

# Liviu Ungur

## List of Publications by Year in descending order

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119  
papers

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16451

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131  
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131  
docs citations

131  
times ranked

6803  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toroidal magnetic moments in Tb <sub>4</sub> squares. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 784-791.	6.0	3
2	Toroidal versus centripetal arrangement of the magnetic moment in a Dy <sub>4</sub> tetrahedron. <i>Chemical Communications</i> , 2022, 58, 1784-1787.	4.1	13
3	Manipulating the spin crossover behaviour in a series of cyanide-bridged {Fe <sup>III</sup> Fe <sup>II</sup> } molecular squares through NCE <sup>+</sup> co-ligands. <i>Dalton Transactions</i> , 2022, 51, 5596-5602.	3.3	8
4	Stable Triarylmethyl Radicals and Cobalt(II) Ions Based 1D/2D Coordination Polymers. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	1
5	[Au <sup>I</sup> (CN) <sub>2</sub> ]-Armed [Fe <sup>III</sup> <sub>2</sub> Fe <sup>II</sup> <sub>2</sub> ] Square Complex Showing Unusual Spin-Crossover Behavior Due to a Symmetry-Breaking Phase Transition. <i>Inorganic Chemistry</i> , 2022, 61, 5855-5860.	4.0	9
6	Mechanisms of Luminescence in Lanthanide Complexes: A Crucial Role of Metal-Ligand Covalency. <i>Inorganic Chemistry</i> , 2022, 61, 5972-5976.	4.0	11
7	The Role of Radical Bridges in Polynuclear Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2022, 28, e202200227.	3.3	8
8	Carbonate-free CoAl layered double hydroxides supercapacitors: Controlled precipitation via acid mediated decomplexation. <i>Applied Clay Science</i> , 2022, 224, 106519.	5.2	5
9	Multiresponsive Spin Crossover Driven by Rotation of Tetraphenylborate Anion in an Iron(III) Complex. <i>CCS Chemistry</i> , 2021, 3, 453-459.	7.8	8
10	Understanding the magnetization blocking mechanism in N <sub>2</sub> <sup>•-</sup> -radical-bridged dilanthanide single-molecule magnets. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 10303-10310.	2.8	12
11	Exploring vibronic coupling in the benzene radical cation and anion with different levels of the GW approximation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19054-19070.	2.8	1
12	Design of Fe <sup>III</sup> -Ln <sup>III</sup> binuclear complexes using compartmental ligands: synthesis, crystal structures, magnetic properties, and <i>ab initio</i> analysis. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10912-10926.	5.5	7
13	A Family of Lanthanide Hydroxo Carboxylates with 1D Polymeric Topology and Ln <sub>4</sub> Butterfly Core Exhibits Switchable Supramolecular Arrangement. <i>Inorganic Chemistry</i> , 2021, 60, 8049-8061.	4.0	18
14	Towards understanding the magnetism of Os( <sup>iv</sup> ) complexes: an <i>ab initio</i> insight. <i>Dalton Transactions</i> , 2021, 50, 12537-12546.	3.3	3
15	Magnetization Dynamics on Isotope-Isomorphous Holmium Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27282.	13.8	10
16	Innentitelbild: Magnetization Dynamics on Isotope-Isomorphous Holmium Single-Molecule Magnets (Angew. Chem. 52/2021). <i>Angewandte Chemie</i> , 2021, 133, 27074-27074.	2.0	0
17	Deriving the vibronic coupling constants of the cyclopentadienyl radical with density functional theory and GOWO. <i>Journal of Chemical Physics</i> , 2020, 153, 064303.	3.0	2
18	An Inconspicuous Six-Coordinate Neutral Dy <sup>III</sup> Single-Ion Magnet with Remarkable Magnetic Anisotropy and Stability. <i>Inorganic Chemistry</i> , 2020, 59, 7158-7166.	4.0	31

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19	Highly Oxidized States of Phthalocyaninato Terbium(III) Multiple-Decker Complexes Showing Structural Deformations, Biradical Properties and Decreases in Magnetic Anisotropy. Chemistry - A European Journal, 2020, 26, 8621-8630.	3.3	19
20	Modern quantum chemistry with [Open]Molcas. Journal of Chemical Physics, 2020, 152, 214117.	3.0	281
21	Coexistence of Spin-Lattice Relaxation and Phonon-Bottleneck Processes in Gd III -Phthalocyaninato Triple-Decker Complexes under Highly Diluted Conditions. Chemistry - A European Journal, 2020, 26, 8076-8082.	3.3	16
22	Magnetic Anisotropy in Divalent Lanthanide Compounds. Angewandte Chemie, 2020, 132, 12820-12824.	2.0	5
23	Single-Molecule Toric Design through Magnetic Exchange Coupling. Matter, 2020, 2, 1481-1493.	10.0	32
24	Magnetic Anisotropy in Divalent Lanthanide Compounds. Angewandte Chemie - International Edition, 2020, 59, 12720-12724.	13.8	29
25	Comparison of two field-induced Er <sup>III</sup> single ion magnets. Dalton Transactions, 2019, 48, 15679-15686.	3.3	6
26	OpenMolcas: From Source Code to Insight. Journal of Chemical Theory and Computation, 2019, 15, 5925-5964.	5.3	661
27	Single Crystal Investigations Unravel the Magnetic Anisotropy of the Square-In Square-Cr <sub>4</sub> Dy <sub>4</sub> SMM Coordination Cluster. Frontiers in Chemistry, 2019, 7, 6.	3.6	13
28	Determination of the electronic structure of a dinuclear dysprosium single molecule magnet without symmetry idealization. Chemical Science, 2019, 10, 2101-2110.	7.4	48
29	Exchange Interactions Switch Tunneling: A Comparative Experimental and Theoretical Study on Relaxation Dynamics by Targeted Metal Ion Replacement. Chemistry - A European Journal, 2018, 24, 9928-9939.	3.3	21
30	Exchange coupling and single molecule magnetism in redox-active tetraoxolene-bridged dilanthanide complexes. Chemical Science, 2018, 9, 1221-1230.	7.4	70
31	$J$ -pseudospin states and the crystal field of cubic systems. Physical Review B, 2018, 98, .	3.2	10
32	Gold-Catalyzed Post-Ugi Ipso-Cyclization with Switchable Diastereoselectivity. Journal of Organic Chemistry, 2018, 83, 8170-8182.	3.2	39
33	Magnetization Blocking in Fe <sub>2</sub> Dy <sub>2</sub> Molecular Magnets: Ab Initio Calculations and EPR Spectroscopy. Chemistry - A European Journal, 2018, 24, 16652-16661.	3.3	15
34	Introduction to the electronic structure, luminescence, and magnetism of lanthanides. , 2018, , 1-58.		9
35	Pursuit of Record Breaking Energy Barriers: A Study of Magnetic Axiality in Diamide Ligated Dy <sup>III</sup> Single-Molecule Magnets. Journal of the American Chemical Society, 2017, 139, 1420-1423.	13.7	186
36	Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal Dy <sup>III</sup> Single-Ion Magnet. Chemistry - A European Journal, 2017, 23, 5708-5715.	3.3	96

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37	Dynamic Magnetic and Optical Insight into a High-Performance Pentagonal Bipyramidal Dy <sup>III</sup> Single-Ion Magnet. <i>Chemistry - A European Journal</i> , 2017, 23, 5630-5630.	3.3	4
38	Ab Initio Crystal Field for Lanthanides. <i>Chemistry - A European Journal</i> , 2017, 23, 3708-3718.	3.3	239
39	Zeeman interaction and Jahn-Teller effect in the $\text{D}_{2h}$ multiplet. <i>Physical Review B</i> , 2017, 96, ..	3.2	14
40	Strong ferromagnetic exchange coupling in a {NiII <sub>4</sub> } cluster mediated through an air-stable tetrazine-based radical anion. <i>Chemical Communications</i> , 2017, 53, 8660-8663.	4.1	40
41	Cycloheptatrienyl trianion: an elusive bridge in the search of exchange coupled dinuclear organolanthanide single-molecule magnets. <i>Chemical Science</i> , 2017, 8, 231-240.	7.4	56
42	scp-Molcas 8: New capabilities for multiconfigurational quantum chemical calculations across the periodic table. <i>Journal of Computational Chemistry</i> , 2016, 37, 506-541.	3.3	1,317
43	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, 5441-5450.	13.7	904
44	Strategies toward High-Temperature Lanthanide-Based Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2016, 55, 10043-10056.	4.0	342
45	The active site of low-temperature methane hydroxylation in iron-containing zeolites. <i>Nature</i> , 2016, 536, 317-321.	27.8	331
46	Giant exchange interaction in mixed lanthanides. <i>Scientific Reports</i> , 2016, 6, 24046.	3.3	54
47	Synthesis, Crystal Structures, Magnetic Properties, and Theoretical Investigation of a New Series of Ni <sup>II</sup> -Ln <sup>III</sup> -W <sup>V</sup> Heterotrimetallics: Understanding the SMM Behavior of Mixed Polynuclear Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 12158-12171.	4.0	39
48	Probing the structural and magnetic properties of a new family of centrosymmetric dinuclear lanthanide complexes. <i>RSC Advances</i> , 2016, 6, 56668-56673.	3.6	9
49	Multitechnique investigation of Dy <sub>3</sub> implications for coupled lanthanide clusters. <i>Chemical Science</i> , 2016, 7, 4347-4354.	7.4	70
50	Symmetry-Supported Magnetic Blocking at 20 K in Pentagonal Bipyramidal Dy(III) Single-Ion Magnets. <i>Journal of the American Chemical Society</i> , 2016, 138, 2829-2837.	13.7	728
51	Desolvation-Driven 100-Fold Slow-down of Tunneling Relaxation Rate in Co(II)-Dy(III) Single-Molecule Magnets through a Single-Crystal-to-Single-Crystal Process. <i>Scientific Reports</i> , 2015, 5, 16621.	3.3	84
52	Magnetic Relaxation in Single-Electron Single-Ion Cerium(III) Magnets: Insights from Ab Initio Calculations. <i>Chemistry - A European Journal</i> , 2015, 21, 13812-13819.	3.3	56
53	Tetraanionic Biphenyl Lanthanide Complexes as Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2015, 54, 2374-2382.	4.0	49
54	Influencing the properties of dysprosium single-molecule magnets with phosphorus donor ligands. <i>Nature Communications</i> , 2015, 6, 7492.	12.8	126

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55	Heterometallic 3d-4f Single-Molecule Magnets: Ligand and Metal Ion Influences on the Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2015, 54, 3631-3642.	4.0	92
56	Tuning the Magnetic Interactions and Relaxation Dynamics of Dy <sup>2+</sup> Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2015, 21, 14099-14106.	3.3	87
57	Observation of unusual slow-relaxation of the magnetisation in a Gd-EDTA chelate. <i>Dalton Transactions</i> , 2015, 44, 20321-20325.	3.3	62
58	A Catalyst with Two-Coordinate Nickel: Theoretical and Catalytic Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 818-823.	2.0	57
59	Fine-tuning the Local Symmetry to Attain Record Blocking Temperature and Magnetic Remanence in a Single-Ion Magnet. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4413-4417.	13.8	370
60	Single-Molecule Magnetism in a Family of {Co <sup>III</sup> <sub>2</sub> Dy <sup>III</sup> <sub>2</sub> } Butterfly Complexes: Effects of Ligand Replacement on the Dynamics of Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2014, 53, 4303-4315.	4.0	88
61	Stabilization of a Cobalt-Cobalt Bond by Two Cyclic Alkyl Amino Carbenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 1770-1773.	13.7	55
62	Coupling Strategies to Enhance Single-Molecule Magnet Properties of Erbium-Cyclooctatetraenyl Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 8003-8010.	13.7	278
63	Spectroscopic determination of crystal field splittings in lanthanide double deckers. <i>Chemical Science</i> , 2014, 5, 3287.	7.4	111
64	Field-Induced Multiple Relaxation Mechanism of Co <sup>III</sup> <sub>2</sub> Dy <sup>III</sup> Compound with the Dysprosium Ion in a Low-Symmetrical Environment. <i>Inorganic Chemistry</i> , 2014, 53, 12658-12663.	4.0	42
65	Chemical tuning of the magnetic relaxation in dysprosium( <sup>III</sup> ) mononuclear complexes. <i>Dalton Transactions</i> , 2014, 43, 12146-12149.	3.3	45
66	Single-molecule toroids in Ising-type lanthanide molecular clusters. <i>Chemical Society Reviews</i> , 2014, 43, 6894-6905.	38.1	325
67	Modifying the properties of 4f single-ion magnets by peripheral ligand functionalisation. <i>Chemical Science</i> , 2014, 5, 1650-1660.	7.4	159
68	Electronic Structure and Slow Magnetic Relaxation of Low-Coordinate Cyclic Alkyl(amino) Carbene Stabilized Iron(II) Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 11964-11971.	13.7	145
69	Correction to "Key Role of Frustration in Suppression of Magnetization Blocking in Single-Molecule Magnets". <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1678-1678.	4.6	2
70	A Heterometallic Fe <sup>II</sup> -Dy <sup>III</sup> Single-Molecule Magnet with a Record Anisotropy Barrier. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12966-12970.	13.8	235
71	Ein heterometallischer Fe <sup>II</sup> -Dy <sup>III</sup> -Einzelmolekülmagnet mit Rekord-Anisotropiebarriere. <i>Angewandte Chemie</i> , 2014, 126, 13180-13184.	2.0	30
72	An NCN-pincer ligand dysprosium single-ion magnet showing magnetic relaxation via the second excited state. <i>Scientific Reports</i> , 2014, 4, 5471.	3.3	138

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73	Magnetic relaxation pathways in lanthanide single-molecule magnets. <i>Nature Chemistry</i> , 2013, 5, 673-678.	13.6	649
74	Switching the anisotropy barrier of a single-ion magnet by symmetry change from quasi-D5h to quasi-Oh. <i>Chemical Science</i> , 2013, 4, 3310.	7.4	469
75	Key Role of Frustration in Suppression of Magnetization Blocking in Single-Molecule Magnets. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3565-3569.	4.6	67
76	Angular-Resolved Magnetometry Beyond Triclinic Crystals: Out-of-Equilibrium Studies of Cp*ErCOT Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2013, 19, 13726-13731.	3.3	67
77	A hydride-ligated dysprosium single-molecule magnet. <i>Chemical Communications</i> , 2013, 49, 901-903.	4.1	75
78	Relaxations in heterolanthanide dinuclear single-molecule magnets. <i>Chemical Communications</i> , 2013, 49, 158-160.	4.1	66
79	Magnetic anisotropy of Co <sup>II</sup> W <sup>V</sup> ferromagnet: single crystal and ab initio study. <i>CrystEngComm</i> , 2013, 15, 2378-2385.	2.6	14
80	An Organometallic Building Block Approach To Produce a Multidecker 4 <i>f</i> Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2013, 135, 3502-3510.	13.7	189
81	Synthesis and Characterization of a Two-Coordinate Manganese Complex and its Reaction with Molecular Hydrogen at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11817-11821.	13.8	78
82	By Design: A Macrocyclic 3 <i>f</i> Single-Molecule Magnet with Quantifiable Zero-Field Slow Relaxation of Magnetization. <i>Inorganic Chemistry</i> , 2013, 52, 3236-3240.	4.0	69
83	Interplay of Strongly Anisotropic Metal Ions in Magnetic Blocking of Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 6328-6337.	4.0	239
84	Negative $g$ Factors, Berry Phases, and Magnetic Properties of Complexes. <i>Physical Review Letters</i> , 2012, 109, 246403.	7.8	20
85	Net Toroidal Magnetic Moment in the Ground State of a {Dy <sub>6</sub> }-Triethanolamine Ring. <i>Journal of the American Chemical Society</i> , 2012, 134, 18554-18557.	13.7	157
86	Coupling Dy <sub>3</sub> Triangles to Maximize the Toroidal Moment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12767-12771.	13.8	207
87	Heterometallic Tetranuclear [Ln <sup>III</sup> <sub>2</sub> Co <sup>III</sup> <sub>2</sub> ] Complexes Including Suppression of Quantum Tunneling of Magnetization in the [Dy <sup>III</sup> <sub>2</sub> Co <sup>III</sup> <sub>2</sub> ] Single Molecule Magnet. <i>Inorganic Chemistry</i> , 2012, 51, 11873-11881.	4.0	154
88	<i>Ab initio</i> calculation of anisotropic magnetic properties of complexes. I. Unique definition of pseudospin Hamiltonians and their derivation. <i>Journal of Chemical Physics</i> , 2012, 137, 064112.	3.0	573
89	Heterometallic CuII/DyIII 1D chiral polymers: chirogenesis and exchange coupling of toroidal moments in trinuclear Dy <sub>3</sub> single molecule magnets. <i>Chemical Science</i> , 2012, 3, 1169.	7.4	146
90	The First {Dy <sub>4</sub> } Single-Molecule Magnet with a Toroidal Magnetic Moment in the Ground State. <i>Inorganic Chemistry</i> , 2012, 51, 1233-1235.	4.0	191

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91	Synthesis and Magnetic Properties of a New Family of Macrocyclic MII <sub>3</sub> LnIII Complexes: Insights into the Effect of Subtle Chemical Modification on Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2012, 51, 10603-10612.	4.0	56
92	A single-molecule magnet assembly exhibiting a dielectric transition at 470 K. <i>Chemical Science</i> , 2012, 3, 3366.	7.4	175
93	Ytterbium can relax slowly too: a field-induced Yb <sub>2</sub> single-molecule magnet. <i>Dalton Transactions</i> , 2012, 41, 12349.	3.3	73
94	A Six-Coordinate Ytterbium Complex Exhibiting Easy-Plane Anisotropy and Field-Induced Single-Ion Magnet Behavior. <i>Inorganic Chemistry</i> , 2012, 51, 8538-8544.	4.0	221
95	Supramolecular architectures for controlling slow magnetic relaxation in field-induced single-molecule magnets. <i>Chemical Science</i> , 2012, 3, 2158.	7.4	155
96	Coexistence of Distinct Single-Ion and Exchange-Based Mechanisms for Blocking of Magnetization in a Co <sup>II</sup> <sub>2</sub>Dy <sup>III&lt;/sup&gt;&lt;sub&gt;2&lt;/sub&gt; Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i>, 2012, 51, 7550-7554.</sup>	13.8	277
97	A High Anisotropy Barrier in a Sulfur-Bridged Organodysprosium Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6976-6980.	13.8	254
98	Hysteresis in the ground and excited spin state up to 10 T of a [Mn <sup>III</sup> 6Mn <sup>III</sup> ] <sub>3</sub> + triple-salen single-molecule magnet. <i>Chemical Science</i> , 2012, 3, 2868.	7.4	37
99	From a Dy(III) Single Molecule Magnet (SMM) to a Ferromagnetic [Mn(II)Dy(III)Mn(II)] Trinuclear Complex. <i>Inorganic Chemistry</i> , 2012, 51, 9589-9597.	4.0	112
100	Single-Molecule Magnet Behavior for an Antiferromagnetically Superexchange-Coupled Dinuclear Dysprosium(III) Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 5319-5328.	13.7	541
101	Strong Axiality and Ising Exchange Interaction Suppress Zero-Field Tunneling of Magnetization of an Asymmetric Dy <sub>2</sub> Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2011, 133, 11948-11951.	13.7	670
102	Magnetic anisotropy in the excited states of low symmetry lanthanide complexes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20086.	2.8	333
103	Symmetry related [Dy <sup>III</sup> 6Mn <sup>III</sup> ] <sub>12</sub> cores with different magnetic anisotropies. <i>Chemical Science</i> , 2011, 2, 1268.	7.4	108
104	Synthesis, structure, magnetism and theoretical study of a series of complexes with a decanuclear core [Ln(III) <sub>2</sub> Cu(II) <sub>8</sub> ] (Ln = Y, Gd, Tb, Dy). <i>New Journal of Chemistry</i> , 2011, 35, 1270.	2.8	25
105	A Rare $\frac{1}{4}$ -Centred Dy <sub>4</sub> Tetrahedron with Coordination-Induced Local Chirality and Single-Molecule Magnet Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1535-1539.	2.0	65
106	A Spectroscopic Investigation of Magnetic Exchange Between Highly Anisotropic Spin Centers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4007-4011.	13.8	33
107	Pure Trinuclear $\frac{4}{3}$ Single-Molecule Magnets: Synthesis, Structures, Magnetism and Ab Initio Investigation. <i>Chemistry - A European Journal</i> , 2011, 17, 2458-2466.	3.3	93
108	Structure, Magnetism and Theory of a Family of Nonanuclear Cu <sup>II</sup> <sub>5</sub>Ln <sup>III&lt;/sup&gt;&lt;sub&gt;4&lt;/sub&gt;-Triethanolamine Clusters Displaying Single-Molecule Magnet Behaviour. <i>Chemistry - A European Journal</i>, 2011, 17, 9209-9218.</sup>	3.3	114



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109	A Non-sandwiched Macrocyclic Monolanthanide Single-Molecule Magnet: The Key Role of Axiality. Chemistry - A European Journal, 2011, 17, 4362-4365.	3.3	227
110	Back Cover: A Non-sandwiched Macrocyclic Monolanthanide Single-Molecule Magnet: The Key Role of Axiality (Chem. Eur. J. 16/2011). Chemistry - A European Journal, 2011, 17, 4660-4660.	3.3	0
111	Ein achtkerniger $[\text{Cr}^{\text{III}}_4\text{Dy}^{\text{III}}_4]^{3+}$ Einzelmolekülmagnet. Angewandte Chemie, 2010, 122, 7746-7750.		25
112	An Octanuclear $[\text{Cr}^{\text{III}}_4\text{Dy}^{\text{III}}_4]^{3+}$ Single-Molecule Magnet. Angewandte Chemie - International Edition, 2010, 49, 7583-7587.	13.8	256
113	First Heterotrimetallic $\{3\text{d}^4\text{d}^4\text{f}\}$ Single Chain Magnet, Constructed from Anisotropic High-Spin Heterometallic Nodes and Paramagnetic Spacers. Chemistry - A European Journal, 2009, 15, 11808-11814.	3.3	205
114	A Polynuclear Lanthanide Single-Molecule Magnet with a Record Anisotropic Barrier. Angewandte Chemie - International Edition, 2009, 48, 9489-9492.	13.8	557
115	Ab initio investigation of the non-collinear magnetic structure and the lowest magnetic excitations in dysprosium triangles. New Journal of Chemistry, 2009, 33, 1224.	2.8	332
116	The Origin of Nonmagnetic Kramers Doublets in the Ground State of Dysprosium Triangles: Evidence for a Toroidal Magnetic Moment. Angewandte Chemie - International Edition, 2008, 47, 4126-4129.	13.8	610
117	Structure, Magnetism, and Theoretical Study of a Mixed-Valence $\text{Co}^{\text{II}}_3\text{Co}^{\text{III}}_4$ Heptanuclear Wheel: Lack of SMM Behavior despite Negative Magnetic Anisotropy. Journal of the American Chemical Society, 2008, 130, 12445-12455.	13.7	442
118	A dinuclear cobalt(ii) complex of calix[8]arenes exhibiting strong magnetic anisotropy. Dalton Transactions, 2007, , 4582.	3.3	58
119	Magnetization Dynamics on Isotope-Isomorphic Holmium Single-Molecule Magnets. Angewandte Chemie, 0, , .	2.0	1