substitution in tetrairon(III) single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1136-9	16.4	124
162	Giant single-molecule magnets: a [Mn84] torus and its supramolecular nanotubes. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2117-21	16.4	776
161	A dimeric manganese(III) tetradentate schiff base complex as a single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2801-5	16.4	242
160	Polycationic Mn12 single-molecule magnets as electron reservoirs with S > 10 ground states. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6152-6	16.4	70
159	Building molecular minerals: all ferric pieces of molecular magnetite. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5772-5	16.4	80
158	A reductive-aggregation route to [Mn12O12(OMe)2(O2CPh)16(H2O)2]2- single-molecule magnets related to the [Mn12] family. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6338-42	16.4	62
157	Resonant Quantum Tunneling in a New Tetranuclear Iron(III)-Based Single-Molecule Magnet. <i>Advanced Materials</i> , 2004 , 16, 1101-1105	24	76
156	Energy-Barrier Enhancement by Ligand Substitution in Tetrairon(III) Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2004 , 116, 1156-1159	3.6	17
155	Giant Single-Molecule Magnets: A {Mn84} Torus and Its Supramolecular Nanotubes. <i>Angewandte Chemie</i> , 2004 , 116, 2169-2173	3.6	165
154	A Dimeric Manganese(III) Tetradentate Schiff Base Complex as a Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2004 , 116, 2861-2865	3.6	43
153	Polycationic Mn12 Single-Molecule Magnets as Electron Reservoirs with S>10 Ground States. <i>Angewandte Chemie</i> , 2004 , 116, 6278-6282	3.6	2
152	Building Molecular Minerals: All Ferric Pieces of Molecular Magnetite. <i>Angewandte Chemie</i> , 2004 , 116, 5896-5899	3.6	14

151	A Reductive-Aggregation Route to [Mn ₁₂ O ₁₂ (OMe) ₂ (O ₂ CPh) ₁₆ (H ₂ O) ₂] Single-Molecule Magnets Related to the [Mn ₁₂] Family. <i>Angewandte Chemie</i> , 2004 , 116, 6498-6502	3.6	9
150	Titelbild: Giant Single-Molecule Magnets: A {Mn ₈₄ } Torus and Its Supramolecular Nanotubes (Angew. Chem. 16/2004). <i>Angewandte Chemie</i> , 2004 , 116, 2091-2091	3.6	2
149	An Ni ₄ Single-Molecule Magnet: Synthesis, Structure and Low-Temperature Magnetic Behavior. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 2219-2222	2.3	139
148	New routes to polymetallic clusters: fluoride-based tri-, deca-, and hexaicosametallic Mn ^{III} clusters and their magnetic properties. <i>Chemistry - A European Journal</i> , 2004 , 10, 5180-94	4.8	109
147	Micro-Hall magnetometry on a Co-organic chain compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1079-1080	2.8	2
146	Inter-cluster coupling effects in high-spin molecular magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E763-E764	2.8	
145	Tuneable energy barriers in tetrairon(III) single-molecule magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E749-E751	2.8	4
144	Simulation of magnetisation switching by non-linear resonance. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1221-E1222	2.8	1
143	Evidence for resonant magnetic tunneling of rare-earth ions: from insulating to metallic matrix. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1024-1029	2.8	15
142	Quantum dynamics of exchange biased single-molecule magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1037-1041	2.8	13
141	Effects of intercluster coupling in high spin molecular magnets. <i>Journal of Physics and Chemistry of Solids</i> , 2004 , 65, 745-748	3.9	12
140	Domain wall behaviour at constrictions in ferromagnetic ring structures. <i>Physica B: Condensed Matter</i> , 2004 , 343, 343-349	2.8	36
139	Antiferromagnetic order in a supramolecular assembly of manganese trimers based on imidazole and Schiff-base ligands. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 1281-1284	3.1	18
138	Mixed-valence Mn ^{III} Mn ^{IV} clusters [Mn ₇ O ₈ (O ₂ SePh) ₈ (O ₂ CMe)(H ₂ O)] and [Mn ₇ O ₈ (O ₂ SePh) ₉ (H ₂ O)]: single-chain magnets exhibiting quantum tunneling of magnetization. <i>Inorganic Chemistry</i> , 2004 , 43, 5919-30	5.1	140
137	Synthesis and characterization of a new family of bi-, tri-, tetra-, and pentanuclear ferric complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 5053-68	5.1	40
136	Synthesis, structure, and magnetic properties of a [Mn ₂₂] wheel-like single-molecule magnet. <i>Inorganic Chemistry</i> , 2004 , 43, 4203-9	5.1	139
135	Single-molecule magnets: preparation and properties of low symmetry [Mn ₄ O ₃ (O ₂ CPh-R) ₄ (dbm) ₃] complexes with S = 9/2. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12503-16	16.4	82
134	Single-molecule magnets: a Mn ₂₅ complex with a record S = 51/2 spin for a molecular species. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4766-7	16.4	406

133	Synthesis and magnetism of oxygen-bridged tetranuclear defect dicubane Co(II) and Ni(II) clusters. <i>Dalton Transactions</i> , 2004 , 2670-6	4.3	85
132	A family of Mn ₁₆ single-molecule magnets from a reductive aggregation route. <i>Inorganic Chemistry</i> , 2004 , 43, 7315-23	5.1	70
131	Initial observation of magnetization hysteresis and quantum tunneling in mixed manganese-lanthanide single-molecule magnets. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15648-9	16.4	474
130	Switching processes and switching reproducibility in ferromagnetic ring structures. <i>Applied Physics Letters</i> , 2004 , 84, 951-953	3.4	50
129	Synthesis, structure, and magnetic properties of a Mn(21) single-molecule magnet. <i>Inorganic Chemistry</i> , 2004 , 43, 4137-44	5.1	136
128	Magnetic anisotropy in single clusters. <i>Physical Review B</i> , 2004 , 69,	3.3	143
127	Single-molecule magnets: a large Mn ₃₀ molecular nanomagnet exhibiting quantum tunneling of magnetization. <i>Journal of the American Chemical Society</i> , 2004 , 126, 2156-65	16.4	260
126	Course 15 Quantum tunnelling of magnetization in molecular nanomagnets. <i>Les Houches Summer School Proceedings</i> , 2004 , 79, 561-590		
125	Resonant photon absorption in the low-spin molecule V 15. <i>Europhysics Letters</i> , 2004 , 66, 861-867	1.6	47
124	Magnetoresistance magnetometry of (Ni ₈₀ Fe ₂₀) _{1-x} Ir _x wires with varying anisotropic magnetoresistance ratio. <i>Journal of Applied Physics</i> , 2003 , 93, 8104-8106	2.5	4
123	Magnetic and optical studies on an S = 6 ground-state cluster [Cr ₁₂ O ₉ (OH) ₃ (O ₂ CCMe ₃) ₁₅]: determination of, and the relationship between, single-ion and cluster spin Hamiltonian parameters. <i>Inorganic Chemistry</i> , 2003 , 42, 5293-303	5.1	46
122	Surface effects in noninteracting and interacting Fe ₂ O ₃ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 262, 6-14	2.8	119
121	Cyanide-Bridged Iron(III)Cobalt(II) Double Zigzag Ferromagnetic Chains: Two New Molecular Magnetic Nanowires. <i>Angewandte Chemie</i> , 2003 , 115, 1521-1524	3.6	72
120	Cyanide-bridged iron(III)-cobalt(II) double zigzag ferromagnetic chains: two new molecular magnetic nanowires. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1483-6	16.4	330
119	Exchange bias in Ni ₄ single-molecule magnets. <i>Polyhedron</i> , 2003 , 22, 1727-1733	2.7	164
118	Magnetization tunneling in an enneanuclear manganese cage. <i>Polyhedron</i> , 2003 , 22, 1771-1775	2.7	27
117	Mn ₄ single-molecule magnets with a planar diamond core and S = 9. <i>Polyhedron</i> , 2003 , 22, 1857-1863	2.7	83
116	Search for new iron single-molecule magnets. <i>Polyhedron</i> , 2003 , 22, 1865-1870	2.7	12

- 115 [Mn 18] 2+ and [Mn 21] 4+ single-molecule magnets. *Polyhedron*, **2003**, 22, 2267-2271 2.7 41
- 114 Hexacyanometalate molecular chemistry: trinuclear CrNi₂ complexes; micro-SQUID magnetisation studies of intermolecular interactions. *Polyhedron*, **2003**, 22, 2427-2433 2.7 7
- 113 Single-molecule magnetism behavior of [Mn₁₂O₁₂(O₂CR)₁₆(H₂O)₄]²⁻ salts. *Polyhedron*, **2003**, 22, 1777-1782 2.7 26
- 112 New example of Jahn-Teller isomerism in [Mn₁₂O₁₂(O₂CR)₁₆(H₂O)₄] complexes. *Polyhedron*, **2003**, 22, 1783-1788 2.7 18
- 111 Switching of magnetization by nonlinear resonance studied in single nanoparticles. *Nature Materials*, **2003**, 2, 524-7 27 366
- 110 Heptanuclear and decanuclear manganese complexes with the anion of 2-hydroxymethylpyridine. *Inorganic Chemistry*, **2003**, 42, 7067-76 5.1 121
- 109 Single-molecule magnets: two-electron reduced version of a Mn₁₂ complex and environmental influences on the magnetization relaxation of (PPh₄)₂[Mn₁₂O₁₂(O₂CCHCl₂)₁₆(H₂O)₄]. *Journal of the American Chemical Society*, **2003**, 125, 3576-88 16.4 144
- 108 A novel undecametallic iron(III) cluster with an S = (11)/(2) spin ground state. *Inorganic Chemistry*, **2003**, 42, 6601-3 5.1 64
- 107 [Mn₂(saltmen)₂Ni(pao)₂(L)₂](A)₂ with L=pyridine, 4-picoline, 4-tert-butylpyridine, N-methylimidazole and A=ClO₄⁻, BF₄⁻, PF₆⁻, ReO₄⁻: a family of single-chain magnets. *Inorganic Chemistry*, **2003**, 42, 8203-13 5.1 202
- 106 Template synthesis and single-molecule magnetism properties of a complex with spin S = 16 and a [Mn₈O₈]⁸⁺ saddle-like core. *Journal of the American Chemical Society*, **2003**, 125, 15274-5 16.4 96
- 105 Synthesis and Properties of Magnetic Cobalt-Barium Nanocluster Assemblies. *International Journal of Nanoscience*, **2003**, 02, 75-83 0.6 14
- 104 Ferromagnetic and antiferromagnetic intermolecular interactions in a new family of Mn₄ complexes with an energy barrier to magnetization reversal. *Journal of the American Chemical Society*, **2003**, 125, 14046-58 16.4 112
- 103 Quantum tunneling in a three-dimensional network of exchange-coupled single-molecule magnets. *Physical Review B*, **2003**, 68, 3-3 66
- 102 Dodecanuclear and octanuclear manganese rods. *Chemical Communications*, **2003**, 1276-7 5.8 64
- 101 Single-molecule magnets. A Mn₁₂ complex with mixed carboxylate-sulfonate ligation: [Mn₁₂O₁₂(O₂CMe)₈(O₃SPh)₈(H₂O)₄]. *Dalton Transactions*, **2003**, 2243 4.3 51
- 100 Photon-assisted tunneling in a Fe₈ single-molecule magnet. *Physical Review B*, **2003**, 68, 3-3 56
- 99 Single-molecule magnets: control by a single solvent molecule of Jahn-Teller isomerism in [Mn₁₂O₁₂(O₂CCH₂Bu(t))₁₆(H₂O)₄]. *Chemical Communications*, **2003**, 2672-3 5.8 72
- 98 High-frequency electron paramagnetic resonance investigations of tetranuclear nickel-based single-molecule magnets. *Journal of Applied Physics*, **2003**, 93, 7807-7809 2.5 54

97	Domain wall pinning and controlled magnetic switching in narrow ferromagnetic ring structures with notches (invited). <i>Journal of Applied Physics</i> , 2003 , 93, 7885-7890	2.5	31
96	Adiabatic Landau-Zener-Stückelberg transition with or without dissipation in the low-spin molecular system V15. <i>Physical Review B</i> , 2003 , 67,	3.3	80
95	Spin quantum tunneling via entangled states in a dimer of exchange-coupled single-molecule magnets. <i>Physical Review Letters</i> , 2003 , 91, 227203	7.4	80
94	Domain wall motion induced by spin polarized currents in ferromagnetic ring structures. <i>Applied Physics Letters</i> , 2003 , 83, 105-107	3.4	157
93	Domain wall pinning in narrow ferromagnetic ring structures probed by magnetoresistance measurements. <i>Physical Review Letters</i> , 2003 , 90, 097202	7.4	169
92	Quantum Tunneling of the Magnetization in Molecular Nanoclusters. <i>Springer Series in Cluster Physics</i> , 2003 , 55-82		2
91	Resistless patterning of quantum nanostructures by local anodization with an atomic force microscope. <i>Microelectronic Engineering</i> , 2002 , 61-62, 517-522	2.5	8
90	Tunneling of magnetization versus spin-phonon and spin-spin transitions in LiY0.998Ho0.002F4. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 1106-1108	2.8	2
89	Micro-SQUID technique for studying the temperature dependence of switching fields of single nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 993-995	2.8	9
88	Studies of a nickel-based single-molecule magnet. <i>Chemistry - A European Journal</i> , 2002 , 8, 4867-76	4.8	179
87	Niobium and niobium nitride SQUIDs based on anodized nanobridges made with an atomic force microscope. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 368, 211-217	1.3	42
86	Magnetisation reversal by uniform rotation (Stoner-Wohlfarth model) in FCC cobalt nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 242-245, 132-138	2.8	33
85	Exchange-biased quantum tunnelling in a supramolecular dimer of single-molecule magnets. <i>Nature</i> , 2002 , 416, 406-9	50.4	864
84	Magnetization reversal of individual nanowires with controlled defects. <i>Journal of Applied Physics</i> , 2002 , 91, 7059	2.5	7
83	Temperature dependence of switching fields of single 3 nm cobalt nanoparticles. <i>Journal of Applied Physics</i> , 2002 , 91, 7062	2.5	8
82	Quantum phase interference (Berry phase) in single-molecule magnets of [Mn ₁₂] ^{II}	2.5	92
81	Magnetic ordering in a high-spin Fe ₁₉ molecular nanomagnet. <i>Physical Review B</i> , 2002 , 66,	3.3	41
80	Controlled magnetic switching in single narrow rings probed by magnetoresistance measurements. <i>Applied Physics Letters</i> , 2002 , 81, 108-110	3.4	107

79	The V15Molecule, a Multi-Spin Two-Level System: Adiabatic LZS Transition with or without Dissipation and Kramers Theorem. <i>Progress of Theoretical Physics Supplement</i> , 2002 , 145, 357-369		19
78	Half-Integer Spin Molecular Nanomagnets. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 746, 1		1
77	Single-molecule magnets: novel Mn(8) and Mn(9) carboxylate clusters containing an unusual pentadentate ligand derived from pyridine-2,6-dimethanol. <i>Inorganic Chemistry</i> , 2002 , 41, 5107-18	5.1	112
76	Pentanuclear octacyanotungstate(V)-based molecule with a high spin ground state $S = (13/2)$. <i>Inorganic Chemistry</i> , 2002 , 41, 1323-7	5.1	85
75	Cobalt single-molecule magnet. <i>Journal of Applied Physics</i> , 2002 , 91, 7382	2.5	238
74	Quantum tunneling of magnetization in a new $[Mn_{18}]^{2+}$ single-molecule magnet with $s = 13$. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9710-1	16.4	171
73	Spin-parity dependent tunneling of magnetization in single-molecule magnets. <i>Physical Review B</i> , 2002 , 65,	3.3	129
72	Two new hexanuclear iron(III) complexes with $S = 5$ ground states. <i>Dalton Transactions RSC</i> , 2002 , 4005-4010		36
71	New routes to high nuclearity cages: a fluoride-based hexaicosametallic manganese cage. <i>Chemical Communications</i> , 2002 , 2974-5	5.8	61
70	Spin-spin cross relaxation in single-molecule magnets. <i>Physical Review Letters</i> , 2002 , 89, 197201	7.4	112
69	Magnetic properties of an individual co-nanoparticle. <i>Scripta Materialia</i> , 2001 , 44, 1371-1374	5.6	6
68	Isotopic effect on the quantum tunneling of the magnetization of molecular nanomagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1954-1960	2.8	8
67	Magnetization reversal of a 1000-atoms cobalt cluster. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 1833-1834	2.8	7
66	Interface magnetic anisotropy in cobalt clusters embedded in a platinum matrix. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 237, 293-301	2.8	38
65	Josephson junctions and superconducting quantum interference devices made by local oxidation of niobium ultrathin films. <i>Applied Physics Letters</i> , 2001 , 79, 123-125	3.4	73
64	Nuclear spin driven quantum relaxation in $LiY_{0.998}Ho_{0.002}F_4$. <i>Physical Review Letters</i> , 2001 , 87, 057203	7.4	149
63	Studies of a nickel-based single molecule magnet: resonant quantum tunnelling in an $S = 12$ molecule. <i>Chemical Communications</i> , 2001 , 2666-2667	5.8	207
62	Magnetic anisotropy of a single cobalt nanocluster. <i>Physical Review Letters</i> , 2001 , 86, 4676-9	7.4	352

61	MQT of Magnetic Particles 2001 , 195-205		
60	Quantum Effects in the Dynamics of the Magnetization in Single Molecule Magnets 2001 , 215-223		
59	Classical and quantum magnetisation reversal studied in single nanometer-sized particles and clusters using micro-SQUIDs. <i>Physica B: Condensed Matter</i> , 2000 , 280, 264-268	2.8	6
58	Quantum hole digging in magnetic molecular clusters. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1229-1230	2.8	3
57	Quantum phase interference in magnetic molecular clusters. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1231-1232	2.8	7
56	Non-adiabatic Landau-Zener transitions in low-spin molecular magnet V15. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 221, 103-109	2.8	73
55	A S = 7 Ground Spin-State Cluster Built from Three Shells of Different Spin Carriers Ferromagnetically Coupled, Transition-Metal Ions and Nitroxide Free Radicals. <i>Journal of the American Chemical Society</i> , 2000 , 122, 718-719	16.4	172
54	Nonadiabatic Landau-Zener tunneling in Fe 8 molecular nanomagnets. <i>Europhysics Letters</i> , 2000 , 50, 552-558	2.5	144
53	Quantum tunneling of magnetization in Mn ₁₂ Bz clusters: Evidences of spin parity effect. <i>Journal of Applied Physics</i> , 2000 , 87, 6004-6006	2.5	6
52	Wernsdorfer, paulsen, and sessoli reply.. <i>Physical Review Letters</i> , 2000 , 84, 5678	7.4	12
51	Landau-Zener method to study quantum phase interference of Fe ₈ molecular nanomagnets (invited). <i>Journal of Applied Physics</i> , 2000 , 87, 5481-5486	2.5	80
50	Effects of nuclear spins on the quantum relaxation of the magnetization for the molecular nanomagnet Fe ₈ . <i>Physical Review Letters</i> , 2000 , 84, 2965-8	7.4	142
49	Environmental effects on big molecule with spin 1/2. <i>Journal of Applied Physics</i> , 2000 , 87, 5496-5498	2.5	12
48	Uniform rotation of magnetization measured in single nanometer-sized particles. <i>Journal of Applied Physics</i> , 2000 , 87, 5097-5098	2.5	7
47	Single nanoparticle measurement techniques. <i>Journal of Applied Physics</i> , 2000 , 87, 5094-5096	2.5	76
46	Towards nanostructured arrays of single molecule magnets: new Fe ₁₉ oxyhydroxide clusters displaying high ground state spins and hysteresis. <i>Dalton Transactions RSC</i> , 2000 , 1835-1840		183
45	Butterfly hysteresis loop and dissipative spin reversal in the S = 1/2, V15 molecular complex. <i>Physical Review Letters</i> , 2000 , 84, 3454-7	7.4	226
44	Structure and magnetism of well defined cobalt nanoparticles embedded in a niobium matrix. <i>Physical Review B</i> , 2000 , 62, 493-499	3.3	79

43	Magnetic Properties of an Individual Fe ₃ O ₄ Nanoparticle. <i>Langmuir</i> , 2000 , 16, 11-14	4	16
42	Magnetism of Nanometer-Sized Particles and Clusters. <i>Springer Series in Cluster Physics</i> , 2000 , 211-236		3
41	Nuclear-spin-driven resonant tunnelling of magnetisation in Mn ₁₂ acetate. <i>Europhysics Letters</i> , 1999 , 47, 254-259	1.6	109
40	Magnetic relaxation in GdFe/TbFe/GdFe trilayers: Dynamic study of the propagation of a 180° domain wall through an artificial energy barrier. <i>Physical Review B</i> , 1999 , 60, 1204-1210	3.3	15
39	Observation of the Distribution of Molecular Spin States by Resonant Quantum Tunneling of the Magnetization. <i>Physical Review Letters</i> , 1999 , 82, 3903-3906	7.4	190
38	Arrays of ultrathin Fe(1 1 0) 200-nm-wide particles investigated by microSQUID measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 198-199, 228-230	2.8	6
37	The molecular approach to nanoscale magnetism. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 200, 182-201	2.8	185
36	Enhanced Coercivity in Submicrometer-Sized Ultrathin Epitaxial Dots with In-Plane Magnetization. <i>Physical Review Letters</i> , 1999 , 82, 1305-1308	7.4	83
35	Quantum phase interference and parity effects in magnetic molecular clusters. <i>Science</i> , 1999 , 284, 133-135	3.3	1296
34	Three-Dimensional Magnetization Reversal Measurements in Nanoparticles. <i>Physical Review Letters</i> , 1999 , 83, 4188-4191	7.4	78
33	Quantum Tunneling in Magnetic Molecules and Single Particles 1999 , 157-162		
32	Thermally Activated Relaxation Time of a Single Domain Ferromagnetic Particle Subjected to a Uniform Field at an Oblique Angle to the Easy Axis: Comparison with Experimental Observations. <i>Physical Review Letters</i> , 1998 , 80, 5655-5658	7.4	166
31	Magnetization reversal measurements of size-selected iron oxide particles produced via an aerosol route. <i>Applied Organometallic Chemistry</i> , 1998 , 12, 315-320	3.1	7
30	Single particle measurement showing agreement with the model of uniform rotation. <i>IEEE Transactions on Magnetics</i> , 1998 , 34, 979-981	2	10
29	Range of validity of Kramers escape rates for non-axially symmetric problems in superparamagnetic relaxation. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, 9093-9109	1.8	12
28	Magnetization reversal in individual nanoparticles: macroscopic quantum tunneling of magnetization. <i>IEEE Transactions on Magnetics</i> , 1998 , 34, 973-978	2	6
27	Magnetic behavior and resistivity of the domain-wall junction GdFe(1000 Å)/TbFe/GdFe(500 Å). <i>Physical Review B</i> , 1998 , 58, 2748-2757	3.3	28
26	Magnetic relaxation of nanowires: beyond the Néel-Brown activation process. <i>Europhysics Letters</i> , 1997 , 38, 329-334	1.6	14

25	Dynamical measurements of nucleation and propagation in a domain wall junction at low temperature. <i>Europhysics Letters</i> , 1997 , 39, 675-683	1.6	16
24	Submicron to Nanometer Size Single Particle Measurements. <i>Materials Research Society Symposia Proceedings</i> , 1997 , 475, 265		3
23	Mesoscopic effects in magnetism: Submicron to nanometer size single particle measurements. <i>Journal of Applied Physics</i> , 1997 , 81, 5543-5545	2.5	20
22	Measurements of magnetization switching in individual nickel nanowires. <i>Physical Review B</i> , 1997 , 55, 11552-11559	3.3	125
21	Macroscopic Quantum Tunneling of Magnetization of Single Ferrimagnetic Nanoparticles of Barium Ferrite. <i>Physical Review Letters</i> , 1997 , 79, 4014-4017	7.4	199
20	Angular Dependence of Magnetization Reversal and Néel Brown Theory 1997 , 283-292		
19	The effect of artemisinin on granulocyte function assessed by flow cytometry. <i>Journal of Antimicrobial Chemotherapy</i> , 1997 , 39, 99-101	5.1	14
18	Experimental Evidence of the Néel-Brown Model of Magnetization Reversal. <i>Physical Review Letters</i> , 1997 , 78, 1791-1794	7.4	543
17	Quantum tunneling effect in magnetic particles. <i>Current Opinion in Solid State and Materials Science</i> , 1997 , 2, 220-225	12	11
16	Static and dynamical study of the passage of a 180° domain wall over an artificial energy barrier. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 165, 13-16	2.8	9
15	From the superparamagnetic to the magnetically ordered state in systems of transition metal clusters embedded in matrices. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 165, 42-45	2.8	22
14	Nucleation of Magnetization Reversal in Individual Nanosized Nickel Wires. <i>Physical Review Letters</i> , 1996 , 77, 1873-1876	7.4	360
13	Magnetization reversal in single ferromagnetic Ni and Co particles. <i>European Physical Journal D</i> , 1996 , 46, 2137-2138		2
12	Dynamical measurement of domain-wall nucleation and annihilation in individual amorphous Co particles. <i>Physical Review B</i> , 1996 , 53, 3341-3347	3.3	56
11	Linear-response theory applied to the dynamics of submicronic magnetic particles. <i>Physical Review B</i> , 1996 , 53, 6536-6542	3.3	8
10	How to Measure Persistent Currents in a Mesoscopic Ring 1996 , 207-219		
9	Magnetization of single magnetic particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 389-390	2.8	13
8	DC-SQUID magnetization measurements of single magnetic particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 145, 33-39	2.8	160

7	Measurement of the dynamics of the magnetization reversal in individual single-domain Co particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 151, 38-44	2.8	46
6	Mesoscopic quantum tunneling of the magnetization. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 1825-1828	2.8	118
5	High sensitivity magnetization measurements of nanoscale cobalt clusters. <i>Journal of Applied Physics</i> , 1995 , 78, 7192-7195	2.5	73
4	Serum laminin in malaria. <i>Journal of Clinical Pathology</i> , 1994 , 47, 787-9	3.9	5
3	Soluble intercellular adhesion molecule-1 (ICAM-1), endothelial leukocyte adhesion molecule-1 (ELAM-1), and tumor necrosis factor receptor (55 kDa TNF-R) in patients with acute Plasmodium falciparum malaria. <i>Clinical Immunology and Immunopathology</i> , 1994 , 71, 344-8		21
2	Single Particle Measurement Showing a Quantitative Agreement with the Model of Uniform Rotation		1
1	Toroidal magnetic moments in Tb4 squares. <i>Inorganic Chemistry Frontiers</i> ,	6.8	1