

Olivier Cador

List of Publications by Year in descending order

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195
papers

6,735
citations

53660

45
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91712

69
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203
all docs

203
docs citations

203
times ranked

4645
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncommon lanthanide ions in purely 4f Single Molecule Magnets. <i>Coordination Chemistry Reviews</i> , 2017, 346, 150-175.	9.5	251
2	Magnetic Memory in an Isotopically Enriched and Magnetically Isolated Mononuclear Dysprosium Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1504-1507.	7.2	191
3	A redox-active luminescent ytterbium based single molecule magnet. <i>Chemical Communications</i> , 2013, 49, 615-617.	2.2	181
4	Light Induced Excited Pair Spin State in an Iron(II) Binuclear Spin-Crossover Compound. <i>Journal of the American Chemical Society</i> , 1999, 121, 10630-10631.	6.6	165
5	Soft and Hard Molecule-Based Magnets of Formula [(Etrad) ₂ M ₂ {Cu(opba)} ₃] ⁺ S [Etrad+=Radical Cation, MII=MnII or CoII, opba=Ortho-phenylenebis(oxamato), S=Solvent Molecules], with a Fully Interlocked Structure. <i>Chemistry - A European Journal</i> , 1999, 5, 1486-1495.	1.7	140
6	Magnetic Poles Determinations and Robustness of Memory Effect upon Solubilization in a Dy ^{III} -Based Single Ion Magnet. <i>Journal of the American Chemical Society</i> , 2013, 135, 16332-16335.	6.6	138
7	Lanthanide Ion and Tetrathiafulvalene-Based Ligand as a "Magic" Couple toward Luminescence, Single Molecule Magnets, and Magnetostructural Correlations. <i>Accounts of Chemical Research</i> , 2015, 48, 2834-2842.	7.6	134
8	The Magnetic Möbius Strip: Synthesis, Structure, and Magnetic Studies of Odd-Numbered Antiferromagnetically Coupled Wheels. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5196-5200.	7.2	120
9	In Situ Generation of Carboxylate: An Efficient Strategy for a One-Pot Synthesis of Homo- and Heterometallic Polynuclear Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12246-12253.	6.6	113
10	A single molecule magnet behaviour in a D _{3h} symmetry Dy(^{III}) complex involving a quinone-tetrathiafulvalene-quinone bridge. <i>Chemical Communications</i> , 2012, 48, 714-716.	2.2	103
11	Synthetic and magnetic studies of a dodecanuclear cobalt wheel. <i>Chemical Communications</i> , 2002, , 1860-1861.	2.2	100
12	Functional silica nanoparticles synthesized by water-in-oil microemulsion processes. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 201-208.	5.0	100
13	Single-Molecule Magnet Behaviour in a Tetrathiafulvalene-Based Electroactive Antiferromagnetically Coupled Dinuclear Dysprosium(III) Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 10397-10404.	1.7	91
14	Delicate Crystal Structure Changes Govern the Magnetic Properties of 1D Coordination Polymers Based on 3d Metal Carboxylates. <i>Chemistry - A European Journal</i> , 2008, 14, 2034-2043.	1.7	85
15	Slow Magnetic Relaxation in Condensed versus Dispersed Dysprosium(III) Mononuclear Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 7895-7903.	1.7	85
16	Luminescence and Single-Molecule Magnet Behavior in Lanthanide Complexes Involving a Tetrathiafulvalene-Fused Dipyrrophenazine Ligand. <i>Inorganic Chemistry</i> , 2015, 54, 5384-5397.	1.9	85
17	Tetrathiafulvalene-amido-2-pyridine-N-oxide as Efficient Charge-Transfer Antenna Ligand for the Sensitization of Yb ^{III} Luminescence in a Series of Lanthanide Paramagnetic Coordination Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 11926-11941.	1.7	84
18	Co(II)-Co(II) Paddlewheel Complex with a Redox-Active Ligand Derived from TTF. <i>Inorganic Chemistry</i> , 2006, 45, 10440-10442.	1.9	83

#	ARTICLE	IF	CITATIONS
19	Iron Alkynyl Helicenes: Redox-Triggered Chiroptical Tuning in the IR and Near-IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8062-8066.	7.2	71
20	A Series of Tetrathiafulvalene-Based Lanthanide Complexes Displaying Either Single Molecule Magnet or Luminescence-Direct Magnetic and Photo-Physical Correlations in the Ytterbium Analogue. <i>Inorganic Chemistry</i> , 2013, 52, 5978-5990.	1.9	70
21	Redox-Active Organometallics: Magnetic and Electronic Couplings through Carbon-Silicon Hybrid Molecular Connectors. <i>Journal of the American Chemical Society</i> , 2008, 130, 17372-17383.	6.6	69
22	3,5-Bis(ethynyl)pyridine and 2,6-Bis(ethynyl)pyridine Spanning Two Fe(Cp*)(dppe) Units: Role of the Nitrogen Atom on the Electronic and Magnetic Couplings. <i>Inorganic Chemistry</i> , 2011, 50, 12601-12622.	1.9	69
23	Axial Ligand Field in D_{4d} Coordination Symmetry: Magnetic Relaxation of Dy SMMs Perturbed by Counteranions. <i>Inorganic Chemistry</i> , 2017, 56, 11211-11219.	1.9	69
24	First trinuclear paramagnetic transition metal complexes with redox active ligands derived from TTF: $Co_2M(PhCOO)_6(TTF-CH_2CH-py)_2 \cdot 2CH_3CN$, M = Cu, Mn. <i>Chemical Communications</i> , 2007, , 280-282.	2.2	67
25	Magnetic Slow Relaxation in a Metal-Organic Framework Made of Chains of Ferromagnetically Coupled Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2018, 24, 6983-6991.	1.7	64
26	Tuning the Magnetic Interactions in D_{4h} Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2018, 57, 8550-8557.	1.9	62
27	Temperature-Induced Solid-State Valence Tautomeric Interconversion in Two Cobalt-Schiff Base Diquinone Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 6432-6440.	1.9	59
28	Elucidating the Magnetic Anisotropy and Relaxation Dynamics of Low-Coordinate Lanthanide Compounds. <i>Inorganic Chemistry</i> , 2016, 55, 1905-1911.	1.9	59
29	Lanthanide(III) Hexanuclear Circular Helicates: Slow Magnetic Relaxation, Toroidal Arrangement of Magnetic Moments, and Magnetocaloric Effects. <i>Inorganic Chemistry</i> , 2019, 58, 11903-11911.	1.9	56
30	Synthesis of a BEDT-TTF Bipyridine Organic Donor and the First Fell Coordination Complex with a Redox-Active Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3498-3502.	1.0	55
31	Electro-activity and magnetic switching in lanthanide-based single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3398-3417.	3.0	55
32	Paramagnetic transition metal complexes with a redox-active ligand: $M(hfac)_2(EDO-EDT-TTF-py)_n$; [M = Cu, n = 1, 2; M = Mn, n = 2]. <i>New Journal of Chemistry</i> , 2005, 29, 1135.	1.4	54
33	Magnetic and photo-physical investigations into D_{4h} and D_{3h} complexes involving tetrathiafulvalene ligand. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 1105-1117.	3.0	54
34	Ferromagnetism in an Extended Three-Dimensional, Diamond-like Copper(II) Network: A New Copper(II)/1-Hydroxybenzotriazolato Complex Exhibiting Soft-Magnet Properties and Two Transitions at 6.4 and 4.4 K. <i>Inorganic Chemistry</i> , 2000, 39, 2522-2529.	1.9	53
35	Unraveling the Crystal Structure of Lanthanide-Murexide Complexes: Use of an Ancient Complexometry Indicator as a Near-Infrared-Emitting Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2014, 20, 1569-1576.	1.7	53
36	Experimental and theoretical evidence that electrostatics governs easy-axis orientation in D_{4h} -based molecular chains. <i>Chemical Communications</i> , 2014, 50, 13346-13348.	2.2	52

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37	4-(2-Tetrathiafulvalenyl-ethenyl)pyridine (TTF ^{•+} CH ₂ •CH ^{•+} Py) Radical Cation Salts Containing Poly(η^2 -diketonate) Rare Earth Complexes: Synthesis, Crystal Structure, Photoluminescent and Magnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 7421-7429.	1.9	51
38	Spin frustration effects in an odd-member antiferromagnetic ring and the magnetic Möbius strip. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 55-60.	1.0	50
39	Slow magnetic relaxation in radical cation tetrathiafulvalene-based lanthanide(III) dinuclear complexes. <i>Chemical Communications</i> , 2013, 49, 11632.	2.2	50
40	Topology Control of Porous Coordination Polymers by Building Block Symmetry. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5055-5057.	1.0	49
41	In Solution Sensitization of Er(III) Luminescence by the 4-Tetrathiafulvalene-2,6-pyridinedicarboxylic Acid Dimethyl Antenna Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 978-984.	1.9	48
42	Alkylation Effects in Lanthanide Complexes Involving Tetrathiafulvalene Chromophores: Experimental and Theoretical Correlation between Magnetism and Near-Infrared Emission. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 69-82.	1.0	48
43	The Mackay-Type Cluster [Cu ₄₃ Al ₁₂](Cp*) ₁₂ : Open-Shell 67-Electron Superatom with Emerging Metal-Like Electronic Structure. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14630-14634.	7.2	48
44	Small Bioactivated Magnetic Quantum Dot Micelles. <i>Chemistry of Materials</i> , 2008, 20, 6657-6665.	3.2	47
45	Electronic and Magnetic Couplings in Free and η^5 -Coordinated 1,4-Diethynyl-naphthalene-Bridged [Cp*(dppe)Fe] ⁿ⁺ ($n = 0, 1$) Units. <i>Organometallics</i> , 2009, 28, 4656-4669.	1.1	47
46	Topological Dependence of the Magnetic Exchange Coupling in Arylethynyl-Bridged Organometallic Diradicals Containing [(η^2 -dppe)(η^5 -C ₅ Me ₅)FeIII] ⁺ Fragments. <i>Inorganic Chemistry</i> , 2009, 48, 10608-10624.	1.9	45
47	3d4f Heterobimetallic Dinuclear and Tetranuclear Complexes Involving Tetrathiafulvalene as Ligands: X-ray Structures and Magnetic and Photophysical Investigations. <i>Inorganic Chemistry</i> , 2012, 51, 8488-8501.	1.9	45
48	Paramagnetic 3d coordination complexes involving redox-active tetrathiafulvalene derivatives: an efficient approach to elaborate multi-properties materials. <i>Dalton Transactions</i> , 2013, 42, 1949-1960.	1.6	45
49	Hexatrienediyl Chain Spanning Two Cp*(dppe)M Termini (M = Fe, Ru): Evidence for the Dependence of Electronic and Magnetic Couplings on the Relative Orientation of the Termini. <i>Organometallics</i> , 2014, 33, 2613-2627.	1.1	45
50	Synthesis, Structure, and Magnetism of Heterometallic Carboxylate Complexes [MnIII ₂ MII ₄ O ₂ (PhCOO) ₁₀ (DMF) ₄], M = MnII, CoII, NiII. <i>Inorganic Chemistry</i> , 2005, 44, 5903-5910.	1.9	44
51	Ferromagnetic versus Antiferromagnetic Exchange Interactions in Tetrathiafulvalene-Based 3d/4f Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 12502-12511.	1.7	44
52	Lanthanide Dinuclear Complexes Involving Tetrathiafulvalene-3-pyridine-N-oxide Ligand: Semiconductor Radical Salt, Magnetic, and Photophysical Studies. <i>Inorganic Chemistry</i> , 2013, 52, 1398-1408.	1.9	44
53	Luminescence, chiroptical, magnetic and <i>ab initio</i> crystal-field characterizations of an enantiopure helicoidal Yb(III) complex. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 914-926.	3.0	43
54	Solid-State Near-Infrared Circularly Polarized Luminescence from Chiral Yb(III)-Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2021, 27, 7362-7366.	1.7	43

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55	New Metal Oxamates as Precursors of Low-Dimensional Heterobimetallics. <i>Inorganic Chemistry</i> , 1996, 35, 4932-4937.	1.9	42
56	Iodine Substituted Tetrathiafulvalene Radical Cation Salts with [M(isoq) ₂ (NCS) ₄]-Anions where M = Cr(III), Ga(III): A Role of I [•] -S and S [•] -S Contacts on Structural and Magnetic Properties. <i>Chemistry of Materials</i> , 2006, 18, 790-797.	3.2	42
57	Axially and Helically Chiral Cationic Radical Bicarbazoles: SOMO-HOMO Level Inversion and Chirality Impact on the Stability of Mono- and Diradical Cations. <i>Journal of the American Chemical Society</i> , 2020, 142, 20409-20418.	6.6	42
58	High Nuclearity Complexes of Lanthanide Involving Tetrathiafulvalene Ligands: Structural, Magnetic, and PhotoPhysical Properties. <i>Inorganic Chemistry</i> , 2013, 52, 1610-1620.	1.9	41
59	Influence of ferromagnetic connection of Ising-type Dy(III)-based single ion magnets on their magnetic slow relaxation. <i>Dalton Transactions</i> , 2013, 42, 6728.	1.6	40
60	Magnetic Memory from Site Isolated Dy(III) on Silica Materials. <i>ACS Central Science</i> , 2017, 3, 244-249.	5.3	40
61	First Paramagnetic 4d Transition-Metal Complex with a Redox-Active Tetrathiafulvalene Derivative, [Ru(salen)(PPh ₃) ₃](TTF-CH ₂ -CH-Py)]BF ₄ [salen ²⁻ = N,N'-Ethan-1,2-diybis(salicylideneamine), PPh ₃ = Triphenylphosphine, TTF-CH ₂ -CH-Py = 4-(2-Tetrathiafulvalenylethynyl)pyridine]. <i>Inorganic Chemistry</i> , 2008, 47, 9730-9732.	1.9	39
62	Synthesis, structure, sorption and magnetic properties of Ni(II) and Cu(II) complexes with thiosemicarbazone of 2-hydroxybenzaldehyde, bridged by 4,4'-bipyridine. <i>Inorganica Chimica Acta</i> , 2007, 360, 1883-1889.	1.2	38
63	A new approach towards ferromagnetic conducting materials based on TTF-containing polynuclear complexes. <i>Journal of Materials Chemistry</i> , 2010, 20, 9505.	6.7	38
64	A Dy ₄ Cubane: A New Member in the Single-Molecule Toroids Family. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17089-17093.	7.2	38
65	Hyperfine coupling and slow magnetic relaxation in isotopically enriched Dy ^{III} mononuclear single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1081-1086.	3.0	38
66	Helicene-Based Ligands Enable Strong Magneto-Chiral Dichroism in a Chiral Ytterbium Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 2671-2675.	6.6	38
67	Dc and ac magnetic properties of the two-dimensional molecular-based ferrimagnetic materials A ₂ M ₂ [Cu(opba)] ₃ n _{sol} [A ⁺ =cation, M ^{II} =Mn ^{II} or Co ^{II} , opba=ortho-phenylenebis(oxamato) and solv=solvent molecule]. <i>Journal of Materials Chemistry</i> , 1997, 7, 1263-1270.	6.7	37
68	Binuclear gadolinium(III) coordination complex based on bridging tetrathiafulvalenecarboxylate radical cations. <i>Chemical Communications</i> , 2009, , 3777.	2.2	37
69	Ab Initio Study of Circular Dichroism and Circularly Polarized Luminescence of Spin-Allowed and Spin-Forbidden Transitions: From Organic Ketones to Lanthanide Complexes. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 4140-4155.	2.3	37
70	2D Porous Honeycomb Polymers versus Discrete Nanocubes from Trigonal Trinuclear Complexes and Ligands with Variable Topology. <i>Chemistry - A European Journal</i> , 2012, 18, 5006-5012.	1.7	36
71	Magnetic Studies of Redox-Active Tetrathiafulvalene-Based Complexes: Dysprosium vs. Ytterbium Analogues. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3888-3894.	1.0	36
72	Pure TTF Chains in β -d Material made of Paramagnetic Transition Metal Complex Containing TTF as Ligand, [Cu(II)(hfac) ₂ (TTF-py) ₂](BF ₄) ₂ . 2.2CH ₂ Cl ₂ (hfac=hexafluoroacetylacetonate and) Tj ETQq0 0 0 rgBT /Overlock 1.0 Tf 50 53Td (TTF-p	1.0	36

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73	Experimental and Theoretical Studies on Photophysical Properties: Tuning Redox-Active Amido-Tetrathiafulvalene Derivatives in Paramagnetic Coordination Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 1947-1960.	1.9	35
74	Magnetic properties of a novel molecule-based ferrimagnet exhibiting multiple magnetic pole reversal. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 234, 6-12.	1.0	34
75	Manipulating the Relaxation of Quasi- D_{4d} Dysprosium Compounds through Alternation of the O-Donor Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 4534-4542.	1.9	34
76	Multiple Single-Molecule Magnet Behaviors in Dysprosium Dinuclear Complexes Involving a Multiple Functionalized Tetrathiafulvalene-Based Ligand. <i>Inorganic Chemistry</i> , 2015, 54, 4021-4028.	1.9	33
77	High temperature quantum tunnelling of magnetization and thousand kelvin anisotropy barrier in a D_{2d} single-molecule magnet. <i>Chemical Communications</i> , 2021, 57, 371-374.	2.2	33
78	Highly soluble Fe(III)-triethanolamine complex relevant for redox flow batteries. <i>Electrochimica Acta</i> , 2019, 301, 472-477.	2.6	32
79	4f Gadolinium(III) Complex Involving Tetrathiafulvalene-amido-2-pyrimidine-1-oxide as a Ligand. <i>Inorganic Chemistry</i> , 2009, 48, 4631-4633.	1.9	31
80	Doubly phenoxide-bridged binuclear copper(II) complexes with one tridentate schiff base ligand: Synthesis, structural, magnetic and theoretical studies. <i>Polyhedron</i> , 2015, 86, 81-88.	1.0	31
81	Polarized Neutron Diffraction to Probe Local Magnetic Anisotropy of a Low-Spin Fe(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3963-3967.	7.2	31
82	Optimization of Magnetic Relaxation and Isotopic Enrichment in Dimeric Dy(III) Single-Molecule Magnets. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 326-332.	1.0	30
83	Divalent Thulium Crown Ether Complexes with Field-Induced Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2019, 58, 2872-2880.	1.9	30
84	Tetrathiafulvalene-Based Helicene Ligand in the Design of a Dysprosium Field-Induced Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2019, 58, 52-56.	1.9	30
85	Single-Crystal Polarized Optical Absorption Spectroscopy of the One-Dimensional Ferrimagnet $MnII CuII(pba)(H_2O)_3 \cdot 2H_2O$ ($pba = 1,3$ -Propylenebis(oxamato)). <i>Inorganic Chemistry</i> , 2000, 39, 3799-3804.	1.9	29
86	Structural Flexibility and Sorption Properties of 2D Porous Coordination Polymers Constructed from Trinuclear Heterometallic Pivalates and 4,4'-bipyridine. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4985-4992.	1.0	28
87	Coordination polymers based on trinuclear heterometallic pivalates and polypyridines: Synthesis, structure, sorption and magnetic properties. <i>Inorganica Chimica Acta</i> , 2012, 380, 201-210.	1.2	28
88	Bromine-bridged Dy_2 single-molecule magnet: magnetic anisotropy driven by <i>cis/trans</i> stereoisomers. <i>Chemical Communications</i> , 2019, 55, 14661-14664.	2.2	28
89	New copper(ii)-centered complexes with organometallic donor-acceptor substituted unsymmetrical Schiff base ligands. <i>New Journal of Chemistry</i> , 2011, 35, 2027.	1.4	27
90	Redox- and solvato-magnetic switching in a tetrathiafulvalene-based triad single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2322-2334.	3.0	27

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91	Bis(8-Cyclooctatetraenyl Thulium(II): Highly Reducing Lanthanide Sandwich Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6042-6046.	7.2	27
92	Coordination complexes with the redox active tetrathiafulvalene based imino-pyrazine ligand: syntheses, a radical cation salt, crystal structures and electrochemistry. <i>Dalton Transactions</i> , 2009, , 3495.	1.6	26
93	Lanthanide-Based Dinuclear Complexes Involving an <i>o</i> -Quinone-Tetrathiafulvalene-Quinone Bridging Ligand: X-ray Structures, Magnetic and 1.0 Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4708-4718.		25
94	Iron Alkynyl Helicenes: Redox-Triggered Chiroptical Tuning in the IR and Near-IR Spectral Regions and Suitable for Telecommunications Applications. <i>Angewandte Chemie</i> , 2016, 128, 8194-8198.	1.6	25
95	Dramatic Remote Substituent Effects on the Electronic Spin State of Bis(scorpionate) Iron(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8687-8691.	7.2	24
96	Divalent Thulium Triflate: A Structural and Spectroscopic Study. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4266-4271.	7.2	24
97	Analysis of the Magnetic Exchange Interactions in Yttrium(III) Complexes Containing Nitronyl Nitroxide Radicals. <i>Inorganic Chemistry</i> , 2017, 56, 6788-6801.	1.9	24
98	Helicenic Complexes of Lanthanides: Influence of the Element on the Intersystem Crossing Efficiency and Competition between Luminescence and Oxygen Sensitization. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 118-125.	1.0	24
99	Luminescence-Driven Electronic Structure Determination in a Textbook Dimeric Dy ^{III} -Based Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2020, 26, 4389-4395.	1.7	23
100	Porous 2D coordination polymeric formate built up by Mn(II) linking of Fe ₃ O units: influence of guest molecules on magnetic properties. <i>Dalton Transactions</i> , 2009, , 3503.	1.6	22
101	Unprecedented Sensitization of Visible and Near-Infrared Lanthanide Luminescence by Using a Tetrathiafulvalene-Based Chromophore. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2814-2825.	1.7	22
102	Photophysical and Magnetic Properties in Complexes Containing 3d/4f Elements and Chiral Phenanthroline-Based Helicate-Like Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2100-2111.	1.0	22
103	Structural diversity and photo-physical and magnetic properties of dimeric to 1D polymeric coordination polymers of lighter lanthanide(III) dinitrobenzoates. <i>Dalton Transactions</i> , 2018, 47, 4722-4732.	1.6	22
104	Strong Magnetic Coupling and Single-Molecule-Magnet Behavior in Lanthanide-TEMPO Radical Chains. <i>Inorganic Chemistry</i> , 2018, 57, 11044-11057.	1.9	22
105	Molecular Magnetism: A Multidisciplinary Field of Research. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 305, 1-16.	0.3	21
106	Isotopic effects may induce cooperativity in valence tautomeric transition. <i>Chemical Communications</i> , 2004, , 652.	2.2	21
107	Electron-Sponge Behavior and Electronic Structures in Cobalt-Centered Pentagonal Prismatic Co ₁₁ Te ₇ (CO) ₁₀ and Co ₁₁ Te ₅ (CO) ₁₅ Cluster Anions. <i>Inorganic Chemistry</i> , 2007, 46, 501-509.	1.9	21
108	Influence of the supramolecular architecture on the magnetic properties of a Dy ^{III} single-molecule magnet: an ab initio investigation. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 2267-2274.	1.5	21

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109	Lanthanide complexes involving multichelating TTF-based ligands. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 604-617.	3.0	21
110	Synthesis, structure and magnetic properties of porous magnetic composite, based on MCM-41 molecular sieve with Fe ₃ O ₄ nanoparticles. <i>Journal of Solid State Chemistry</i> , 2006, 179, 2426-2432.	1.4	20
111	Electron-Sponge Behavior, Reactivity and Electronic Structures of Cobalt-Centered Cubic Co ₉ Te ₆ (CO) ₈ Clusters. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1959-1968.	1.0	20
112	Ytterbium-Centered Isotopic Enrichment Leading to a Zero-Field Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2021, 60, 540-544.	1.9	20
113	Molecule-based magnets with a fully interlocked three-dimensional structure. <i>Synthetic Metals</i> , 2001, 122, 559-567.	2.1	19
114	Crystal lattice effect on the quenching of the intracluster magnetic interaction in [V ₁₂ B ₁₈ O ₆₀ H ₆] ₁₀ ·nH ₂ O polyoxometalate. <i>Dalton Transactions</i> , 2014, 43, 14132-14141.	1.6	19
115	Slow Magnetic Relaxation in Chiral Helicene-Based Coordination Complex of Dysprosium. <i>Magnetochemistry</i> , 2017, 3, 2.	1.0	19
116	Assembly of Dinuclear Cu(I) Rigid Blocks by Bridging Azido or Poly(thiocyanato)chromates: Synthesis, Structures and Magnetic Properties of Coordination Polymers and Polynuclear Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1255-1266.	1.0	18
117	Solvent-Induced Change of Electronic Spectra and Magnetic Susceptibility of Co(II) Coordination Polymer with 2,4,6-Tris(4-pyridyl)-1,3,5-triazine. <i>Inorganic Chemistry</i> , 2015, 54, 5232-5238.	1.9	18
118	Slow Magnetic Relaxation in Unprecedented Mono-Dimensional Coordination Polymer of Ytterbium Involving Tetrathiafulvalene-Dicarboxylate Linker. <i>Magnetochemistry</i> , 2016, 2, 26.	1.0	18
119	Tetranuclear dysprosium single-molecule magnets: tunable magnetic interactions and magnetization dynamics through modifying coordination number. <i>Dalton Transactions</i> , 2019, 48, 2135-2141.	1.6	18
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