

Olivier Cador

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.

192 papers	5,623 citations	43 h-index	64 g-index
203 ext. papers	6,223 ext. citations	5.5 avg, IF	5.66 L-index

#	Paper	IF	Citations
192	Synthesis and Structures of Tris(cyclononatetraenyl) Rare-Earth Complexes [Ln(C ₉ H ₉) ₃] (Ln = Y, Gd, Tb, Dy, Ho, Er, Tm). <i>Organometallics</i> , 2022 , 41, 133-140	3.8	0
191	Counterintuitive Single-Molecule Magnet Behaviour in Two Polymorphs of One-Dimensional Compounds Involving Chiral BINOL-Derived Bisphosphate Ligands. <i>Magnetochemistry</i> , 2021 , 7, 150	3.1	0
190	Non-covalent interactions in hexanuclear polyoxidometalates [VIV ₆ B ₂₀ O ₅₀ H ₈] ⁸⁻ An experimental and theoretical approach. <i>Polyhedron</i> , 2021 , 211, 115553	2.7	0
189	Leveraging Surface Siloxide Electronics to Enhance the Relaxation Properties of a Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5438-5444	16.4	3
188	Solid-State Near-Infrared Circularly Polarized Luminescence from Chiral Yb -Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2021 , 27, 7362-7366	4.8	12
187	Spin Crossover and Field-Induced Single-Molecule Magnet Behaviour in Co(II) Complexes Based on Terpyridine with Tetrathiafulvalene Analogues. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2374-2383	2.3	3
186	Chiral or Luminescent Lanthanide Single-Molecule Magnets Involving Bridging Redox Active Triad Ligand. <i>Inorganics</i> , 2021 , 9, 50	2.9	0
185	Azide-Coordination in Homometallic Dinuclear Lanthanide(III) Complexes Containing Nonequivalent Lanthanide Metal Ions: Zero-Field SMM Behavior in the Dysprosium Analogue. <i>Inorganic Chemistry</i> , 2021 , 60, 8530-8545	5.1	4
184	Solvato Modulation of the Magnetic Memory in Isotopically Enriched Erbium Polyoxometalate. <i>Chemistry - A European Journal</i> , 2021 , 27, 10160-10168	4.8	0
183	High temperature quantum tunnelling of magnetization and thousand kelvin anisotropy barrier in a Dy single-molecule magnet. <i>Chemical Communications</i> , 2021 , 57, 371-374	5.8	14
182	Luminescent dysprosium single-molecule magnets made from designed chiral BINOL-derived bisphosphate ligands. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 963-976	6.8	7
181	Bis-Cyclooctatetraenyl Thulium(II): Highly Reducing Lanthanide Sandwich Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6042-6046	16.4	9
180	Solid-state versus solution investigation of a luminescent chiral BINOL-derived bisphosphate single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 947-962	6.8	5
179	Bis-Cyclooctatetraenyl Thulium(II): Highly Reducing Lanthanide Sandwich Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2021 , 133, 6107-6111	3.6	5
178	Luminescence, chiroptical, magnetic and ab initio crystal-field characterizations of an enantiopure helicoidal Yb(III) complex. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 914-926	6.8	13
177	Study of the influence of nuclear spin and dilution over the slow relaxation in a 3d4f heterobimetallic single-molecule magnet. <i>Dalton Transactions</i> , 2021 , 50, 11466-11471	4.3	1
176	Coordination anion effects on the geometry and magnetic interaction of binuclear Dy single-molecule magnets. <i>Dalton Transactions</i> , 2021 , 50, 15027-15035	4.3	2

175	Field-Induced Single-Molecule Magnets of Dysprosium Involving Quinone Derivatives. <i>Magnetochemistry</i> , 2021 , 7, 24	3.1	1
174	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	16.4	12
173	Versatile Reactivity of Mn Complexes in Reactions with N-Donor Heterocycles: Metamorphosis of Labile Homometallic Pivalates vs. Assembling of Endurable Heterometallic Acetates. <i>Molecules</i> , 2021 , 26,	4.8	1
172	Size-Controlled Hapticity Switching in [Ln(C ₆ H ₅)(C ₆ H ₅)] Sandwiches. <i>Chemistry - A European Journal</i> , 2021 , 27, 13558-13567	4.8	1
171	Ytterbium-Centered Isotopic Enrichment Leading to a Zero-Field Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2021 , 60, 540-544	5.1	7
170	Dual switchable molecular tweezers incorporating anisotropic Mn-salphen complexes. <i>Dalton Transactions</i> , 2020 , 49, 8872-8882	4.3	2
169	Field-Induced Single Molecular Magnetism and Photoluminescence in Rare Cocrystals of Isomorphous Lanthanide(III) Coordination Compounds with Fully Substituted Pyridine-4-carboxamide Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 9227-9238	5.1	6
168	Redox-Modulations of Photophysical and Single-molecule Magnet Properties in Ytterbium Complexes Involving Extended-TTF Triads. <i>Molecules</i> , 2020 , 25,	4.8	8
167	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	4.8	10
166	Dysprosium Single-Molecule Magnets Involving 1,10-Phenanthroline-5,6-dione Ligand. <i>Magnetochemistry</i> , 2020 , 6, 19	3.1	3
165	Redox- and solvato-magnetic switching in a tetrathiafulvalene-based triad single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2322-2334	6.8	15
164	Influence of ligand field on magnetic anisotropy in a family of pentacoordinate Co complexes. <i>Dalton Transactions</i> , 2020 , 49, 4785-4796	4.3	6
163	Decorated Tetrathiafulvalene-Based Ligands: Powerful Chemical Tools for the Design of Single-Molecule Magnets. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 148-164	2.3	11
162	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 ,	16.4	20
161	Redox Modulation of Field-Induced Tetrathiafulvalene-Based Single-Molecule Magnets of Dysprosium. <i>Magnetochemistry</i> , 2020 , 6, 34	3.1	3
160	Slow magnetic relaxation in a homo dinuclear Dy(III) complex in a pentagonal bipyramidal geometry. <i>Dalton Transactions</i> , 2020 , 49, 13110-13122	4.3	4
159	Tetranuclear dysprosium single-molecule magnets: tunable magnetic interactions and magnetization dynamics through modifying coordination number. <i>Dalton Transactions</i> , 2019 , 48, 2135-2141	4.3	17
158	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	6.4	14

157	Lanthanide(III) Hexanuclear Circular Helicates: Slow Magnetic Relaxation, Toroidal Arrangement of Magnetic Moments, and Magnetocaloric Effects. <i>Inorganic Chemistry</i> , 2019 , 58, 11903-11911	5.1	35
156	N3O6 versus N2O6 coordinated dysprosium slow magnetic relaxation in a tetrathiafulvalene-based dinuclear complex. <i>Polyhedron</i> , 2019 , 168, 28-36	2.7	4
155	Hyperfine coupling and slow magnetic relaxation in isotopically enriched DyIII mononuclear single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1081-1086	6.8	25
154	Divalent Thulium Crown Ether Complexes with Field-Induced Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2019 , 58, 2872-2880	5.1	20
153	Highly soluble Fe(III)-triethanolamine complex relevant for redox flow batteries. <i>Electrochimica Acta</i> , 2019 , 301, 472-477	6.7	12
152	Redox-Active Dysprosium Single-Molecule Magnet: Spectro-Electrochemistry and Theoretical Investigations. <i>Magnetochemistry</i> , 2019 , 5, 46	3.1	2
151	Slow Magnetic Relaxation in Dinuclear CoY Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 10725-10735	5.1	9
150	Structural and magnetic investigations of a binuclear coordination compound of dysprosium(iii) dinitrobenzoate. <i>Dalton Transactions</i> , 2019 , 48, 3922-3929	4.3	5
149	Bromine-bridged Dy single-molecule magnet: magnetic anisotropy driven by cis/trans stereoisomers. <i>Chemical Communications</i> , 2019 , 55, 14661-14664	5.8	15
148	Electro-activity and magnetic switching in lanthanide-based single-molecule magnets. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3398-3417	6.8	35
147	Helicenic Complexes of Lanthanides: Influence of the f-Element on the Intersystem Crossing Efficiency and Competition between Luminescence and Oxygen Sensitization. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 118-125	2.3	18
146	Tetrathiafulvalene-Based Helicene Ligand in the Design of a Dysprosium Field-Induced Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2019 , 58, 52-56	5.1	22
145	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	4.3	18
144	Manipulating the Relaxation of Quasi- D Dysprosium Compounds through Alternation of the O-Donor Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 4534-4542	5.1	28
143	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	4.8	54
142	Optimization of Magnetic Relaxation and Isotopic Enrichment in Dimeric DyIII Single-Molecule Magnets. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 326-332	2.3	22
141	Luminescence and Single-Molecule-Magnet Behaviour in Lanthanide Coordination Complexes Involving Benzothiazole-Based Tetrathiafulvalene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 458-468	2.3	11
140	The Mackay-Type Cluster [Cu Al](Cp*) : Open-Shell 67-Electron Superatom with Emerging Metal-Like Electronic Structure. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14630-14634	16.4	25

139	Field-Induced Dysprosium Single-Molecule Magnet Involving a Fused o-Semiquinone-Extended-Tetrathiafulvalene-o-Semiquinone Bridging Triad. <i>Inorganics</i> , 2018 , 6, 45	2.9	7
138	Strong Magnetic Coupling and Single-Molecule-Magnet Behavior in Lanthanide-TEMPO Radical Chains. <i>Inorganic Chemistry</i> , 2018 , 57, 11044-11057	5.1	14
137	Tetrathiafulvalene-Based Magnets of Lanthanides. <i>Topics in Organometallic Chemistry</i> , 2018 , 163-189	0.6	1
136	Fine Control of the Metal Environment within Dysprosium-Based Mononuclear Single-Molecule Magnets. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 333-339	2.3	9
135	A Dy Cubane: A New Member in the Single-Molecule Toroids Family. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17089-17093	16.4	29
134	A Dy ₄ Cubane: A New Member in the Single-Molecule Toroids Family. <i>Angewandte Chemie</i> , 2018 , 130, 17335-17339	3.6	4
133	Field-Induced Dysprosium Single-Molecule Magnet Based on a Redox-Active Fused 1,10-Phenanthroline-Tetrathiafulvalene-1,10-Phenanthroline Bridging Triad. <i>Frontiers in Chemistry</i> , 2018 , 6, 552	5	6
132	Homoleptic CoII, NiII, CuII, and ZnII Complexes Based on 8-Hydroxyquinoline Schiff Base Derivative: a Combined Synthetic, Spectral, Structural, and Magnetic Study. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4720-4730	2.3	3
131	Spin-Crossover and Field-Induced Single-Molecule Magnet Behaviour in Metal(II)-Dipyrazolylpyridine Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4452-4457	7.3	5
130	Slow Relaxation of the Magnetization in Bis-Decorated Chiral Helicene-Based Coordination Complexes of Lanthanides. <i>Magnetochemistry</i> , 2018 , 4, 39	3.1	10
129	Tuning the Magnetic Interactions in Dy(III) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2018 , 57, 8550-8557	16.5	48
128	Lanthanide complexes involving multichelating TTF-based ligands. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 604-617	6.8	18
127	Magnetic Memory from Site Isolated Dy(III) on Silica Materials. <i>ACS Central Science</i> , 2017 , 3, 244-249	16.8	30
126	Divalent Thulium Triflate: A Structural and Spectroscopic Study. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4266-4271	16.4	21
125	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	2.3	19
124	Photo-physical properties of donor-acceptor-radical triad based on functionalized tetrathiafulvalene and nitronyl nitroxide radical. <i>Dyes and Pigments</i> , 2017 , 145, 285-293	4.6	3
123	Analysis of the Magnetic Exchange Interactions in Yttrium(III) Complexes Containing Nitronyl Nitroxide Radicals. <i>Inorganic Chemistry</i> , 2017 , 56, 6788-6801	5.1	22
122	Rücktitelbild: Divalent Thulium Triflate: A Structural and Spectroscopic Study (Angew. Chem. 15/2017). <i>Angewandte Chemie</i> , 2017 , 129, 4428-4428	3.6	

121	Divalent Thulium Triflate: A Structural and Spectroscopic Study. <i>Angewandte Chemie</i> , 2017 , 129, 4330-4336	3	7
120	Uncommon lanthanide ions in purely 4f Single Molecule Magnets. <i>Coordination Chemistry Reviews</i> , 2017 , 346, 150-175	23.2	201
119	Axial Ligand Field in D Coordination Symmetry: Magnetic Relaxation of Dy SMMs Perturbed by Counteranions. <i>Inorganic Chemistry</i> , 2017 , 56, 11211-11219	5.1	53
118	Slow Magnetic Relaxation in Chiral Helicene-Based Coordination Complex of Dysprosium. <i>Magnetochemistry</i> , 2017 , 3, 2	3.1	13
117	Structural and Physical Investigations of Coordination Complexes Involving Pyridylethylenedithio-tetrathiafulvalene Ligands Decorated with Cyanoethylsulfanyl and Cyanoethylselanyl Moieties. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5630-5639	2.3	6
116	Luminescent Molecular Magnets 2016 , 345-368		3
115	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, 8062-6	16.4	55
114	Polarized Neutron Diffraction to Probe Local Magnetic Anisotropy of a Low-Spin Fe(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3963-7	16.4	23
113	Elucidating the Magnetic Anisotropy and Relaxation Dynamics of Low-Coordinate Lanthanide Compounds. <i>Inorganic Chemistry</i> , 2016 , 55, 1905-11	5.1	49
112	Slow Magnetic Relaxation in Unprecedented Mono-Dimensional Coordination Polymer of Ytterbium Involving Tetrathiafulvalene-Dicarboxylate Linker. <i>Magnetochemistry</i> , 2016 , 2, 26	3.1	17
111	Dysprosium- and Ytterbium-Based Complexes Involving Tetrathiafulvalene Derivatives Functionalised with 2,2'-Bipyridine or 2,6-Di(pyrazol-1-yl)-4-pyridine. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2039-2050	2.3	7
110	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	3.6	22
109	Efficient preparation of multimetallic ONO-based Schiff base complexes of nickel(II) and copper(II). <i>New Journal of Chemistry</i> , 2016 , 40, 5920-5929	3.6	11
108	Luminescence and single-molecule magnet behavior in lanthanide complexes involving a tetrathiafulvalene-fused dipyrrophenazine ligand. <i>Inorganic Chemistry</i> , 2015 , 54, 5384-97	5.1	79
107	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, 5232-8	5.1	17
106	First Non-Centrosymmetric Deca-Vanadoborate with Borate Vacancies, Self-Assembled around a 1,3-Propanediammonium Cation. <i>Crystal Growth and Design</i> , 2015 , 15, 2561-2564	3.5	11
105	Multiple single-molecule magnet behaviors in dysprosium dinuclear complexes involving a multiple functionalized tetrathiafulvalene-based ligand. <i>Inorganic Chemistry</i> , 2015 , 54, 4021-8	5.1	30
104	Magnetic and photo-physical investigations into Dy(III) and Yb(III) complexes involving tetrathiafulvalene ligand. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 1105-1117	6.8	48

103	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, 2834-42	24.3	118
102	Magnetic memory in an isotopically enriched and magnetically isolated mononuclear dysprosium complex. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1504-7	16.4	167
101	Magnetic Memory in an Isotopically Enriched and Magnetically Isolated Mononuclear Dysprosium Complex. <i>Angewandte Chemie</i> , 2015 , 127, 1524-1527	3.6	40
100	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	2.7	27
99	Magnetic and Photo-Physical Properties of Lanthanide Dinuclear Complexes Involving the 4,5-Bis(2-Pyridyl-N-Oxidemethylthio)-4',5'-Dicarboxylic Acid-Tetrathiafulvalene-, Dimethyl Ester Ligand. <i>Inorganics</i> , 2015 , 3, 554-572	2.9	1
98	Unraveling the crystal structure of lanthanide-murexide complexes: use of an ancient complexometry indicator as a near-infrared-emitting single-ion magnet. <i>Chemistry - A European Journal</i> , 2014 , 20, 1569-76	4.8	47
97	Magnetic Studies of Redox-Active Tetrathiafulvalene-Based Complexes: Dysprosium vs. Ytterbium Analogues. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3888-3894	2.3	32
96	Slow Magnetic Relaxation in a Redox-Active Tetrathiafulvalene-Based Ferromagnetic Dysprosium Complex. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 4558-4563	2.3	9
95	Crystal lattice effect on the quenching of the intracluster magnetic interaction in [V12B18O60H6](10-) polyoxometalate. <i>Dalton Transactions</i> , 2014 , 43, 14132-41	4.3	16
94	Experimental and theoretical evidence that electrostatics governs easy-axis orientation in Dy(III)-based molecular chains. <i>Chemical Communications</i> , 2014 , 50, 13346-8	5.8	49
93	Hexatriynediyl 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	3.8	41
92	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, 2267-74 ³		21
91	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	2.3	46
90	Unprecedented sensitization of visible and near-infrared lanthanide luminescence by using a tetrathiafulvalene-based chromophore. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2814-25	4.5	19
89	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, 16332-5	16.4	124
88	Slow magnetic relaxation in radical cation tetrathiafulvalene-based lanthanide(III) dinuclear complexes. <i>Chemical Communications</i> , 2013 , 49, 11632-4	5.8	46
87	Difluorodioxophosphate-based hollow hexanuclear lanthanide(III) clusters decorated with tetrathiafulvalene ligands. <i>Inorganic Chemistry</i> , 2013 , 52, 9711-3	5.1	7
86	Paramagnetic 3d coordination complexes involving redox-active tetrathiafulvalene derivatives: an efficient approach to elaborate multi-properties materials. <i>Dalton Transactions</i> , 2013 , 42, 1949-60	4.3	41

85	A redox-active luminescent ytterbium based single molecule magnet. <i>Chemical Communications</i> , 2013 , 49, 615-7	5.8	162
84	High nuclearity complexes of lanthanide involving tetrathiafulvalene ligands: structural, magnetic, and photophysical properties. <i>Inorganic Chemistry</i> , 2013 , 52, 1610-20	5.1	39
83	Slow magnetic relaxation in condensed versus dispersed dysprosium(III) mononuclear complexes. <i>Chemistry - A European Journal</i> , 2013 , 19, 7895-903	4.8	81
82	Influence of ferromagnetic connection of Ising-type Dy(III)-based single ion magnets on their magnetic slow relaxation. <i>Dalton Transactions</i> , 2013 , 42, 6728-31	4.3	37
81	A facile route to steady redox-modulated nitroxide spin-labeled surfaces based on diazonium chemistry. <i>Chemical Communications</i> , 2013 , 49, 4555-7	5.8	6
80	Lanthanide dinuclear complexes involving tetrathiafulvalene-3-pyridine-N-oxide ligand: semiconductor radical salt, magnetic, and photophysical studies. <i>Inorganic Chemistry</i> , 2013 , 52, 1398-408 ^{5.1}	5.1	41
79	3d and 4d coordination complexes and coordination polymers involving electroactive tetrathiafulvalene containing ligands. <i>Comptes Rendus Chimie</i> , 2013 , 16, 679-687	2.7	7
78	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, 5978-90	5.1	63
77	Electroactive 4f Lanthanides Complexes Involving Tetrathiafulvalene Derivatives as Ligands 2013 , 185-218		
76	A single molecule magnet behaviour in a D3h symmetry Dy(III) complex involving a quinone-tetrathiafulvalene-quinone bridge. <i>Chemical Communications</i> , 2012 , 48, 714-6	5.8	92
75	Triphenylamine Derivatives with Para-Disposed Pendant Electron-Rich Organoiron Alkynyl Substituents: Defining the Magnetic Interactions in a Trinuclear Iron(III) Trication. <i>Organometallics</i> , 2012 , 31, 1635-1642	3.8	14
74	In solution sensitization of Er(III) luminescence by the 4-tetrathiafulvalene-2,6-pyridinedicarboxylic acid dimethyl antenna ligand. <i>Inorganic Chemistry</i> , 2012 , 51, 978-84	5.1	46
73	The role of the bridging group in exchange coupling in dinuclear homo- and heterometallic Ni(II) and Co(II) complexes with oxalate, oxamidate and dithiooxamidate bridges. <i>Dalton Transactions</i> , 2012 , 41, 11319-29	4.3	8
72	3d4f heterobimetallic dinuclear and tetranuclear complexes involving tetrathiafulvalene as ligands: X-ray structures and magnetic and photophysical investigations. <i>Inorganic Chemistry</i> , 2012 , 51, 8488-501 ^{5.1}	5.1	42
71	Lanthanide-Based Dinuclear Complexes Involving an o-Quinone-Tetrathiafulvalene-Quinone Bridging Ligand: X-ray Structures, Magnetic and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4708-4718	2.3	21
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, 5006-12	4.8	33
69	Coordination polymers based on trinuclear heterometallic pivalates and polypyridines: Synthesis, structure, sorption and magnetic properties. <i>Inorganica Chimica Acta</i> , 2012 , 380, 201-210	2.7	26
68	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr ₈ Ni. <i>Physical Review B</i> , 2012 , 86,	3.3	10

67	Antiferromagnetic ordering in cobalt(II) and nickel(II) 1D coordination polymers with the dithioamide of 1,3-benzenedicarboxylic acid. <i>New Journal of Chemistry</i> , 2011 , 35, 2179	3.6	11
66	New copper(II)-centered complexes with organometallic donor-acceptor substituted unsymmetrical Schiff base ligands. <i>New Journal of Chemistry</i> , 2011 , 35, 2027	3.6	24
65	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, 12601-22	5.1	62
64	New thiocyanato and azido adducts of the redox-active Fe(η -C ₅ Me ₅)(η -dppe) center: Synthesis and study of the Fe(II) and Fe(III) complexes. <i>Inorganica Chimica Acta</i> , 2011 , 374, 288-301	2.7	3
63	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	2.3	25
62	Ferromagnetic versus antiferromagnetic exchange interactions in tetrathiafulvalene-based 3d/4f heterobimetallic complexes. <i>Chemistry - A European Journal</i> , 2011 , 17, 12502-11	4.8	38
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