

Eric Rivière

List of Publications by Year in descending order

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7,638
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38720

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75
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195
all docs

195
docs citations

195
times ranked

6234
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-Crossover Coordination Nanoparticles. <i>Inorganic Chemistry</i> , 2008, 47, 6584-6586.	1.9	293
2	Iron Polyoxometalate Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3077-3081.	7.2	185
3	A Photochromic Molecule-Based Magnet. <i>Chemistry of Materials</i> , 2001, 13, 159-162.	3.2	157
4	A Nonanuclear Copper(II) Polyoxometalate Assembled Around a 1/4-1,1,1,3,3,3-Azido Ligand and Its Parent Tetranuclear Complex. <i>Chemistry - A European Journal</i> , 2005, 11, 1771-1778.	1.7	154
5	An Ni ₄ Single-Molecule Magnet: Synthesis, Structure and Low-Temperature Magnetic Behavior. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2219-2222.	1.0	152
6	Structural Characterization and Magnetic Properties of Sandwich-Type Tungstoarsenate Complexes. Study of a Mixed-Valent V ^{IV} /V ^V Heteropolyanion. <i>Inorganic Chemistry</i> , 2001, 40, 44-48.	1.9	131
7	Solvothermal Synthesis of a Tetradecametallic Fe ^{III} Cluster. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3781-3784.	7.2	127
8	Characterization and Electrochemical Properties of Molecular Icosanuclear and Bidimensional Hexanuclear Cu(II) Azido Polyoxometalates. <i>Inorganic Chemistry</i> , 2007, 46, 5292-5301.	1.9	122
9	A Supramolecular Tetradecanuclear Copper(II) Polyoxotungstate. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3523-3526.	7.2	120
10	Magneto-Structural Correlations: Synthesis of a Family of End-On Azido-Bridged Manganese(II) Dinuclear Compounds with S = 5 Spin Ground State. <i>Inorganic Chemistry</i> , 2005, 44, 2391-2399.	1.9	117
11	Structural and Magnetic Properties of Mn ^{III} and Cu ^I Tetranuclear Azido Polyoxometalate Complexes: Multifrequency High-Field EPR Spectroscopy of Cu ₄ Clusters with S=1 and S=2 Ground States. <i>Chemistry - A European Journal</i> , 2006, 12, 1950-1959.	1.7	115
12	Synthesis, Structure, and Magnetic Behavior of a Series of Trinuclear Schiff Base Complexes of 5f (U ^{IV} ,) Tj ETQq0 0.0,rgBT /Overlock 10	1.9	114
13	Functionalization of Polyoxometalates by a Negatively Charged Bridging Ligand: The Dimeric [(SiW ₁₁ O ₃₉ Ln) ₂ (1/4-CH ₃ COO) ₂] ¹²⁻ (Ln = Gd ^{III} , Yb ^{III}) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 33-36.	1.0	110
14	Lanthanide(III)/Actinide(III) Differentiation in the Cerium and Uranium Complexes [M(C ₅ Me ₅) ₂ (L)] ₂ (L=2,2'-Bipyridine, 2,2'-6,6'-2,2'-Terpyridine): Structural, Magnetic, and Reactivity Studies. <i>Chemistry - A European Journal</i> , 2005, 11, 6994-7006.	1.7	101
15	Heterometallic 3d-4f cubane clusters inserted in polyoxometalate matrices. <i>Chemical Communications</i> , 2009, , 2703.	2.2	101
16	Magnetic Bistability of Individual Single-Molecule Magnets Grafted on Single-Wall Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4949-4952.	7.2	97
17	Hybrid Molecular-Based Magnets Containing Organic NLO Chromophores: A Search toward an Interplay between Magnetic and NLO Behavior. <i>Chemistry of Materials</i> , 2001, 13, 441-449.	3.2	91
18	A Cu ₁₁ Metallacyclophane-Based Metamagnet with a Corrugated Brick-Wall Sheet Architecture. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 956-958.	7.2	90

#	ARTICLE	IF	CITATIONS
19	Octa- and Nonanuclear Nickel(II) Polyoxometalate Clusters: Synthesis and Electrochemical and Magnetic Characterizations. <i>Inorganic Chemistry</i> , 2008, 47, 11120-11128.	1.9	86
20	Photomagnetic effect in a cyanide-bridged mixed-valence {FeII2FeIII2} molecular square. <i>Chemical Communications</i> , 2012, 48, 5653.	2.2	84
21	Water Substitution on Iron Centers: from 0D to 1D Sandwich Type Polyoxotungstates. <i>Inorganic Chemistry</i> , 2008, 47, 3371-3378.	1.9	79
22	Large Magnetic Anisotropy in Pentacoordinate NiII Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 1169-1177.	1.7	75
23	Magnetic Properties of Gold Nanoparticles: A Room-Temperature Quantum Effect. <i>ChemPhysChem</i> , 2012, 13, 3092-3097.	1.0	74
24	Polyoxometalates Functionalized by Bisphosphonate Ligands: Synthesis, Structural, Magnetic, and Spectroscopic Characterizations and Activity on Tumor Cell Lines. <i>Inorganic Chemistry</i> , 2012, 51, 7921-7931.	1.9	74
25	Tuning the Ising-type anisotropy in trigonal bipyramidal Co(II) complexes. <i>Chemical Communications</i> , 2015, 51, 16475-16478.	2.2	73
26	Cubane-like tetranuclear Cu(II) complexes bearing a Cu4O4 core: crystal structure, magnetic properties, DFT calculations and phenoxazinone synthase like activity. <i>Dalton Transactions</i> , 2017, 46, 1249-1259.	1.6	69
27	Design of strongly NLO-active molecularly-based ferromagnets. <i>Advanced Materials</i> , 1997, 9, 981-984.	11.1	67
28	Structure, Magnetic Properties and Magnetic Phase Diagram of a Layered, Bimetallic, Cyanide-Bridged CrIII-NiII Metamagnet. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1287-1293.	1.0	67
29	Fe2 and Fe4 Clusters Encapsulated in Vacant Polyoxotungstates: Hydrothermal Synthesis, Magnetic and Electrochemical Properties, and DFT Calculations. <i>Chemistry - A European Journal</i> , 2008, 14, 3189-3199.	1.7	67
30	Interplay between Magnetism and Photochromism in Spiropyran-MnPS3 Intercalation Compounds. <i>Chemistry of Materials</i> , 2001, 13, 3709-3716.	3.2	66
31	Reinvestigation of the MII (M = Ni, Co)/TetraThiafulvaleneTetraCarboxylate System Using High-Throughput Methods: Isolation of a Molecular Complex and Its Single-Crystal-to-Single-Crystal Transformation to a Two-Dimensional Coordination Polymer. <i>Inorganic Chemistry</i> , 2010, 49, 10710-10717.	1.9	66
32	SQUID Magnetization Study of the Infrared-Induced Spin Transition in the S2 State of Photosystem II: Spin Value Associated with the 4.1 EPR Signal. <i>Journal of the American Chemical Society</i> , 1998, 120, 7924-7928.	6.6	65
33	Thermo- and photoswitchable spin-crossover nanoparticles of an iron(II) complex trapped in transparent silica thin films. <i>Dalton Transactions</i> , 2010, 39, 7806.	1.6	65
34	A New Family of Layered Molybdenum(V) Cobalto-Phosphates Built up of [H14(Mo16O32)Co16(PO4)24(H2O)20]10+ Wheels. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2455-2457.	7.2	64
35	Metal-radical approach to high spin molecules: a pentanuclear 1/4-cyano CrIIINiII(radical)2 complex with a low-lying S = 9 ground state. <i>Chemical Communications</i> , 1999, , 1951-1952.	2.2	63
36	X- and Q-Band EPR Studies of the Dinuclear Mn(II) Complex [(Bmp)Mn2(1/4-OAc)2]+. Determination of the Spin Parameters for the S=1 and S=2 Spin States. <i>Inorganic Chemistry</i> , 2003, 42, 4568-4578.	1.9	63

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37	A Polyoxometalate Containing the $\{Ni_2N_3\}$ Fragment: Ferromagnetic Coupling in a $Ni^{II}_{1/4}-1,1$ Azido Complex with a Large Bridging Angle. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2274-2277.	7.2	63
38	Monomeric, Tetrameric, and Polymeric Copper Di-tert-butyl Phosphate Complexes Containing Pyridine Ancillary Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 945-953.	1.9	63
39	An Unusual Stable Mononuclear Mn^{III} Bis-terpyridine Complex Exhibiting Jahn-Teller Compression: Electrochemical Synthesis, Physical Characterisation and Theoretical Study. <i>Chemistry - A European Journal</i> , 2009, 15, 980-988.	1.7	63
40	Subcomponent Self-Assembly of Rare-Earth Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2013, 52, 5194-5200.	1.9	63
41	Uranyl and Uranyl $3d$ Block Cation Complexes with 1,3-Adamantanedicarboxylate: Crystal Structures, Luminescence, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2015, 54, 2838-2850.	1.9	63
42	Square versus tetrahedral iron clusters with polyoxometalate ligands. <i>Dalton Transactions</i> , 2008, , 71-76.	1.6	60
43	Structural, Magnetic, EPR, and Electrochemical Characterizations of a Spin-Frustrated Trinuclear Cr^{III} Polyoxometalate and Study of Its Reactivity with Lanthanum Cations. <i>Inorganic Chemistry</i> , 2010, 49, 2851-2858.	1.9	60
44	First Evidence of a Photoinduced Spin Change in an Fe^{III} Complex Using Visible Light at Room Temperature. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 2117-2119.	1.0	58
45	Syntheses, X-Ray Crystal Structures, and Magnetic Properties of Novel Linear MUIV Complexes (M=Co.) Tj ETQq1 1,0,784314,rgBT /O	1.7	57
46	A Mixed-Valence Mixed-Spin Prussian-Blue-Like Heptanuclear Complex. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2885-2887.	7.2	56
47	Rational Design of an Enneanuclear Copper(II) Complex with a Metallacyclophane Core. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 850-852.	7.2	56
48	Structural Dependence of the Ising-type Magnetic Anisotropy and of the Relaxation Time in Mononuclear Trigonal Bipyramidal $Co(II)$ Single Molecule Magnets. <i>Inorganic Chemistry</i> , 2017, 56, 1104-1111.	1.9	53
49	Spin transition with a large thermal hysteresis near room temperature in a water solvate of an iron(III) thiosemicarbazone complex. <i>New Journal of Chemistry</i> , 2003, 27, 341.	1.4	52
50	Biomimetic Catalysis of Catechol Cleavage by O_2 in Organic Solvents $\hat{=}$ Role of Accessibility of O_2 to Fe^{III} in 2,11-Diaza[3,3](2,6)pyridinophane-Type Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2249-2254.	1.0	51
51	An unprecedented $\{Ni_{14}SiW_9\}$ hybrid polyoxometalate with high photocatalytic hydrogen evolution activity. <i>Chemical Communications</i> , 2019, 55, 4166-4169.	2.2	51
52	A Two-Step Spin Crossover in $[(TPA)Fe^{III}(cat)]BPh_4$. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 196-198.	7.2	50
53	Assembly of a magnetic polyoxometalate on SWNTs. <i>Nanoscale</i> , 2010, 2, 139-144.	2.8	50
54	Title is missing!. <i>Journal of Materials Chemistry</i> , 2001, 11, 3392-3396.	6.7	49

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55	Structural and Electronic Dependence of the Single-Molecule-Magnet Behavior of Dysprosium(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2598-2605.	1.9	49
56	New Linear High-Valent Tetranuclear Manganese-Oxo Cluster Relevant to the Oxygen-Evolving Complex of Photosystem II with Oxo, Hydroxo, and Aqua Coordinated to a Single Mn(IV). <i>Inorganic Chemistry</i> , 2005, 44, 9567-9573.	1.9	48
57	Structural and Magnetic Characterization of a Tetranuclear Copper(II) Cubane Stabilized by Intramolecular Metal Cation-π Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 5824-5830.	1.9	48
58	Hexanuclear, Heterometallic, Ni ₃ Ln ₃ Complexes Possessing O-Capped Homo- and Heterometallic Structural Subunits: SMM Behavior of the Dysprosium Analogue. <i>Inorganic Chemistry</i> , 2014, 53, 7815-7823.	1.9	47
59	Fe ^{II} (pap-5NO) ₂ and Fe ^{II} (qsal-5NO) ₂ Schiff-Base Spin-Crossover Complexes: A Rare Example with Photomagnetism and Room-Temperature Bistability. <i>Inorganic Chemistry</i> , 2015, 54, 1791-1799.	1.9	47
60	Versatility of the nature of the magnetic Cu(II)-U(IV) interaction. Syntheses, crystal structures and magnetic properties of Cu ₂ U and CuU compounds. <i>Dalton Transactions</i> , 2003, , 2872-2880.	1.6	46
61	Sugars to Control Ligand Shape in Metal Complexes: Conformationally Constrained Glycoligands with a Predetermination of Stereochemistry and a Structural Control. <i>Inorganic Chemistry</i> , 2010, 49, 7282-7288.	1.9	46
62	Structure and magnetism of the first strictly dinuclear compound containing paramagnetic 3d and 5f metal ions. Major influence of the CuII ion coordination on the exchange CuII-UIV interaction. <i>Chemical Communications</i> , 2003, , 762-763.	2.2	45
63	Magnetic Anisotropy in Pentacoordinate Ni ^{II} and Co ^{II} Complexes: Unraveling Electronic and Geometrical Contributions. <i>Chemistry - A European Journal</i> , 2017, 23, 3648-3657.	1.7	45
64	Uranyl-copper(II) heterometallic oxalate complexes: coordination polymers and frameworks. <i>Dalton Transactions</i> , 2013, 42, 10551.	1.6	44
65	Anticancer Activity of Polyoxometalate-Bisphosphonate Complexes: Synthesis, Characterization, In Vitro and In Vivo Results. <i>Inorganic Chemistry</i> , 2017, 56, 7558-7565.	1.9	44
66	Synthesis, crystal structure and magnetic properties of the cyano-bridged heteropolynuclear complex [Cu(dien) ₂ Co(CN) ₆] _n [Cu(dien)(H ₂ O)Co(CN) ₆] _n ·5nH ₂ O. <i>Polyhedron</i> , 1999, 18, 3019-3025.	1.0	43
67	Polyoxomolybdate Bisphosphonate Heterometallic Complexes: Synthesis, Structure, and Activity on a Breast Cancer Cell Line. <i>Chemistry - A European Journal</i> , 2015, 21, 10537-10547.	1.7	43
68	Synthesis, Structure, and Characterisation of a New Phenolato-Bridged Manganese Complex[Mn ₂ (mL) ₂] ²⁺ : Chemical and Electrochemical Access to a New Mono-μ ₄ -Oxo Dimanganese Core Unit. <i>Chemistry - A European Journal</i> , 2004, 10, 1998-2010.	1.7	42
69	Nitrate-Bridged μ ₂ -Pseudo-Double-Propeller-Type Lanthanide(III)-Copper(II) Heterometallic Clusters: Syntheses, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 9159-9161.	1.9	42
70	The Spin Transition of an Iron(III) Complex Intercalated in a MnPS ₃ Layered Magnet. Occurrence of a Hysteresis Effect on Removal of Lattice Solvent. <i>Chemistry of Materials</i> , 2002, 14, 4164-4171.	3.2	41
71	Supramolecular Assembly with Calix[6]arene and Copper Ions: Formation of a Novel Tetranuclear Core Exhibiting Unusual Redox Properties and Catecholase Activity. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2007-2014.	1.0	41
72	Engineering the magnetic coupling and anisotropy at the molecule-magnetic surface interface in molecular spintronic devices. <i>Nature Communications</i> , 2016, 7, 13646.	5.8	41

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73	Photostrictive/Piezomagnetic Core-Shell Particles Based on Prussian Blue Analogues: Evidence for Confinement Effects?. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13186-13195.	1.5	40
74	Counterion-Induced Variations in the Dimensionality and Topology of Uranyl Pimelate Complexes. <i>Crystal Growth and Design</i> , 2016, 16, 2826-2835.	1.4	40
75	Substituted versus Naked Thiourea Ligand Containing Pseudotetrahedral Cobalt(II) Complexes: A Comparative Study on Its Magnetization Relaxation Dynamics Phenomenon. <i>Inorganic Chemistry</i> , 2018, 57, 3371-3386.	1.9	40
76	Evidence of the Core-Shell Structure of (Photo)magnetic CoFe Prussian Blue Analogue Nanoparticles and Peculiar Behavior of the Surface Species. <i>Journal of the American Chemical Society</i> , 2018, 140, 10332-10343.	6.6	40
77	A spin crossover porous hybrid architecture for potential sensing applications. <i>Chemical Communications</i> , 2019, 55, 194-197.	2.2	40
78	Control of stoichiometry, size and morphology of inorganic polymers by template assisted coordination chemistry. <i>Journal of Materials Chemistry</i> , 2010, 20, 9348.	6.7	39
79	Tailored coordination nanoparticles: assessing the magnetic single-domain critical size. <i>Chemical Communications</i> , 2011, 47, 1051-1053.	2.2	39
80	The crystallographic phase transition for a ferric thiosemicarbazone spin crossover complex studied by X-ray powder diffraction. <i>New Journal of Chemistry</i> , 2006, 30, 1621-1627.	1.4	38
81	The Highest D Value for a MnII Ion: Investigation of a Manganese(II) Polyoxometalate Complex by High-Field Electron Paramagnetic Resonance. <i>Inorganic Chemistry</i> , 2007, 46, 7710-7712.	1.9	38
82	Preparation and Characterization of a Microcrystalline Non-Heme Fe ^{III} (OOH) Complex Powder: EPR Reinvestigation of Fe ^{III} (OOH) Complexes—Improvement of the Perturbation Equations for the g Tensor of Low-Spin Fe ^{III} . <i>Chemistry - A European Journal</i> , 2008, 14, 3182-3188.	1.7	38
83	Mn ^{II} -containing coordination nanoparticles as highly efficient T ₁ contrast agents for magnetic resonance imaging. <i>Chemical Communications</i> , 2014, 50, 6740-6743.	2.2	38
84	Structure and Magnetic Properties of a Non-Heme Diiron Complex Singly Bridged by a Hydroxo Group. <i>Inorganic Chemistry</i> , 2006, 45, 6922-6927.	1.9	37
85	Glycoligands Tuning the Magnetic Anisotropy of NiII Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 2774-2782.	1.7	37
86	Properties of a Tunable Multinuclear Nickel Polyoxotungstate Platform. <i>Chemistry - A European Journal</i> , 2013, 19, 6753-6765.	1.7	37
87	Magnetization Reversal in CsNi ^{II} Cr ^{III} (CN) ₆ Coordination Nanoparticles: Unravelling Surface Anisotropy and Dipolar Interaction Effects. <i>Advanced Functional Materials</i> , 2014, 24, 5402-5411.	7.8	37
88	Heteroanionic Materials Based on Copper Clusters, Bisphosphonates, and Polyoxometalates: Magnetic Properties and Comparative Electrocatalytic NO _x Reduction Studies. <i>Inorganic Chemistry</i> , 2016, 55, 1551-1561.	1.9	37
89	Ferromagnetism in [Mn(Cp*) ₂] ⁺ -Derived Complexes: the "Miraculous" Stacking in [Mn(Cp*) ₂][Ni(dmit) ₂]. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2880-2888.	1.0	35
90	A Tetranuclear CrIII NiII 3Cyano-Bridged Complex Based on M(tacn) Derivative Building Blocks. <i>Inorganic Chemistry</i> , 2005, 44, 8194-8196.	1.9	35

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91	Temperature Dependence of X- and Q-Band EPR Spectra of the Dinuclear Manganese(II) Complex $[(NO_2)_2Mn_2(\mu_4-OAc)_2]^+$: Determination of the Exchange Constant and of the Spin Parameters for the $S=1, 2,$ and 3 Spin States. <i>Chemistry - A European Journal</i> , 2003, 9, 4260-4268.	1.7	34
92	Single-Molecule Magnet Behavior of Individual Polyoxometalate Molecules Incorporated within Biopolymer or Metal-Organic Framework Matrices. <i>Chemistry - A European Journal</i> , 2016, 22, 6564-6574.	1.7	34
93	Anomalous Light-Induced Spin-State Switching for Iron(II) Spin-Crossover Molecules in Direct Contact with Metal Surfaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13341-13346.	7.2	34
94	Synthesis, Crystal Structure, and Magnetic Behavior of Linear MUIV Complexes (M=Co, Ni, Cu, Zn). <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1647-1649.	7.2	33
95	Fully controlled precipitation of photomagnetic CoFe Prussian blue analogue nanoparticles within the ordered mesoporosity of silica monoliths. <i>Chemical Communications</i> , 2010, 46, 8061.	2.2	33
96	Influence of a Counteranion on the Zero-Field Splitting of Tetrahedral Cobalt(II) Thiourea Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 9085-9100.	1.9	33
97	From ferromagnets to high-spin molecules: the role of the organic ligands. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1999, 357, 3139-3158.	1.6	32
98	Design and Magnetic Properties of a Mononuclear Co(II) Single Molecule Magnet and Its Antiferromagnetically Coupled Binuclear Derivative. <i>Inorganic Chemistry</i> , 2017, 56, 4601-4608.	1.9	32
99	Ferromagnetic order in a μ_4 -cyano $Cr^{III}-Mn^{II}$ assembly with an unusual branched architecture. <i>Chemical Communications</i> , 1999, , 2217-2218.	2.2	31
100	Rational Design of Homo and Hetero Hexanuclear Coordination Compounds: Syntheses and Magnetic Properties of $[Cu_2M_4]$ (M = Cu, Ni) Species and the Crystal Structure of $\{[Cu(tmen)(H_2O)]_2[Cu(tmen)]_2[Cu_2L](H_2O)\}(ClO_4)_4 \cdot 2H_2O$. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 951-957.	1.0	31
101	A Supramolecular Tetradecanuclear Copper(II) Polyoxotungstate. <i>Angewandte Chemie</i> , 2003, 115, 3647-3650.	1.6	31
102	Mono- and dinuclear Fe(III) complexes with the tridentate N-ethyl-N-(2-aminoethyl)salicylaldiminato ligand. X-ray structures, magnetic and spectroscopic properties. <i>Inorganica Chimica Acta</i> , 2003, 353, 223-230.	1.2	31
103	Controlled Redox Conversion of New X-ray-Characterized Mono- and Dinuclear Heptacoordinated Mn(II) Complexes into Di- μ_4 -oxo-dimanganese Core Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 4415-4426.	1.9	31
104	A wide family of pyridoxal thiosemicarbazone ferric complexes: Syntheses, structures and magnetic properties. <i>Inorganica Chimica Acta</i> , 2009, 362, 56-64.	1.2	31
105	Solid-State Magnetic Switching Triggered by Proton-Coupled Electron-Transfer Assisted by Long-Distance Proton-Alkali Cation Transport. <i>Journal of the American Chemical Society</i> , 2014, 136, 6231-6234.	6.6	31
106	Synthesis, Structure and Characterisation of New Phenolato-Bridged Manganese Complexes $[L_2Mn_2]^{2+}$ Formation by Ligand Oxidation in LaH [LaH = N-(2-hydroxybenzyl)-N,N'-bis(2-pyridylmethyl)ethane-1,2-diamine]. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2710-2719.	1.0	30
107	Magnetic anisotropy of two trinuclear and tetranuclear $Cr^{III}Ni^{II}$ cyanide-bridged complexes with spin ground states $S = 4$ and 5 . <i>Dalton Transactions</i> , 2006, , 2818-2828.	1.6	30
108	A New Two-Dimensional Molybdenum(V) Nickel Phosphate Built Up of $[H_{18}(Mo_{16}O_{32})Ni_{16}(PO_4)_{26}(OH)_6(H_2O)_8]_{18}$ -Wheels. <i>Inorganic Chemistry</i> , 2002, 41, 7100-7104.	1.9	29

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109	Assembly of heterobimetallic Ni ^{II} –Ln ^{III} (Ln ^{III} = Dy ^{III} , Tj ETQq1 1 0.784314 rgBT a ferrocene ligand: slow relaxation of the magnetization in Dy ^{III} , Tb ^{III} and Ho ^{III} analogues. Dalton Transactions, 2014, 43, 8921-8932.	1.6	28
110	Synthesis and Magnetic Characterization of Fe(III)-Based 9-Metallacrown-3 Complexes Which Exhibit Magnetorefrigerant Properties. Inorganic Chemistry, 2016, 55, 10238-10247.	1.9	28
111	Structural effects on the magnetic properties of ferric complexes in molecular materials or a lamellar CdPS3host matrix. New Journal of Chemistry, 2004, 28, 535-541.	1.4	26
112	New routes to high nuclearity cages: dimerisation of a manganese triangle via solvothermal synthesis. Chemical Communications, 2003, , 2330-2331.	2.2	25
113	Synthesis, structure and magnetic behaviour of dinuclear uranium(IV) complexes with a β -calixsalophen TM type macrocycle. New Journal of Chemistry, 2006, 30, 1220-1227.	1.4	25
114	Tailor-made Nanometer-scale Patterns of Photo-switchable Prussian Blue Analogues. Advanced Materials, 2010, 22, 3992-3996.	11.1	25
115	Magnetic Dextran Nanoparticles That Bear Hydrophilic Porphyrin Derivatives: Bimodal Agents for Potential Application in Photodynamic Therapy. ChemPlusChem, 2015, 80, 1416-1426.	1.3	24
116	Photoswitchable 11 nm CsCoFe Prussian Blue Analogue Nanocrystals with High Relaxation Temperature. Inorganic Chemistry, 2020, 59, 13153-13161.	1.9	24
117	1D/2D coordination polymers of copper(II) having two superexchange pathways: syntheses, crystal structures and magnetic properties. Inorganica Chimica Acta, 2004, 357, 1031-1038.	1.2	23
118	Elaboration of Prussian Blue Analogue/Silica Nanocomposites: Towards Tailor-Made Nano-Scale Electronic Devices. Materials, 2012, 5, 385-403.	1.3	23
119	Hydrophilic chlorin-conjugated magnetic nanoparticles—Potential anticancer agent for the treatment of melanoma by PDT. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2486-2490.	1.0	23
120	Magnetic and spectral properties of two five-coordinate Lewis-base adducts of cobalt(II) Schiff-base complexes with a N3O2 ligand environment. Polyhedron, 2000, 19, 1643-1648.	1.0	21
121	Grafting a Monolayer of Superparamagnetic Cyanide-Bridged Coordination Nanoparticles on Si(100). Inorganic Chemistry, 2008, 47, 1898-1900.	1.9	21
122	Synthesis, characterization and activity of imidazolate-bridged and Schiff-base dinuclear complexes as models of Cu,Zn-SOD. A comparative study. Journal of Inorganic Biochemistry, 2016, 163, 162-175.	1.5	21
123	One step assembly of a nonanuclear Cr ^{III} 2Ni ^{II} 7 bimetallic cyanide bridged complex. Chemical Communications, 2006, , 735.	2.2	20
124	Europium(II) compounds: simple synthesis of a molecular complex in water and coordination polymers with 2,2'-bipyrimidine-mediated ferromagnetic interactions. Chemical Communications, 2010, 46, 9143.	2.2	20
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