

Muralee Murugesu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Toward Opto-Structural Correlation to Investigate Luminescence Thermometry in an Organometallic Eu(II) Complex. <i>Journal of the American Chemical Society</i> , 2022, 144, 912-921.	13.7	29
2	Late Lanthanide Macrocyclic Tetra-NHC Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 1611-1619.	4.0	4
3	Luminescence thermometry using sprayed films of metal complexes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1767-1775.	5.5	10
4	Extreme σ -Tensor Anisotropy and Its Insensitivity to Structural Distortions in a Family of Linear Two-Coordinate Ni(I) Bis-N-heterocyclic Carbene Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 1308-1315.	4.0	8
5	Controlling the Energy Transfer Processes in a Nanosized Molecular Upconverter to Tap into Luminescence Thermometry Application. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	22
6	Phonon-assisted molecular upconversion in a holmium(III)-based molecular cluster-aggregate. <i>Nanoscale</i> , 2022, 14, 9675-9680.	5.6	12
7	A zero-field single-molecule magnet with luminescence thermometry capabilities containing soft donors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13946-13953.	5.5	14
8	Enhancing Magnetic Communication between Metal Centres: The Role of Tetrazine Based Radicals as Ligands. <i>Chemistry - A European Journal</i> , 2021, 27, 5091-5106.	3.3	16
9	Lanthanide-Based Molecular Cluster Aggregates: Optical Barcoding and White Light Emission with Nanosized $\{\text{Ln}_{20}\}$ Compounds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6130-6136.	13.8	48
10	Anion-Dependent Catalytic C-C Bond Cleavage of a Lignin Model within a Cationic Metal-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 688-695.	8.0	9
11	Lanthanide-Based Molecular Cluster Aggregates: Optical Barcoding and White Light Emission with Nanosized $\{\text{Ln}_{20}\}$ Compounds. <i>Angewandte Chemie</i> , 2021, 133, 6195-6201.	2.0	9
12	Asymmetric Ring Opening in a Tetrazine-Based Ligand Affords a Tetranuclear Opto-Magnetic Ytterbium Complex. <i>Chemistry - A European Journal</i> , 2021, 27, 2361-2370.	3.3	6
13	Multifunktionale Einzelmoleklmagnete auf Lanthanoidbasis in neuem Licht. <i>Angewandte Chemie</i> , 2021, 133, 1752-1772.	2.0	18
14	Shining New Light on Multifunctional Lanthanide Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1728-1746.	13.8	183
15	Dual magnetic field and temperature optical probes of controlled crystalline phases in lanthanide-doped multi-shell nanoparticles. <i>Nanoscale</i> , 2021, 13, 14723-14733.	5.6	12
16	Probing optical and magnetic properties via subtle stereoelectronic effects in mononuclear Dy ^{III} -complexes. <i>Chemical Communications</i> , 2021, 57, 7818-7821.	4.1	15
17	Frontispiece: Enhancing Magnetic Communication between Metal Centres: The Role of Tetrazine Based Radicals as Ligands. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
18	Room-Temperature Upconversion in a Nanosized $\{\text{Ln}_{15}\}$ Molecular Cluster-Aggregate. <i>ACS Nano</i> , 2021, 15, 5580-5585.	14.6	28

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19	Radical-Bridged Ln ₄ Metallocene Complexes with Strong Magnetic Coupling and a Large Coercive Field. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24206-24213.	13.8	45
20	Inside-Out/Outside-In Tunability in Nanosized Lanthanide-Based Molecular Cluster-Aggregates: Modulating the Luminescence Thermometry Performance via Composition Control. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47052-47060.	8.0	21
21	Titelbild: Radical-Bridged Ln ₄ Metallocene Complexes with Strong Magnetic Coupling and a Large Coercive Field (<i>Angew. Chem.</i> 45/2021). <i>Angewandte Chemie</i> , 2021, 133, 24117-24117.	2.0	0
22	Modern trends in "Green"-primary energetic materials. <i>New Journal of Chemistry</i> , 2021, 45, 10150-10159.	2.8	34
23	Actinide arene-metalates: ion pairing effects on the electronic structure of unsupported uranium-arene sandwich complexes. <i>Chemical Science</i> , 2021, 12, 13360-13372.	7.4	13
24	Aufbau <i>vs.</i> <i>non-Aufbau</i> ground states in two-coordinate d ⁷ single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5076-5085.	6.0	11
25	Stark Sublevel-Based Thermometry with Tb(III) and Dy(III) Complexes Cosensitized via the 2-Amidinopyridine Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 11061-11070.	4.0	29
26	Tunable Energy-Transfer Process in Heterometallic MOF Materials Based on 2,6-Naphthalenedicarboxylate: Solid-State Lighting and Near-Infrared Luminescence Thermometry. <i>Chemistry of Materials</i> , 2020, 32, 7458-7468.	6.7	54
27	Higher performing and less sensitive CN ⁷⁺ -based high-energy-density material. <i>Science China Materials</i> , 2020, 63, 1779-1787.	6.3	8
28	A Barrel-Shaped Metal-Organic Blue-Box Analogue with Photo/Redox-Switchable Behavior. <i>Chemistry - A European Journal</i> , 2020, 26, 16455-16462.	3.3	8
29	Relaxation dynamics in see-saw shaped Dy(III) single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4805-4812.	6.0	13
30	A chelate like no other: exploring the synthesis, coordination chemistry and applications of imidoyl amidine frameworks. <i>Materials Advances</i> , 2020, 1, 2688-2706.	5.4	3
31	NIR-to-NIR emission on a water-soluble {Er ₆ } and {Er ₃ Yb ₃ } nanosized molecular wheel. <i>Nanoscale</i> , 2020, 12, 11435-11439.	5.6	16
32	Two heads are better than one: improving magnetic relaxation in the dysprosium metallocene upon dimerization by use of an exceptionally weakly-coordinating anion. <i>Chemical Communications</i> , 2020, 56, 5937-5940.	4.1	26
33	Stable Actinide f ⁶ Complexes of a Neutral 1,4-Diborabenzene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13109-13115.	13.8	15
34	Unprecedented intramolecular pancake bonding in a {Dy ₂ } single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2592-2601.	6.0	18
35	Incorporation of a nitrogen-rich energetic ligand in a {Yb(II)} complex exhibiting slow relaxation of the magnetisation under an applied field. <i>Dalton Transactions</i> , 2020, 49, 10344-10348.	3.3	6
36	Design Strategy for the Controlled Generation of Cationic Frameworks and Ensuing Anion-Exchange Capabilities. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3181-3188.	8.0	11

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37	Triplet State Position and Crystal Field Tuning in Opto-Magnetic Lanthanide Complexes: Two Sides of the Same Coin. <i>Chemistry - A European Journal</i> , 2019, 25, 14625-14637.	3.3	32
38	Rational Design of Tetranuclear Complexes Employing N-Imidoylamidine Based Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 963-972.	2.0	3
39	Exploring the dual functionality of an ytterbium complex for luminescence thermometry and slow magnetic relaxation. <i>Chemical Science</i> , 2019, 10, 6799-6808.	7.4	83
40	Magnetic Axiality: Design Principles from Molecules to Materials. <i>Trends in Chemistry</i> , 2019, 1, 425-439.	8.5	88
41	A Luminescent Thermometer Exhibiting Slow Relaxation of the Magnetization: Toward Self-Monitored Building Blocks for Next-Generation Optomagnetic Devices. <i>ACS Central Science</i> , 2019, 5, 1187-1198.	11.3	113
42	Harnessing the Synergy between Upconverting Nanoparticles and Lanthanide Complexes in a Multiwavelength-Responsive Hybrid System. <i>ACS Photonics</i> , 2019, 6, 436-445.	6.6	14
43	Probing Optical Anisotropy and Polymorph-Dependent Photoluminescence in [Ln ₂] Complexes by Hyperspectral Imaging on Single Crystals. <i>Chemistry - A European Journal</i> , 2018, 24, 10146-10155.	3.3	11
44	Reversible Redox, Spin Crossover, and Superexchange Coupling in 3 <i>d</i> Transition-Metal Complexes of <i>Bis</i> -Caziryl Analogues of 2,2':6''',2''':6''''-Terpyridine. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1212-1223.	2.8	8
45	A nitrogen-rich ligand as a scaffold for slow magnetic relaxation in dysprosium-based 0D and 1D architectures. <i>Dalton Transactions</i> , 2018, 47, 11782-11787.	3.3	6
46	Probing Magnetic Exchange Coupling in Supramolecular Squares Based on Reducible Tetrazine-Derived Ligands. <i>Chemistry - A European Journal</i> , 2018, 24, 4259-4263.	3.3	19
47	2,3,5,6-Tetra(1 <i>H</i> -tetrazol-5-yl)pyrazine: A Thermally Stable Nitrogen-Rich Energetic Material. <i>ACS Applied Energy Materials</i> , 2018, 1, 589-593.	5.1	41
48	Ferromagnetically coupled dinuclear MIII complexes based on a boratrazine ligand framework. <i>Dalton Transactions</i> , 2018, 47, 14875-14879.	3.3	2
49	A tunable lanthanide cubane platform incorporating air-stable radical ligands for enhanced magnetic communication. <i>Communications Chemistry</i> , 2018, 1, .	4.5	20
50	Synthesis and Investigation of 2,3,5,6-Tetra(1 <i>H</i> -tetrazol-5-yl)pyrazine Based Energetic Materials. <i>ChemPlusChem</i> , 2018, 83, 984-990.	2.8	8
51	Tetrazine-Based Ligand Transformation Driving Metal-Metal Bond and Mixed-Valence Hg ^I /Hg ^{II} . <i>ACS Omega</i> , 2018, 3, 10273-10277.	3.5	3
52	One pot synthesis and systematic study of the photophysical and magnetic properties and thermal sensing of Γ_4 and Γ_2 -phase NaLnF ₄ and Γ_2 -phase core@shell nanoparticles. <i>New Journal of Chemistry</i> , 2018, 42, 13393-13405.	2.8	29
53	[Ln ₁₆] complexes (Ln = Gd ^{III} , Dy ^{III}): molecular analogues of natural minerals such as hydrothermalite. <i>Dalton Transactions</i> , 2018, 47, 12847-12851.	3.3	10
54	Pursuit of Record Breaking Energy Barriers: A Study of Magnetic Axiality in Diamide Ligated Dy ^{III} Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2017, 139, 1420-1423.	13.7	186

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55	Single-molecule magnet behaviour in a tetranuclear Dy ^{III} complex formed from a novel tetrazine-centered hydrazone Schiff base ligand. Dalton Transactions, 2017, 46, 2471-2478.	3.3	47
56	Stepwise crystallographic visualization of dynamic guest binding in a nanoporous framework. Chemical Science, 2017, 8, 3171-3177.	7.4	66
57	Confinement effects of a crystalline sponge on ferrocene and ferrocene carboxaldehyde. Chemical Communications, 2017, 53, 5645-5648.	4.1	24
58	Single-molecule magnetism arising from cobalt(ⁱⁱ) nodes of a crystalline sponge. Journal of Materials Chemistry C, 2017, 5, 835-841.	5.5	64
59	Exploring the Promotion of Synthons of Choice: Halogen Bonding in Molecular Lanthanide Complexes Characterized via X-ray Diffraction, Luminescence Spectroscopy, and Magnetic Measurements. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1948-1955.	1.2	6
60	From a Piano Stool to a Sandwich: A Stepwise Route for Improving the Slow Magnetic Relaxation Properties of Thulium. Organometallics, 2017, 36, 4515-4518.	2.3	28
61	Unprecedented Octanuclear Dy ^{III} Cluster Exhibiting Single-Molecule Magnet Behavior. Crystal Growth and Design, 2017, 17, 5044-5048.	3.0	17
62	Strong ferromagnetic exchange coupling in a {NiII ₄ } cluster mediated through an air-stable tetrazine-based radical anion. Chemical Communications, 2017, 53, 8660-8663.	4.1	40
63	Cycloheptatrienyl trianion: an elusive bridge in the search of exchange coupled dinuclear organolanthanide single-molecule magnets. Chemical Science, 2017, 8, 231-240.	7.4	56
64	[U(bipy) ₄]: A Mistaken Case of U ⁰ ?. Chemistry - A European Journal, 2016, 22, 1931-1936.	3.3	25
65	Hidden Transformations of a Crystalline Sponge: Elucidating the Stability of a Highly Porous Three-Dimensional Metal-Organic Framework. Crystal Growth and Design, 2016, 16, 4043-4050.	3.0	20
66	An Organolanthanide Building Block Approach to Single-Molecule Magnets. Accounts of Chemical Research, 2016, 49, 1158-1167.	15.6	129
67	Halide Influence on Molecular and Supramolecular Arrangements of Iron Complexes with a 3,5-Bis(2-Pyridyl)-1,2,4,6-Thiatriazine Ligand. Inorganic Chemistry, 2016, 55, 5375-5383.	4.0	13
68	Impact of the coordination environment on the magnetic properties of single-molecule magnets based on homo- and hetero-dinuclear terbium(ⁱⁱⁱ) heteroleptic tris(crownphthalocyaninate). Dalton Transactions, 2016, 45, 9320-9327.	3.3	24
69	A propeller-shaped $\frac{1}{4}$ -carbonate hexanuclear dysprosium complex with a high energetic barrier to magnetisation relaxation. Dalton Transactions, 2016, 45, 16769-16773.	3.3	24
70	From discrete molecule, to polymer, to MOF: mapping the coordination chemistry of Cd ^{II} using ¹¹³ Cd solid-state NMR. Chemical Communications, 2016, 52, 10680-10683.	4.1	18
71	Enchaining EDTA-chelated lanthanide molecular magnets into ordered 1D networks. RSC Advances, 2016, 6, 72510-72518.	3.6	12
72	Terminal solvent effects on the anisotropy barriers of Dy ₂ systems. Dalton Transactions, 2016, 45, 16709-16715.	3.3	41

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73	Not Just Lewis Acids: Preface for the Forum on New Trends and Applications for Lanthanides. <i>Inorganic Chemistry</i> , 2016, 55, 9951-9953.	4.0	12
74	Effect of the Mn Oxidation State on Single-Molecule-Magnet Properties: Mn ^{III} vs Mn ^{IV} in Biologically Inspired DyMn ₃ O ₄ Cubanes. <i>Inorganic Chemistry</i> , 2016, 55, 6095-6099.	4.0	19
75	Supramolecular Assembly of Molecular Rare-Earth ³⁺ -3,5-Dichlorobenzoic Acid ²⁻ -2,2',6',2''-Terpyridine Materials: Structural Systematics, Luminescence Properties, and Magnetic Behavior. <i>Inorganic Chemistry</i> , 2016, 55, 6902-6915.	4.0	53
76	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
77	Intercalation of Coordinatively Unsaturated Fe ^{III} Ion within Interpenetrated Metal-Organic Framework MOF-5. <i>Chemistry - A European Journal</i> , 2016, 22, 7711-7715.	3.3	15
78	Study of a novel hepta-coordinated Fe ^{III} bimetallic complex with an unusual 1,2,4,5-tetrazine-ring opening. <i>Polyhedron</i> , 2016, 108, 163-168.	2.2	13
79	Mononuclear, Dinuclear, and Trinuclear Iron Complexes Featuring a New Monoanionic SNS Thiolate Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 987-997.	4.0	23
80	The rise of 3-d single-ion magnets in molecular magnetism: towards materials from molecules?. <i>Chemical Science</i> , 2016, 7, 2470-2491.	7.4	502
81	Connecting mononuclear dysprosium single-molecule magnets to form dinuclear complexes via in situ ligand oxidation. <i>Chemical Communications</i> , 2016, 52, 677-680.	4.1	25
82	Elucidating the elusive crystal structure of 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine. <i>CrystEngComm</i> , 2015, 17, 2190-2195.	2.6	21
83	Tetraanionic Biphenyl Lanthanide Complexes as Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2015, 54, 2374-2382.	4.0	49
84	Exposing the intermolecular nature of the second relaxation pathway in a mononuclear cobalt(II) single-molecule magnet with positive anisotropy. <i>Dalton Transactions</i> , 2015, 44, 6368-6373.	3.3	108
85	Unprecedented Trinuclear Ag ^I Complex with 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine as an Efficient Catalyst for the Aziridination of Olefins. <i>Chemistry - A European Journal</i> , 2015, 21, 6144-6149.	3.3	47
86	Slow Magnetic Relaxation Observed in Dysprosium Compounds Containing Unsupported Near-Linear Hydroxo- and Fluoro-Bridges. <i>Inorganic Chemistry</i> , 2015, 54, 6195-6202.	4.0	47
87	Interaction of 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine (TPymT) with CoX ₂ (X = Cl, Br) in water: trapping of new self-assembled water ²⁻ -chloride/bromide clusters in a [Co(bpca) ₂] ⁺ host (bpca = bis(2-pyrimidylcarbonyl)amidate anion). <i>New Journal of Chemistry</i> , 2015, 39, 7147-7152.	2.8	23
88	Inducing magnetic communication in caged dinuclear Co(II) systems. <i>Dalton Transactions</i> , 2015, 44, 8649-8659.	3.3	15
89	Anion-induced Ag ^I self-assemblies with electron deficient aromatic ligands: anion ⁻ -Fe-system interactions as a driving force for templated coordination networks. <i>Chemical Communications</i> , 2015, 51, 9547-9550.	4.1	48
90	Ambivalent binding between a radical-based pincer ligand and iron. <i>Dalton Transactions</i> , 2015, 44, 10516-10523.	3.3	15

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91	Slow Magnetic Relaxation in Uranium(III) and Neodymium(III) Cyclooctatetraenyl Complexes. <i>Organometallics</i> , 2015, 34, 1415-1418.	2.3	76
92	Adhering magnetic molecules to surfaces. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11986-11998.	5.5	59
93	The renaissance of 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine (TPymT) coordination chemistry. <i>Dalton Transactions</i> , 2015, 44, 20287-20294.	3.3	35
94	Observation of unusual slow-relaxation of the magnetisation in a Gd-EDTA chelate. <i>Dalton Transactions</i> , 2015, 44, 20321-20325.	3.3	62
95	Hybrid Material Constructed from Hg(NCS) ₂ and 2,4,6-Tris(2-pyrimidyl)-1,3,5-triazine (TPymT): Coordination of TPymT in a 2,2'-Bipyridine-Like Mode. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 441-446.	2.0	25
96	Chromium-Chromium Interaction in a Binuclear Mixed-Valent Cr ^I -Cr ^{II} Complex. <i>Inorganic Chemistry</i> , 2014, 53, 11492-11497.	4.0	4
97	High pressure study of a highly energetic nitrogen-rich carbon nitride, cyanuric triazide. <i>Journal of Chemical Physics</i> , 2014, 141, 234506.	3.0	9
98	Recent developments in the field of energetic ionic liquids. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8153-8173.	10.3	110
99	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
100	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
101	Dense nitrogen-rich energetic materials: A study of 5,5-bis(1H-tetrazolyl)amine. <i>Journal of Chemical Physics</i> , 2014, 140, 184701.	3.0	9
102	Isolation of a Hexanuclear Chromium Cluster with a Tetrahedral Hydridic Core and Its Catalytic Behavior for Ethylene Oligomerization. <i>Inorganic Chemistry</i> , 2014, 53, 6073-6081.	4.0	15
103	Structural Rearrangement Through Lanthanide Contraction in Dinuclear Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2102-2112.	4.0	69
104	Structural Tuning of Energetic Material Bis(1H-tetrazol-5-yl)amine Monohydrate under Pressures Probed by Vibrational Spectroscopy and X-ray Diffraction. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26504-26512.	3.1	5
105	Renaissance of the coordination chemistry of 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine (TPymT). Part II: new insights into the reaction of TPymT with Pb(NO ₃) ₂ . <i>CrystEngComm</i> , 2014, 16, 3466-3469.	2.6	26
106	A sandwich complex with axial symmetry for harnessing the anisotropy in a prolate erbium(III) ion. <i>Chemical Communications</i> , 2014, 50, 1602-1604.	4.1	134
107	Structural and magnetic conformation of a cerocene [Ce(COT) ₂] ⁺ exhibiting a uniconfigurational f ¹ ground state and slow-magnetic relaxation. <i>Dalton Transactions</i> , 2014, 43, 2737-2740.	3.3	57
108	Significant Enhancement of Energy Barriers in Dinuclear Dysprosium Single-Molecule Magnets Through Electron-Withdrawing Effects. <i>Journal of the American Chemical Society</i> , 2013, 135, 13242-13245.	13.7	265

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109	Stable water-soluble iron oxide nanoparticles using Tiron. <i>Materials Chemistry and Physics</i> , 2013, 138, 29-37.	4.0	32
110	Hybrid Nanomaterials: Anchoring Magnetic Molecules on Naked Gold Nanocrystals. <i>Inorganic Chemistry</i> , 2013, 52, 14411-14418.	4.0	25
111	Influence of the Ligand Field on Slow Magnetization Relaxation versus Spin Crossover in Mononuclear Cobalt Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11290-11293.	13.8	192
112	Synthesis, Electronic Structure, and Magnetism of [Ni(6-Mes) ₂] ⁺ : A Two-Coordinate Nickel(I) Complex Stabilized by Bulky N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 13640-13643.	13.7	242
113	A Dinuclear Cobalt Complex Featuring Unprecedented Anodic and Cathodic Redox Switches for Single-Molecule Magnet Activity. <i>Journal of the American Chemical Society</i> , 2013, 135, 14670-14678.	13.7	121
114	Synthesis, Structure, and Spectroscopic and Magnetic Characterization of [Mn ₁₂ O ₁₂ (O ₂ CCH ₂) ₁₆ (MeOH) ₄]·Me ₆ TREN a Mn ₁₂ Single-Molecule Magnet with True Axial Symmetry. <i>Inorganic Chemistry</i> , 2013, 52, 258-272.	4.0	36
115	An Organometallic Building Block Approach To Produce a Multidecker Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2013, 135, 3502-3510.	13.7	189
116	Turning on Single-Molecule Magnet Behavior in a Linear {Mn ₃ } Compound. <i>Inorganic Chemistry</i> , 2013, 52, 1296-1303.	4.0	15
117	Lessons learned from dinuclear lanthanide nano-magnets. <i>Chemical Society Reviews</i> , 2013, 42, 3278.	38.1	426
118	Nonanuclear lanthanide(III) nanoclusters: Structure, luminescence and magnetic properties. <i>Polyhedron</i> , 2013, 53, 187-192.	2.2	19
119	High-Temperature Spin Crossover Behavior in a Nitrogen-Rich Fe ^{III} -Based System. <i>Inorganic Chemistry</i> , 2013, 52, 1825-1831.	4.0	30
120	Novel Co-based metal-organic frameworks and their magnetic properties using asymmetrically binding 4-(4-carboxyphenyl)-1,2,4-triazole. <i>Dalton Transactions</i> , 2013, 42, 7795.	3.3	34
121	Renaissance of the coordination chemistry of 2,4,6-tris(2-pyrimidyl)-1,3,5-triazine (TPyMT). Part I: First crystal structure of a TPyMT complex with a d-metal cation. <i>CrystEngComm</i> , 2013, 15, 10419.	2.6	32
122	A novel high-spin tridecanuclear Ni ^{II} cluster with an azido-bridged core exhibiting disk-like topology. <i>Chemical Communications</i> , 2012, 48, 1287-1289.	4.1	26
123	Ytterbium can relax slowly too: a field-induced Yb ₂ single-molecule magnet. <i>Dalton Transactions</i> , 2012, 41, 12349.	3.3	73
124	Lanthanide Complexes of Tritopic Bis(hydrazone) Ligands: Single-Molecule Magnet Behavior in a Linear Dy ^{III} Complex. <i>Inorganic Chemistry</i> , 2012, 51, 1028-1034.	4.0	69
125	Iron Complex-Catalyzed Ammonia-Borane Dehydrogenation. A Potential Route toward N-Containing Polymer Motifs Using Earth-Abundant Metal Catalysts. <i>Journal of the American Chemical Society</i> , 2012, 134, 5598-5609.	13.7	195
126	Paramagnetic Nanocrystals: Remarkable Lanthanide-Doped Nanoparticles with Varied Shape, Size, and Composition. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3721-3733.	4.6	19

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127	Isolation and Characterization of a Class II Mixed-Valence Chromium(I)/(II) Self-Activating Ethylene Trimerization Catalyst. <i>Organometallics</i> , 2012, 31, 486-494.	2.3	25
128	The orientation is in the details. <i>Nature Chemistry</i> , 2012, 4, 347-348.	13.6	39
129	Supramolecular architectures for controlling slow magnetic relaxation in field-induced single-molecule magnets. <i>Chemical Science</i> , 2012, 3, 2158.	7.4	155
130	Novel in situ manganese-promoted double-aldol addition. <i>Inorganica Chimica Acta</i> , 2012, 380, 378-385.	2.4	23
131	An unsymmetrical coordination environment leading to two slow relaxation modes in a Dy ₂ single-molecule magnet. <i>Chemical Communications</i> , 2011, 47, 10993.	4.1	154
132	Gradual spin crossover behaviour in a linear trinuclear FeII complex. <i>CrystEngComm</i> , 2011, 13, 5190.	2.6	37
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