

Joulia Larionova

List of Publications by Year in descending order

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152
papers

6,220
citations

66343

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82547

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156
docs citations

156
times ranked

5821
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Spin Molecules: A Novel Cyano-Bridged MnMo Molecular Cluster with a $S=5/2$ Ground State and Ferromagnetic Intercluster Ordering at Low Temperatures. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1605-1609.	13.8	324
2	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
3	Recent advances in luminescent lanthanide based Single-Molecule Magnets. <i>Coordination Chemistry Reviews</i> , 2018, 363, 57-70.	18.8	226
4	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
5	The Canted Antiferromagnetic Approach to Single-Chain Magnets. <i>Journal of the American Chemical Society</i> , 2008, 130, 1619-1627.	13.7	180
6	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
7	Extraction of radioactive cesium using innovative functionalized porous materials. <i>RSC Advances</i> , 2012, 2, 5707.	3.6	165
8	Molecular Magnetic Sponges. <i>Chemistry - A European Journal</i> , 1999, 5, 3443-3449.	3.3	145
9	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
10	Luminescent and Magnetic Cyano-Bridged Coordination Polymers Containing $4d^{10}4f$ Ions: Toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2009, 48, 5983-5995.	4.0	134
11	Magnetic Properties of the Two-Dimensional Bimetallic Compounds $(NBu_4)[MIIIRuIII(ox)_3]$ ($NBu_4 = Tj, ET, Qq, 1, 1, 0.784314, rg, BT, /, Overlock$)	4.0	129
12	A Luminescent and Magnetic Cyano-Bridged $Tb^{3+} \rightarrow Mo^{5+}$ Coordination Polymer: toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2008, 47, 775-777.	4.0	128
13	Dramatic Modifications of Magnetic Properties through Dehydration/Rehydration Processes of the Molecular Magnetic Sponges $CoCu(obbz)(H_2O)_4 \cdot 2H_2O$ and $CoCu(obze)(H_2O)_4 \cdot 2H_2O$, with $obbz = N,N$ -Bis(2-carboxyphenyl)oxamido and $obze = N$ -(2-Carboxyphenyl)- N -(carboxymethyl)oxamido. <i>Inorganic Chemistry</i> , 1997, 36, 6374-6381.	4.0	123
14	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
15	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , 2020, 367, 671-676.	12.6	114
16	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
17	Synthesis of Cyano-Bridged Magnetic Nanoparticles Using Room-Temperature Ionic Liquids. <i>Chemistry - A European Journal</i> , 2006, 12, 3798-3804.	3.3	100
18	Magnetic water-soluble cyano-bridged metal coordination nano-polymers. <i>Chemical Communications</i> , 2006, , 2613-2615.	4.1	74

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19	Cyano-bridged coordination polymer nanoparticles. <i>New Journal of Chemistry</i> , 2009, 33, 1177.	2.8	70
20	Symmetry and Topology Determine the MoV-CN-MnII Exchange Interactions in High-Spin Molecules. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2711-2715.	13.8	69
21	Cyano-bridged coordination polymer nanoparticles with high nuclear relaxivity: toward new contrast agents for MRI. <i>Dalton Transactions</i> , 2008, , 3658.	3.3	68
22	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
23	Synthesis of magnetic silica-based nanocomposites containing Fe ₃ O ₄ nanoparticles. <i>Journal of Materials Chemistry</i> , 2004, 14, 3026-3033.	6.7	63
24	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
25	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
26	Crystal Structures and Intercalation Reactions of Three-Dimensional Coordination Polymers [M(H ₂ O) ₂] ₂ [Mo(CN) ₈] ₄ ·4H ₂ O (M = Co, Mn). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1866-1872.	2.0	60
27	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
28	Formation of cyano-bridged molecule-based magnetic nanoparticles within hybrid mesoporous silica. <i>New Journal of Chemistry</i> , 2005, 29, 275-279.	2.8	58
29	Magnetic Transitions in the Cyano-Bridged Bimetallic Ferromagnet Mn ₂ (H ₂ O) ₅ Mo(CN) ₇ ·4.75H ₂ O (I ²). <i>J. Inorg. Nucl. Chem.</i> 2005, 69, 1078-1084.	4.0	56
30	Synthesis of MnOOH nanorods by cluster growth route from [Mn ₁₂ O ₁₂ (RCOO) ₁₆ (H ₂ O) _n] (R=CH ₃). <i>Chemistry</i> , 2005, 178, 2368-2375.	2.9	55
31	A heterometallic (Fe ₆ Na ₈) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , 2016, 6, 48165-48180.	3.6	53
32	Water-Soluble Rhamnose-Coated Fe ₃ O ₄ Nanoparticles. <i>Organic Letters</i> , 2009, 11, 2992-2995.	4.6	52
33	Nanoscale coordination polymers exhibiting luminescence properties and NMR relaxivity. <i>Nanoscale</i> , 2011, 3, 1200.	5.6	50
34	Investigation on NMR Relaxivity of Nano-Sized Cyano-Bridged Coordination Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 13402-13414.	4.0	48
35	[N(CH ₃) ₄] ₂ [Mn(H ₂ O)] ₃ [Mo(CN) ₇] ₂ ·...·2H ₂ O: A New High T _c Cyano-Bridged Ferrimagnet Based on the [MoIII(CN) ₇] ₄ Building Block and Induced by Counterion Exchange. <i>Chemistry - A European Journal</i> , 2002, 8, 2712.	3.3	46
36	Formation of Mn ₃ O ₄ nanoparticles from the cluster [Mn ₁₂ O ₁₂ (C ₂ H ₅ COO) ₁₆ (H ₂ O) ₃] anchored to hybrid mesoporous silica. <i>Journal of Materials Chemistry</i> , 2004, 14, 2703-2711.	6.7	45

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37	Toward Organization of Cyano-Bridged Coordination Polymer Nanoparticles within an Ionic Liquid Crystal. <i>Langmuir</i> , 2009, 25, 1138-1147.	3.5	44
38	Synthesis and study of Prussian blue type nanoparticles in an alginate matrix. <i>Journal of Materials Chemistry</i> , 2012, 22, 20232.	6.7	44
39	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
40	Unusual penta- and hexanuclear Ni(μ_2)-based silsesquioxane polynuclear complexes. <i>Dalton Transactions</i> , 2016, 45, 7320-7327.	3.3	44
41	Synthesis and Structure of a Two-Dimensional Cyano-Bridged Coordination Polymer [Cu(cyclam)] ₂ [Mo(CN) ₈]·10.5H ₂ O (Cyclam = 1,4,8,11-Tetraazacyclodecane). <i>Crystal Growth and Design</i> , 2003, 3, 267-272.	3.0	43
42	Steric Manipulation of the Reductive Reactivity of Ytterbocenes toward 2-((2,6-Diisopropylphenyl)imino)methylpyridine: Insertion of the NC Bond into the Yb-Indenyl Bond or Oxidative Cleavage of the Yb-Cp (Cp = C ₅ H ₅ , Cp*) Bond. <i>Organometallics</i> , 2007, 26, 2488-2491.	2.3	43
43	An organolanthanide(μ_3) single-molecule magnet with an axial crystal-field: influence of the Raman process over the slow relaxation. <i>Chemical Communications</i> , 2017, 53, 4706-4709.	4.1	43
44	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
45	Bifunctional Mixed-Lanthanide Cyano-Bridged Coordination Polymers Ln _{0.5} Ln _{1.5} (H ₂ O) ₅ [W(CN) ₈] (Ln/Ln ²⁺). <i>Inorganic Chemistry</i> , 2011, 50, 7843-7848.	4.0	41
46	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
47	Soluble Ligand-Stabilized Cyano-Bridged Coordination Polymer Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 1367-1375.	6.7	39
48	Crystal engineering in two- and three-dimensional systems based on cyanomolybdates: structures, magnetism and intercalation properties. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 677-691.	4.0	38
49	Magnetic Anisotropy of [Mo(CN) ₇] ⁴⁻ Anions and Fragments of Cyano-Bridged Magnetic Networks. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7251-7257.	2.5	38
50	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
51	Dc and ac magnetic properties of the two-dimensional molecular-based ferrimagnetic materials A ₂ M ₂ [Cu(opba)] ₃ nsolv [A ⁺ =cation, MII=MnII or CoII, opba=ortho-phenylenebis(oxamato) and solv=solvent molecule]. <i>Journal of Materials Chemistry</i> , 1997, 7, 1263-1270.	6.7	37
52	Immobilisation of single molecule magnets in mesoporous silica hosts. <i>New Journal of Chemistry</i> , 2003, 27, 1533-1539.	2.8	37
53	An unusual mechanism of building up of a high magnetization blocking barrier in an octahedral alkoxide Dy ³⁺ -based single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1166-1174.	6.0	37
54	Iodine Capture by Hofmann-Type Clathrate Ni ^{II} (pz)[Ni ^{II} (CN) ₄]. <i>Inorganic Chemistry</i> , 2014, 53, 4269-4271.	4.0	36

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55	Magneto-Luminescence Correlation in the Textbook Dysprosium(III) Nitrate Single-Ion Magnet. <i>Magnetochemistry</i> , 2016, 2, 41.	2.4	36
56	Cage-like Fe, Na Gersmesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15360-15363.	13.8	36
57	Family of Polynuclear Nickel Cage-like Phenylsilsesquioxanes; Features of Periodic Networks and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017, 56, 12751-12763.	4.0	36
58	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
59	[NH ₄] ₂ Mn ₃ (H ₂ O) ₄ [Mo(CN) ₇] ₂ ·4H ₂ O: Tuning Dimensionality and Ferrimagnetic Ordering Temperature by Cation Substitution. <i>Inorganic Chemistry</i> , 2004, 43, 4784-4786.	4.0	33
60	Mesoporous silica nanoparticles combining two-photon excited fluorescence and magnetic properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 1877.	6.7	33
61	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
62	Tuning linkage isomerism and magnetic properties of bi- and tri-metallic cage silsesquioxanes by cation and solvent effects. <i>Dalton Transactions</i> , 2017, 46, 12935-12949.	3.3	32
63	Spin crossover polysaccharide nanocomposites. <i>New Journal of Chemistry</i> , 2013, 37, 3420.	2.8	31
64	Cinnamic acid derivative rare-earth dinuclear complexes and one-dimensional architectures: synthesis, characterization and magnetic properties. <i>Dalton Transactions</i> , 2017, 46, 3943-3952.	3.3	31
65	Coordination polymer nano-objects into ionic liquids: Nanoparticles and superstructures. <i>Inorganica Chimica Acta</i> , 2008, 361, 3988-3996.	2.4	30
66	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
67	An Organoytterbium(III) Complex Exhibiting Field-Induced Single-Ion-Magnet Behavior. <i>Inorganic Chemistry</i> , 2015, 54, 7667-7669.	4.0	29
68	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
69	Half-Sandwich Lanthanide(III) Complexes Coordinated by Two $\hat{\pm}$ -Iminopyridine Radical Anions. <i>Organometallics</i> , 2009, 28, 6707-6713.	2.3	28
70	Near-Infrared Luminescent and Magnetic Cyano-Bridged Coordination Polymers Nd(phen) _n (DMF) _m [M(CN) ₈] (M = Mo, W). <i>Inorganic Chemistry</i> , 2011, 50, 9924-9926.	4.0	28
71	Ytterbium(III) Complexes Coordinated by Dianionic 1,4-Diazabutadiene Ligands. <i>Organometallics</i> , 2015, 34, 1177-1185.	2.3	28
72	Prussian Blue Analogues for the Separation of Hydrocarbons in Humid Conditions. <i>Inorganic Chemistry</i> , 2017, 56, 7598-7601.	4.0	28

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73	Magnetic cage-like metallasilsesquioxanes. <i>Coordination Chemistry Reviews</i> , 2019, 398, 213015.	18.8	28
74	Synthesis and characterization of magnetic organic-inorganic nanocomposites based on the [Mn ₂ O ₁₂ {CH ₂ C(CH ₃)COO} ₁₆ (H ₂ O) ₄] building block. <i>New Journal of Chemistry</i> , 2004, 28, 919-928.	2.8	27
75	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
76	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
77	Superspin-glass behavior of Co ₃ [Fe(CN) ₆] ₂ Prussian blue nanoparticles confined in mesoporous silica. <i>Materials Chemistry and Physics</i> , 2012, 132, 438-445.	4.0	26
78	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
79	Employing three-blade propeller lanthanide complexes as molecular luminescent thermometers: study of temperature sensing through a concerted experimental/theory approach. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7176-7188.	5.5	25
80	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
81	Effect of the chemical nature of different transition metal ferrocyanides to entrap Cs. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 427-436.	1.5	24
82	New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. <i>Chemistry - A European Journal</i> , 2020, 26, 16594-16598.	3.3	24
83	Synchronous Temperature and Magnetic Field Dual-Sensing by Luminescence in a Dysprosium Single-Molecule Magnet. <i>Advanced Optical Materials</i> , 2021, 9, 2101495.	7.3	24
84	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
85	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
86	Base-Free Lanthanoidocenes(II) Coordinated by Bulky Pentabenzylcyclopentadienyl Ligands. <i>Organometallics</i> , 2015, 34, 1991-1999.	2.3	22
87	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
88	Understanding the Host/Guest Interactions in Iodine/Hofmann-Type Clathrate Ni(pz) ₂ [Ni(CN) ₄] System. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9395-9401.	3.1	21
89	Nanoheterostructures based on nanosized Prussian blue and its Analogues: Design, properties and applications. <i>Coordination Chemistry Reviews</i> , 2022, 461, 214497.	18.8	21
90	Heat Capacity, Alternating Current Magnetic Susceptibilities, and Pressure Effect for the Cyano-Bridged Bimetallic Ferromagnet Mn ₂ (H ₂ O) ₅ Mo(CN) ₇ ·4H ₂ O (I± Phase). <i>Chemistry of Materials</i> , 1999, 11, 3400-3405.	6.7	20

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91	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
92	Synthesis of soluble coordination polymer nanoparticles using room-temperature ionic liquid. Inorganica Chimica Acta, 2007, 360, 3829-3836.	2.4	19
93	Electrochemical Li-Ion Intercalation in Octacyanotungstate-Bridged Coordination Polymer with Evidence of Three Magnetic Regimes. Inorganic Chemistry, 2016, 55, 7637-7646.	4.0	19
94	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
95	Single-molecule magnet behaviour in a Dy(ⁱⁱⁱ) pentagonal bipyramidal complex with a quasi-linear Clâ€“Dyâ€“Cl sequence. Dalton Transactions, 2019, 48, 35-39.	3.3	18
96	A Switch in the Hydrophobic/Hydrophilic Gasâ€“Adsorption Character of Prussian Blue Analogues: An Affinity Control for Smart Gas Sorption. Chemistry - A European Journal, 2019, 25, 479-484.	3.3	17
97	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
98	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
99	Controlled synthesis from alginate gels of cobaltâ€“manganese mixed oxide nanocrystals with peculiar magnetic properties. Catalysis Today, 2012, 189, 49-54.	4.4	16
100	Peculiar Field-Dependent Magnetic Behavior of Cyano-Bridged Coordination Polymer Er(H ₂ O) ₄ [W(CN) ₈]. Inorganic Chemistry, 2012, 51, 6425-6427.	4.0	16
101	Single-Molecule Magnet Behavior in Dy ³⁺ Half-Sandwich Complexes Based on Ene-Diamido and Cp* Ligands. Organometallics, 2019, 38, 748-752.	2.3	16
102	Structural and magnetic studies of the [Mn ₁₂ O ₁₂ (CH ₃ COO) ₁₆ (H ₂ O) ₄]Â·2CH ₃ COOHÂ·4H ₂ O thermal derivatives. Journal of Materials Chemistry, 2003, 13, 795-799.	6.7	15
103	Thermal and sonochemical synthesis of porous (Ce,Zr)O ₂ mixed oxides from metal ^Î 2-diketonate precursors and their catalytic activity in wet air oxidation process of formic acid. Ultrasonics Sonochemistry, 2014, 21, 1366-1373.	8.2	15
104	Integrative Synthesis of Coordination Polymers, Metal Oxides, and Alloys Magnetic Nanoparticles in MSU Mesoporous Silica. Chemistry of Materials, 2014, 26, 875-885.	6.7	15
105	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
106	Temperature sensing in Tb ³⁺ /Eu ³⁺ -based tetranuclear silsesquioxane cages with tunable emission. RSC Advances, 2021, 11, 34735-34741.	3.6	15
107	Rhamnoseâ€“coated superparamagnetic ironâ€“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
108	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

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109	Syntheses, Crystal Structures, and Magnetic Properties of Mn(III)(L)phosphinate Complexes (L) Tj ETQq1 1 0.784314 rgBT /Overlock 100113 3206-3216.	2.0	13
110	In situ synthesis of Prussian blue nanoparticles within a biocompatible reverse micellar system for in vivo Cs ⁺ uptake. <i>New Journal of Chemistry</i> , 2017, 41, 2887-2890.	2.8	13
111	Rare Earth Complexes Coordinated by <i>ansa</i> -Bis(amidinate) Ligands with <i>m</i> -Phenylene, 2,6-Pyridinediyl, and SiMe ₂ Linkers. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4275-4284.	2.0	13
112	Crossover from Antiferromagnetic to Ferromagnetic Exchange Coupling in a New Family of Bis-(1/4-phenoxido)dicopper(II) Complexes: A Comprehensive Magneto-Structural Correlation by Experimental and Theoretical Study. <i>ACS Omega</i> , 2019, 4, 10558-10570.	3.5	13
113	Gold@Prussian blue analogue core-shell nanoheterostructures: their optical and magnetic properties. <i>Dalton Transactions</i> , 2019, 48, 6205-6216.	3.3	13
114	²⁰¹ Tl-labeled Prussian blue and Au@Prussian blue nanoprobe for SPEC-CT imaging: influence of the size, shape and coating on the biodistribution. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1737-1741.	6.0	12
115	New Ni ₄ Na ₂ -phenylgermsesquioxane architecture: synthesis, structure and slow dynamic behaviour. <i>Dalton Transactions</i> , 2018, 47, 6893-6897.	3.3	12
116	Elasticity of Prussian Blue Analogue Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 443-448.	2.0	12
117	Fashioning Prussian Blue Nanoparticles by Adsorption of Luminophores: Synthesis, Properties, and in Vitro Imaging. <i>Inorganic Chemistry</i> , 2020, 59, 4567-4575.	4.0	11
118	Single-molecule magnet behavior in luminescent carbazoyl Dy(III) octahedral complexes with a quasi linear N-Dy-N angle. <i>Dalton Transactions</i> , 2020, 49, 4039-4043.	3.3	11
119	Engineered Au Core@Prussian Blue Analogous Shell Nanoheterostructures: Their Magnetic and Optical Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 7483-7496.	3.3	10
120	Synthesis, Structure, Magnetic and Photoluminescent Properties of Dysprosium(III) Schiff Base Single-Molecule Magnets: Investigation of the Relaxation of the Magnetization. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2706-2715.	3.3	10
121	Synergic effect of doxorubicin release and two-photon irradiation of Mn ²⁺ -doped Prussian blue nanoparticles on cancer therapy. <i>RSC Advances</i> , 2020, 10, 2646-2649.	3.6	10
122	Synthesis of poly(diallyldimethylammonium) capped copper hexacyanoferrate (CuHCF) nanoparticles: An efficient stabiliser for Pickering emulsions. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 364-372.	9.4	9
123	Field-Induced Slow Relaxation in a Dinuclear Dysprosium(III) Complex Based on 3-Methoxycinnamic Acid. <i>Inorganics</i> , 2018, 6, 35.	2.7	9
124	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
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