

Joulia Larionova

List of Publications by Year in descending order

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152
papers

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5821
citing authors

#	ARTICLE	IF	CITATIONS
1	2-Imino-2,3-dihydrobenzoxazole a useful platform for designing rare- and alkaline earth complexes with variable di- and trianionic O,N,N, ligands. Dalton Transactions, 2022, 51, 1995-2004.	3.3	4
2	Using N-Heterocyclic Carbenes as Weak Equatorial Ligands to Design Single-Molecule Magnets: Zero-Field Slow Relaxation in Two Octahedral Dysprosium(III) Complexes. Inorganic Chemistry, 2022, 61, 1264-1269.	4.0	5
3	Grafted mesoporous silicas for radionuclide uptake: Radiolytic stability under electron irradiation. Microporous and Mesoporous Materials, 2022, 336, 111851.	4.4	2
4	Nanoheterostructures based on nanosized Prussian blue and its Analogues: Design, properties and applications. Coordination Chemistry Reviews, 2022, 461, 214497.	18.8	21
5	Employing three-blade propeller lanthanide complexes as molecular luminescent thermometers: study of temperature sensing through a concerted experimental/theory approach. Journal of Materials Chemistry C, 2022, 10, 7176-7188.	5.5	25
6	Post-synthetic modification of Prussian blue type nanoparticles: tailoring the chemical and physical properties. Inorganic Chemistry Frontiers, 2022, 9, 3943-3971.	6.0	5
7	An unusual mechanism of building up of a high magnetization blocking barrier in an octahedral alkoxide Dy ³⁺ -based single-molecule magnet. Inorganic Chemistry Frontiers, 2021, 8, 1166-1174.	6.0	37
8	High magnetization reversal barriers in luminescent dysprosium octahedral and pentagonal bipyramidal single-molecule magnets based on fluorinated alkoxide ligands. Dalton Transactions, 2021, 50, 8487-8496.	3.3	17
9	Designing heterostructured core@satellite Prussian Blue Analogue@Au@Ag nanoparticles: Effect on the magnetic properties and catalytic activity. Inorganic Chemistry Frontiers, 2021, 8, 2248-2260.	6.0	8
10	Heat Release Kinetics upon Water Vapor Sorption Using Cation-Exchanged Zeolites and Prussian Blue Analogues as Adsorbents: Application to Short-Term Low-Temperature Thermochemical Storage of Energy. Energies, 2021, 14, 3505.	3.1	4
11	Synthesis, Structures and Magnetic Properties of two Heteroleptic Dy ³⁺ Borohydride Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 3008-3012.	2.0	6
12	New Magnetic and Luminescent Dy(III) and Dy(III)/Y(III) Based Tetranuclear Silsesquioxane Cages. European Journal of Inorganic Chemistry, 2021, 2021, 2696-2701.	2.0	19
13	Novel carbonate/pyridine tetranuclear nickel complex, exhibiting slow relaxation of the magnetization. Journal of Organometallic Chemistry, 2021, 942, 121815.	1.8	7
14	A Novel Approach to the Facile Growth and Organization of Photothermal Prussian Blue Nanocrystals on Different Surfaces. Nanomaterials, 2021, 11, 1749.	4.1	2
15	Structural Diversity of Lanthanide Chain Compounds Based on 3-Ethoxycinnamate: Influence on the Magnetic Properties. Crystal Growth and Design, 2021, 21, 5072-5085.	3.0	1
16	Synthesis, crystal structures, luminescent and magnetic properties of rare earth dinuclear complexes and one-dimensional coordination polymers supported by two derivatives of cinnamic acid. Polyhedron, 2021, 207, 115366.	2.2	8
17	A rational study of the influence of Mn ²⁺ -insertion in Prussian blue nanoparticles on their photothermal properties. Journal of Materials Chemistry B, 2021, 9, 9670-9683.	5.8	6
18	Synchronous Temperature and Magnetic Field Dual Sensing by Luminescence in a Dysprosium Single-Molecule Magnet. Advanced Optical Materials, 2021, 9, 2101495.	7.3	24

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19	Temperature sensing in Tb ³⁺ /Eu ³⁺ -based tetranuclear silsesquioxane cages with tunable emission. RSC Advances, 2021, 11, 34735-34741.	3.6	15
20	Adsorption of volatile organic compounds by ZIF-8, Cu-BTC and a Prussian blue analogue: A comparative study. Inorganica Chimica Acta, 2020, 501, 119316.	2.4	14
21	A π -Carbazoyl Dy(III) Half-Sandwich Complex Showing Single-Molecule-Magnet Behavior. Organometallics, 2020, 39, 2785-2790.	2.3	4
22	Single-molecule magnet behavior in heteroleptic Dy ³⁺ -chloro-diazabutadiene complexes: influence of the nuclearity and ligand redox state. Dalton Transactions, 2020, 49, 11890-11901.	3.3	17
23	New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. Chemistry - A European Journal, 2020, 26, 16594-16598.	3.3	24
24	Investigation of the slow relaxation of the magnetization dynamics in homoleptic ene-diamido organodysprosium(III) complexes with K ⁺ /arene interactions. CrystEngComm, 2020, 22, 4260-4267.	2.6	6
25	Fashioning Prussian Blue Nanoparticles by Adsorption of Luminophores: Synthesis, Properties, and in Vitro Imaging. Inorganic Chemistry, 2020, 59, 4567-4575.	4.0	11
26	Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. Crystal Growth and Design, 2020, 20, 5184-5192.	3.0	4
27	Synthesis, Structure, Magnetic and Photoluminescent Properties of Dysprosium(III) Schiff Base Single-Molecule Magnets: Investigation of the Relaxation of the Magnetization. Chemistry - an Asian Journal, 2020, 15, 2706-2715.	3.3	10
28	Synthesis, structure, magnetic and luminescence properties of two dysprosium single-molecule magnets based on phenoxide dye ligands. CrystEngComm, 2020, 22, 1909-1913.	2.6	2
29	Single-molecule magnet behavior in luminescent carbazoyl Dy(III) octahedral complexes with a quasi linear N ³⁺ -Dy ³⁺ angle. Dalton Transactions, 2020, 49, 4039-4043.	3.3	11
30	Synergic effect of doxorubicin release and two-photon irradiation of Mn ²⁺ -doped Prussian blue nanoparticles on cancer therapy. RSC Advances, 2020, 10, 2646-2649.	3.6	10
31	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. Science, 2020, 367, 671-676.	12.6	114
32	A Switch in the Hydrophobic/Hydrophilic Gas Adsorption Character of Prussian Blue Analogues: An Affinity Control for Smart Gas Sorption. Chemistry - A European Journal, 2019, 25, 479-484.	3.3	17
33	Synthesis, structure and magnetic properties of a series of Ln(III) complexes with radical-anionic iminopyridine ligands: effect of lanthanide ions on the slow relaxation of the magnetization. Dalton Transactions, 2019, 48, 12018-12022.	3.3	15
34	Synthesis, structure and magnetic properties of a series of dinuclear heteroleptic Zn ²⁺ /Ln ³⁺ Schiff base complexes: effect of lanthanide ions on the slow relaxation of magnetization. Dalton Transactions, 2019, 48, 11637-11641.	3.3	5
35	Magnetic cage-like metallasilsesquioxanes. Coordination Chemistry Reviews, 2019, 398, 213015.	18.8	28
36	Single-molecule magnet behaviour in a Dy(III) pentagonal bipyramidal complex with a quasi-linear Cl ⁻ -Dy ³⁺ -Cl sequence. Dalton Transactions, 2019, 48, 35-39.	3.3	18

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37	Making Prussian blue analogues nanoparticles luminescent: effect of the luminophore confinement over the properties. <i>Nanoscale</i> , 2019, 11, 7097-7101.	5.6	8
38	Crossover from Antiferromagnetic to Ferromagnetic Exchange Coupling in a New Family of Bis-(1/4-phenoxido)copper(II) Complexes: A Comprehensive Magneto-Structural Correlation by Experimental and Theoretical Study. <i>ACS Omega</i> , 2019, 4, 10558-10570.	3.5	13
39	Water Dispersible Carbohydrate-Coated Ferrite Nanoparticles. Effect of Cobalt Doping in Magneto-Thermal Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5000-5007.	0.9	2
40	Gold@Prussian blue analogue core-shell nanoheterostructures: their optical and magnetic properties. <i>Dalton Transactions</i> , 2019, 48, 6205-6216.	3.3	13
41	Controlled Anchoring of Iron Oxide Nanoparticles on Polymeric Nanofibers: Easy Access to Core@Shell Organic-Inorganic Nanocomposites for Magneto-Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9519-9529.	8.0	29
42	A simple approach for controlled deposition of Prussian blue analogue nanoparticles on a functionalised plasmonic gold surface. <i>New Journal of Chemistry</i> , 2019, 43, 3660-3664.	2.8	5
43	Enantioselective separation under humid conditions by chiral Hofmann clathrates: new opportunities for vintage materials. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3245-3254.	6.0	7
44	Dysprosium Single-Molecule Magnets with Bulky Schiff Base Ligands: Modification of the Slow Relaxation of the Magnetization by Substituent Change. <i>Chemistry - A European Journal</i> , 2019, 25, 474-478.	3.3	27
45	Single-Molecule Magnet Behavior in Dy ³⁺ Half-Sandwich Complexes Based on Ene-Diamido and Cp* Ligands. <i>Organometallics</i> , 2019, 38, 748-752.	2.3	16
46	Synthesis, structure and magnetic properties of tris(pyrazolyl)methane lanthanide complexes: effect of the anion on the slow relaxation of magnetization. <i>Dalton Transactions</i> , 2018, 47, 5153-5156.	3.3	23
47	Multifunctional manganese-doped Prussian blue nanoparticles for two-photon photothermal therapy and magnetic resonance imaging. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 22, 65-69.	2.6	25
48	New Ni ₄ Na ₂ -phenylgermsesquioxane architecture: synthesis, structure and slow dynamic behaviour. <i>Dalton Transactions</i> , 2018, 47, 6893-6897.	3.3	12
49	A luminescent Schiff-base heterotrinnuclear Zn ₂ Dy single-molecule magnet with an axial crystal field. <i>Dalton Transactions</i> , 2018, 47, 1402-1406.	3.3	30
50	Recent advances in luminescent lanthanide based Single-Molecule Magnets. <i>Coordination Chemistry Reviews</i> , 2018, 363, 57-70.	18.8	226
51	Elasticity of Prussian Blue Analogue Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 443-448.	2.0	12
52	Synthesis, structure and magnetic properties of the dinuclear complex [1,3-C ₆ H ₄ {NC(Ph)N(SiMe ₃) ₂ } ₂] ₃ Dy ₂ coordinated by ansa-bis(amidinate) ligands with a m-phenylene linker. <i>Mendeleev Communications</i> , 2018, 28, 521-523.	1.6	2
53	Synthesis, structure and magnetic investigations of dinuclear lanthanide complexes based on 2-ethoxycinnamate. <i>Dalton Transactions</i> , 2018, 47, 13647-13656.	3.3	5
54	Field-Induced Slow Relaxation in a Dinuclear Dysprosium(III) Complex Based on 3-Methoxycinnamic Acid. <i>Inorganics</i> , 2018, 6, 35.	2.7	9

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55	Cinnamic acid derivative rare-earth dinuclear complexes and one-dimensional architectures: synthesis, characterization and magnetic properties. Dalton Transactions, 2017, 46, 3943-3952.	3.3	31
56	Engineered Au Core@Prussian Blue Analogous Shell Nanoheterostructures: Their Magnetic and Optical Properties. Chemistry - A European Journal, 2017, 23, 7483-7496.	3.3	10
57	An organolanthanide(III) single-molecule magnet with an axial crystal-field: influence of the Raman process over the slow relaxation. Chemical Communications, 2017, 53, 4706-4709.	4.1	43
58	In situ synthesis of Prussian blue nanoparticles within a biocompatible reverse micellar system for in vivo Cs ⁺ uptake. New Journal of Chemistry, 2017, 41, 2887-2890.	2.8	13
59	Family of Polynuclear Nickel Cage-like Phenylsilsesquioxanes; Features of Periodic Networks and Magnetic Properties. Inorganic Chemistry, 2017, 56, 12751-12763.	4.0	36
60	²⁰¹ Tl-labeled Prussian blue and Au@Prussian blue nanoprobe for SPEC-CT imaging: influence of the size, shape and coating on the biodistribution. Inorganic Chemistry Frontiers, 2017, 4, 1737-1741.	6.0	12
61	Rare-Earth Complexes Coordinated by <i>ansa</i> -Bis(amidinate) Ligands with <i>m</i> -Phenylene, 2,6-Pyridinediyl, and SiMe ₂ Linkers. European Journal of Inorganic Chemistry, 2017, 2017, 4275-4284.	2.0	13
62	Tuning linkage isomerism and magnetic properties of bi- and tri-metallic cage silsesquioxanes by cation and solvent effects. Dalton Transactions, 2017, 46, 12935-12949.	3.3	32
63	Prussian Blue Analogues for the Separation of Hydrocarbons in Humid Conditions. Inorganic Chemistry, 2017, 56, 7598-7601.	4.0	28
64	Synthesis of poly(diallyldimethylammonium) capped copper hexacyanoferrate (CuHCF) nanoparticles: An efficient stabiliser for Pickering emulsions. Journal of Colloid and Interface Science, 2017, 505, 364-372.	9.4	9
65	Magneto-Luminescence Correlation in the Textbook Dysprosium(III) Nitrate Single-Ion Magnet. Magnetochemistry, 2016, 2, 41.	2.4	36
66	Rhamnose-coated superparamagnetic iron oxide nanoparticles: an evaluation of their <i>in vitro</i> cytotoxicity, genotoxicity and carcinogenicity. Journal of Applied Toxicology, 2016, 36, 510-520.	2.8	14
67	A heterometallic (Fe ₆ Na ₈) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. RSC Advances, 2016, 6, 48165-48180.	3.6	53
68	Electrochemical Li-Ion Intercalation in Octacyanotungstate-Bridged Coordination Polymer with Evidence of Three Magnetic Regimes. Inorganic Chemistry, 2016, 55, 7637-7646.	4.0	19
69	Study of the influence of magnetic dilution over relaxation processes in a Zn/Dy single-ion magnet by correlation between luminescence and magnetism. RSC Advances, 2016, 6, 108810-108818.	3.6	20
70	Cage-like Fe,Na-Germesquioxanes: Structure, Magnetism, and Catalytic Activity. Angewandte Chemie - International Edition, 2016, 55, 15360-15363.	13.8	36
71	Unusual penta- and hexanuclear Ni(II)-based silsesquioxane polynuclear complexes. Dalton Transactions, 2016, 45, 7320-7327.	3.3	44
72	Effect of the chemical nature of different transition metal ferrocyanides to entrap Cs. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 427-436.	1.5	24

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73	Heterometallic Na ₆ Co ₃ Phenylsilsesquioxane Exhibiting Slow Dynamic Behavior in its Magnetization. <i>Chemistry - A European Journal</i> , 2015, 21, 18563-18565.	3.3	38
74	A High-Temperature Molecular Ferroelectric Zn/Dy Complex Exhibiting Single-Ion-Magnet Behavior and Lanthanide Luminescence. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2236-2240.	13.8	220
75	Base-Free Lanthanoidocenes(II) Coordinated by Bulky Pentabenzylcyclopentadienyl Ligands. <i>Organometallics</i> , 2015, 34, 1991-1999.	2.3	22
76	Understanding the Host/Guest Interactions in Iodine/Hofmann-Type Clathrate Ni(pz)[Ni(CN) ₄] System. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9395-9401.	3.1	21
77	Ytterbium(III) Complexes Coordinated by Dianionic 1,4-Diazabutadiene Ligands. <i>Organometallics</i> , 2015, 34, 1177-1185.	2.3	28
78	An Organoytterbium(III) Complex Exhibiting Field-Induced Single-Ion-Magnet Behavior. <i>Inorganic Chemistry</i> , 2015, 54, 7667-7669.	4.0	29
79	Nanosized Heterostructures of Au@Prussian Blue Analogues: Towards Multifunctionality at the Nanoscale. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3872-3876.	13.8	44
80	Thermal and sonochemical synthesis of porous (Ce,Zr)O ₂ mixed oxides from metal ¹² -diketonate precursors and their catalytic activity in wet air oxidation process of formic acid. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1366-1373.	8.2	15
81	Iodine Capture by Hofmann-Type Clathrate Ni ^{II} (pz)[Ni ^{II} (CN) ₄]. <i>Inorganic Chemistry</i> , 2014, 53, 4269-4271.	4.0	36
82	Ultrasmall NHC-coated gold nanoparticles obtained through solvent free thermolysis of organometallic Au(I) complexes. <i>Dalton Transactions</i> , 2014, 43, 15713-15718.	3.3	59
83	NMR as Evaluation Strategy for Cellular Uptake of Nanoparticles. <i>Nano Letters</i> , 2014, 14, 3959-3965.	9.1	5
84	Integrative Synthesis of Coordination Polymers, Metal Oxides, and Alloys Magnetic Nanoparticles in MSU Mesoporous Silica. <i>Chemistry of Materials</i> , 2014, 26, 875-885.	6.7	15
85	Spin crossover polysaccharide nanocomposites. <i>New Journal of Chemistry</i> , 2013, 37, 3420.	2.8	31
86	Sonohydrothermal Synthesis of Nanostructured (Ce,Zr)O ₂ Mixed Oxides with Enhanced Catalytic Performance. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22827-22833.	3.1	21
87	Enhanced Cooperative Interactions at the Nanoscale in Spin-Crossover Materials with a First-Order Phase Transition. <i>Physical Review Letters</i> , 2013, 110, 235701.	7.8	109
88	An Original "Click and Bind" Approach for Immobilizing Copper Hexacyanoferrate Nanoparticles on Mesoporous Silica. <i>Chemistry of Materials</i> , 2013, 25, 4447-4453.	6.7	62
89	Investigation on NMR Relaxivity of Nano-Sized Cyano-Bridged Coordination Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 13402-13414.	4.0	48
90	Syntheses, Crystal Structures, and Magnetic Properties of Mn(III)(L)phosphinate Complexes (L) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T 3206-3216.	2.0	13

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91	A bifunctional luminescent single-ion magnet: towards correlation between luminescence studies and magnetic slow relaxation processes. <i>Chemical Communications</i> , 2012, 48, 9974.	4.1	171
92	Controlled synthesis from alginate gels of cobalt-manganese mixed oxide nanocrystals with peculiar magnetic properties. <i>Catalysis Today</i> , 2012, 189, 49-54.	4.4	16
93	Extraction of radioactive cesium using innovative functionalized porous materials. <i>RSC Advances</i> , 2012, 2, 5707.	3.6	165
94	Bifunctional Mixed-Lanthanide Cyano-Bridged Coordination Polymers $\text{Ln}_0.5\text{Ln}'_{0.5}(\text{H}_2\text{O})_5[\text{W}(\text{CN})_8]$ ($\text{Ln}/\text{Ln}' = \text{Tj, Er, Qq, O, O, rgBT / Ov}$)	4.0	41
95	Synthesis and study of Prussian blue type nanoparticles in an alginate matrix. <i>Journal of Materials Chemistry</i> , 2012, 22, 20232.	6.7	44
96	Peculiar Field-Dependent Magnetic Behavior of Cyano-Bridged Coordination Polymer $\text{Er}(\text{H}_2\text{O})_4[\text{W}(\text{CN})_8]$. <i>Inorganic Chemistry</i> , 2012, 51, 6425-6427.	4.0	16
97	Superspin-glass behavior of $\text{Co}_3[\text{Fe}(\text{CN})_6]_2$ Prussian blue nanoparticles confined in mesoporous silica. <i>Materials Chemistry and Physics</i> , 2012, 132, 438-445.	4.0	26
98	Nanoscale coordination polymers exhibiting luminescence properties and NMR relaxivity. <i>Nanoscale</i> , 2011, 3, 1200.	5.6	50
99	Sterically Governed Redox Reactions. One-Electron Oxidation of Ytterbocenes by Diazabutadienes: Formation of Radical-Anionic Diazabutadiene vs Covalently Bonded Imino-Amido Ligand. <i>Organometallics</i> , 2011, 30, 4882-4889.	2.3	26
100	Autocatalytic sonolysis of iron pentacarbonyl in room temperature ionic liquid $[\text{BuMeIm}][\text{Tf}_2\text{N}]$. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2111-2113.	2.8	6
101	Near-Infrared Luminescent and Magnetic Cyano-Bridged Coordination Polymers $\text{Nd}(\text{phen})_n(\text{DMF})_m[\text{M}(\text{CN})_8]$ ($\text{M} = \text{Mo}, \text{W}$). <i>Inorganic Chemistry</i> , 2011, 50, 9924-9926.	4.0	28
102	Water-Dispersible Sugar-Coated Iron Oxide Nanoparticles. An Evaluation of their Relaxometric and Magnetic Hyperthermia Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 10459-10472.	13.7	236
103	Controlled Growth of Cyano-Bridged Coordination Polymers into Layered Double Hydroxides. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3263-3271.	3.1	34
104	Functionalized porous glass for the removal and the confinement of ruthenium from radioactive solutions. <i>Journal of Nuclear Materials</i> , 2010, 400, 25-31.	2.7	8
105	Synthesis and studies of water-soluble Prussian Blue-type nanoparticles into chitosan beads. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12760.	2.8	40
106	Mesoporous silica nanoparticles combining two-photon excited fluorescence and magnetic properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 1877.	6.7	33
107	Electrical Conductivity of RuO_2 -Borosilicate Glasses: Effect of the Synthesis Route. <i>Journal of the American Ceramic Society</i> , 2009, 92, 1560-1566.	3.8	23
108	Half-Sandwich Lanthanide(III) Complexes Coordinated by Two $\hat{\pm}$ -Iminopyridine Radical Anions. <i>Organometallics</i> , 2009, 28, 6707-6713.	2.3	28

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109	Cyano-bridged coordination polymer nanoparticles. <i>New Journal of Chemistry</i> , 2009, 33, 1177.	2.8	70
110	Toward Organization of Cyano-Bridged Coordination Polymer Nanoparticles within an Ionic Liquid Crystal. <i>Langmuir</i> , 2009, 25, 1138-1147.	3.5	44
111	Luminescent and Magnetic Cyano-Bridged Coordination Polymers Containing 4d [~] 4f Ions: Toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2009, 48, 5983-5995.	4.0	134
112	Water-Soluble Rhamnose-Coated Fe ₃ O ₄ Nanoparticles. <i>Organic Letters</i> , 2009, 11, 2992-2995.	4.6	52
113	Synthesis of Co ₃ [Fe(CN) ₆] ₂ molecular-based nanomagnets in MSU mesoporous silica by integrative chemistry. <i>New Journal of Chemistry</i> , 2009, 33, 2449.	2.8	24
114	Coordination polymer nano-objects into ionic liquids: Nanoparticles and superstructures. <i>Inorganica Chimica Acta</i> , 2008, 361, 3988-3996.	2.4	30
115	Experimental and theoretical study of the spin ground state of the high-spin molecular cluster [NiII{NiII(CH ₃ OH) ₃ } ₈ (¹ / ₄ -CN) ₃₀ {WV(CN) ₃ } ₆]·15CH ₃ OH by polarised neutron diffraction and density functional theory calculations. <i>Inorganica Chimica Acta</i> , 2008, 361, 3609-3615.	2.4	7
116	The Canted Antiferromagnetic Approach to Single-Chain Magnets. <i>Journal of the American Chemical Society</i> , 2008, 130, 1619-1627.	13.7	180
117	Cyano-bridged coordination polymer nanoparticles with high nuclear relaxivity: toward new contrast agents for MRI. <i>Dalton Transactions</i> , 2008, , 3658.	3.3	68
118	Synthesis and behaviour of size controlled cyano-bridged coordination polymer nanoparticles within hybrid mesoporous silica. <i>New Journal of Chemistry</i> , 2008, 32, 273-282.	2.8	68
119	A Luminescent and Magnetic Cyano-Bridged Tb ³⁺ ~Mo ⁵⁺ Coordination Polymer: toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2008, 47, 775-777.	4.0	128
120	Soluble Ligand-Stabilized Cyano-Bridged Coordination Polymer Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 1367-1375.	6.7	39
121	Steric Manipulation of the Reductive Reactivity of Ytterbocenes toward 2-(((2,6-Diisopropylphenyl)imino)methyl)pyridine: Insertion of the NC Bond into the Yb~Indenyl Bond or Oxidative Cleavage of the ¹ -5Yb~Cp (Cp = C ₁₃ H ₉ , Cp*) Bond. <i>Organometallics</i> , 2007, 26, 2488-2491.	2.3	43
122	Neutron Diffraction and Theoretical DFT Studies of Two Dimensional Molecular-Based Magnet K ₂ [Mn(H ₂ O) ₂] ₃ [Mo(CN) ₇] ₂ ·6H ₂ O. <i>Inorganic Chemistry</i> , 2007, 46, 1090-1099.	4.0	32
123	Ytterbocenes as One- and Two-Electron Reductants in their Reactions with Diazadienes: YbIII Mixed-Ligand Bent-Sandwich Complexes Containing a Dianion of Diazabutadiene. <i>Chemistry - A European Journal</i> , 2007, 13, 4981-4987.	3.3	62
124	Synthesis of soluble coordination polymer nanoparticles using room-temperature ionic liquid. <i>Inorganica Chimica Acta</i> , 2007, 360, 3829-3836.	2.4	19
125	A coordination polymer precursor approach to the synthesis of NiFe bimetallic nanoparticles within hybrid mesoporous silica. <i>Journal of Materials Chemistry</i> , 2006, 16, 4435-4442.	6.7	42
126	Magnetic water-soluble cyano-bridged metal coordination nano-polymers. <i>Chemical Communications</i> , 2006, , 2613-2615.	4.1	74

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127	Synthesis of Cyano-Bridged Magnetic Nanoparticles Using Room-Temperature Ionic Liquids. Chemistry - A European Journal, 2006, 12, 3798-3804.	3.3	100
128	Synthesis of MnOOH nanorods by cluster growth route from $[Mn_{12}O_{12}(RCOO)_{16}(H_2O)_n]$ ($R=CH_3$). Chemistry, 2005, 178, 2368-2375.	2.9	55
129	Cation templating of $Mn^{2+}/[Mo(CN)_7]^{4-}$ system: Formation of pseudo-dimorphs $(NH_4)_2Mn_3(H_2O)_4[Mo(CN)_7]_2 \cdot nH_2O$ ($n=4, 5$). Polyhedron, 2005, 24, 1033-1046.	2.2	5
130	Magnetic Anisotropy of $[Mo(CN)_7]^{4-}$ Anions and Fragments of Cyano-Bridged Magnetic Networks. Journal of Physical Chemistry A, 2005, 109, 7251-7257.	2.5	38
131	Symmetry and Topology Determine the MoV-CN-MnIII Exchange Interactions in High-Spin Molecules. Angewandte Chemie - International Edition, 2005, 44, 2711-2715.	13.8	69
132	Formation of cyano-bridged molecule-based magnetic nanoparticles within hybrid mesoporous silica. New Journal of Chemistry, 2005, 29, 275-279.	2.8	58
133	$[NH_4]_2Mn_3(H_2O)_4[Mo(CN)_7]_2 \cdot 4H_2O$: Tuning Dimensionality and Ferrimagnetic Ordering Temperature by Cation Substitution. Inorganic Chemistry, 2004, 43, 4784-4786.	4.0	33
134	Crystal engineering in two- and three-dimensional systems based on cyanomolybdates: structures, magnetism and intercalation properties. Journal of Physics and Chemistry of Solids, 2004, 65, 677-691.	4.0	38
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144	Magnetic Transitions in the Cyano-Bridged Bimetallic Ferromagnet $Mn_2(H_2O)_5Mo(CN)_7 \cdot 4.75H_2O$ (\hat{I}^2)	4.0	56

#	ARTICLE	IF	CITATIONS
145	Structure, Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for the Two-Dimensional Cyano-Bridged Bimetallic Compound $K_2Mn_3(H_2O)_6[Mo(CN)_7]_2 \cdot 6H_2O$. <i>Journal of the American Chemical Society</i> , 1999, 121, 3349-3356.	13.7	123
146	Molecular Magnetic Sponges. <i>Chemistry - A European Journal</i> , 1999, 5, 3443-3449.	3.3	145
147	Heat Capacity, Alternating Current Magnetic Susceptibilities, and Pressure Effect for the Cyano-Bridged Bimetallic Ferromagnet $Mn_2(H_2O)_5Mo(CN)_7 \cdot 4H_2O$ (I_{\pm} Phase). <i>Chemistry of Materials</i> , 1999, 11, 3400-3405.	6.7	20
148	Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for the Cyano-Bridged Bimetallic Compound $Mn_2(H_2O)_5Mo(CN)_7 \cdot 4H_2O$ (I_{\pm} Phase). <i>Journal of the American Chemical Society</i> , 1998, 120, 13088-13095.	13.7	142
149	Magnetic Properties of the Two-Dimensional Bimetallic Compounds $(NBu_4)[MIIIRuIII(ox)_3]$ ($NBu_4 = Tj, ET, Q, q, 1, 1, 0.784, 3, 14, rg, BT, J, Overlock$)	4.0	129
150	Dc and ac magnetic properties of the two-dimensional molecular-based ferrimagnetic materials $A_2M_2[Cu(opba)]_3n_{solv}$ [$A^+ = \text{cation}$, $MII = MnIII$ or $CoII$, $opba = \text{ortho-phenylenebis(oxamato)}$ and $solv = \text{solvent molecule}$]. <i>Journal of Materials Chemistry</i> , 1997, 7, 1263-1270.	6.7	37
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