

Joulia Larionova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3966001/publications.pdf>

Version: 2024-02-01

152
papers

6,220
citations

66315

42
h-index

82499

72
g-index

156
all docs

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.	7.2	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.	6.6	236
3	Recent advances in luminescent lanthanide based Single-Molecule Magnets. <i>Coordination Chemistry Reviews</i> , 2018, 363, 57-70.	9.5	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.	7.2	220
5	The Canted Antiferromagnetic Approach to Single-Chain Magnets. <i>Journal of the American Chemical Society</i> , 2008, 130, 1619-1627.	6.6	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.	2.2	171
7	Extraction of radioactive cesium using innovative functionalized porous materials. <i>RSC Advances</i> , 2012, 2, 5707.	1.7	165
8	Molecular Magnetic Sponges. <i>Chemistry - A European Journal</i> , 1999, 5, 3443-3449.	1.7	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.	6.6	142
10	Luminescent and Magnetic Cyano-Bridged Coordination Polymers Containing $4d^{9/4f}$ Ions: Toward Multifunctional Materials. <i>Inorganic Chemistry</i> , 2009, 48, 5983-5995.	1.9	134
11	Magnetic Properties of the Two-Dimensional Bimetallic Compounds $(NBu_4)[MIIIRuIII(ox)_3]$ ($NBu_4 = Tj, ET, Qq, 1, 1, 0.78, 4, 3, 14, rg, BT, J, Overlock$)	1.9	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.	1.9	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.	1.9	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.	6.6	123
15	Room temperature magnetoelectric coupling in a molecular ferroelectric ytterbium(III) complex. <i>Science</i> , 2020, 367, 671-676.	6.0	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.	2.9	109
17	Synthesis of Cyano-Bridged Magnetic Nanoparticles Using Room-Temperature Ionic Liquids. <i>Chemistry - A European Journal</i> , 2006, 12, 3798-3804.	1.7	100
18	Magnetic water-soluble cyano-bridged metal coordination nano-polymers. <i>Chemical Communications</i> , 2006, , 2613-2615.	2.2	74

#	ARTICLE	IF	CITATIONS
19	Cyano-bridged coordination polymer nanoparticles. <i>New Journal of Chemistry</i> , 2009, 33, 1177.	1.4	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.	7.2	69
21	Cyano-bridged coordination polymer nanoparticles with high nuclear relaxivity: toward new contrast agents for MRI. <i>Dalton Transactions</i> , 2008, , 3658.	1.6	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.	1.4	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.	1.7	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.	3.2	62
26	Crystal Structures and Intercalation Reactions of Three-Dimensional Coordination Polymers [M(H ₂ O) ₂] ₂ [Mo(CN) ₈]·4H ₂ O (M = Co, Mn). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1866-1872.	1.0	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.	1.6	59
28	Formation of cyano-bridged molecule-based magnetic nanoparticles within hybrid mesoporous silica. <i>New Journal of Chemistry</i> , 2005, 29, 275-279.	1.4	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, 1973-1978.	1.9	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>Inorganic Chemistry</i> , 2005, 44, 2368-2375.	1.4	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.	1.7	53
32	Water-Soluble Rhamnose-Coated Fe ₃ O ₄ Nanoparticles. <i>Organic Letters</i> , 2009, 11, 2992-2995.	2.4	52
33	Nanoscale coordination polymers exhibiting luminescence properties and NMR relaxivity. <i>Nanoscale</i> , 2011, 3, 1200.	2.8	50
34	Investigation on NMR Relaxivity of Nano-Sized Cyano-Bridged Coordination Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 13402-13414.	1.9	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.	1.7	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

#	ARTICLE	IF	CITATIONS
37	Toward Organization of Cyano-Bridged Coordination Polymer Nanoparticles within an Ionic Liquid Crystal. <i>Langmuir</i> , 2009, 25, 1138-1147.	1.6	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.	7.2	44
40	Unusual penta- and hexanuclear Ni(μ_2)-based silsesquioxane polynuclear complexes. <i>Dalton Transactions</i> , 2016, 45, 7320-7327.	1.6	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.	1.4	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 ₁₃ H ₉ , Cp*) Bond. <i>Organometallics</i> , 2007, 26, 2488-2491.	1.1	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.	2.2	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.	1.9	41
46	Synthesis and studies of water-soluble Prussian Blue-type nanoparticles into chitosan beads. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12760.	1.3	40
47	Soluble Ligand-Stabilized Cyano-Bridged Coordination Polymer Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 1367-1375.	3.2	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.	1.9	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.	1.1	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.	1.7	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.	1.4	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.	3.0	37
54	Iodine Capture by Hofmann-Type Clathrate Ni ^{II} (pz)[Ni ^{II} (CN) ₄]. <i>Inorganic Chemistry</i> , 2014, 53, 4269-4271.	1.9	36

#	ARTICLE	IF	CITATIONS
55	Magneto-Luminescence Correlation in the Textbook Dysprosium(III) Nitrate Single-Ion Magnet. <i>Magnetochemistry</i> , 2016, 2, 41.	1.0	36
56	Cage-like Fe, Na Gersmesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15360-15363.	7.2	36
57	Family of Polynuclear Nickel Cage-like Phenylsilsesquioxanes; Features of Periodic Networks and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017, 56, 12751-12763.	1.9	36
58	Controlled Growth of Cyano-Bridged Coordination Polymers into Layered Double Hydroxides. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3263-3271.	1.5	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.	1.9	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.	1.9	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.	1.6	32
63	Spin crossover polysaccharide nanocomposites. <i>New Journal of Chemistry</i> , 2013, 37, 3420.	1.4	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.	1.6	31
65	Coordination polymer nano-objects into ionic liquids: Nanoparticles and superstructures. <i>Inorganica Chimica Acta</i> , 2008, 361, 3988-3996.	1.2	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.	1.6	30
67	An Organoytterbium(III) Complex Exhibiting Field-Induced Single-Ion-Magnet Behavior. <i>Inorganic Chemistry</i> , 2015, 54, 7667-7669.	1.9	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.	4.0	29
69	Half-Sandwich Lanthanide(III) Complexes Coordinated by Two $\hat{\pm}$ -Iminopyridine Radical Anions. <i>Organometallics</i> , 2009, 28, 6707-6713.	1.1	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.	1.9	28
71	Ytterbium(III) Complexes Coordinated by Dianionic 1,4-Diazabutadiene Ligands. <i>Organometallics</i> , 2015, 34, 1177-1185.	1.1	28
72	Prussian Blue Analogues for the Separation of Hydrocarbons in Humid Conditions. <i>Inorganic Chemistry</i> , 2017, 56, 7598-7601.	1.9	28

#	ARTICLE	IF	CITATIONS
73	Magnetic cage-like metallasilsesquioxanes. <i>Coordination Chemistry Reviews</i> , 2019, 398, 213015.	9.5	28
74	Synthesis and characterization of magnetic organic-inorganic nanocomposites based on the $[Mn_2O_{12}\{CH_2C(CH_3)COO\}_{16}(H_2O)_4]$ building block. <i>New Journal of Chemistry</i> , 2004, 28, 919-928.	1.4	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.	1.7	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.	1.1	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.	2.0	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.	1.3	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.	2.7	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.	1.4	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.	0.7	24
82	New Luminescent Tetranuclear Lanthanide-Based Silsesquioxane Cage-Like Architectures. <i>Chemistry - A European Journal</i> , 2020, 26, 16594-16598.	1.7	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.	3.6	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.	1.9	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.	1.6	23
86	Base-Free Lanthanoidocenes(II) Coordinated by Bulky Pentabenzylcyclopentadienyl Ligands. <i>Organometallics</i> , 2015, 34, 1991-1999.	1.1	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.	1.5	21
88	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.	1.5	21
89	Nanoheterostructures based on nanosized Prussian blue and its Analogues: Design, properties and applications. <i>Coordination Chemistry Reviews</i> , 2022, 461, 214497.	9.5	21
90	Heat Capacity, Alternating Current Magnetic Susceptibilities, and Pressure Effect for the Cyano-Bridged Bimetallic Ferromagnet $Mn_2(H_2O)_5Mo(CN)_7 \cdot 4H_2O$ (\pm Phase). <i>Chemistry of Materials</i> , 1999, 11, 3400-3405.	3.2	20

#	ARTICLE	IF	CITATIONS
91	Study of the influence of magnetic dilution over relaxation processes in a Zn/Dy single-ion magnet by correlation between luminescence and magnetism. <i>RSC Advances</i> , 2016, 6, 108810-108818.	1.7	20
92	Synthesis of soluble coordination polymer nanoparticles using room-temperature ionic liquid. <i>Inorganica Chimica Acta</i> , 2007, 360, 3829-3836.	1.2	19
93	Electrochemical Li-Ion Intercalation in Octacyanotungstate-Bridged Coordination Polymer with Evidence of Three Magnetic Regimes. <i>Inorganic Chemistry</i> , 2016, 55, 7637-7646.	1.9	19
94	New Magnetic and Luminescent Dy(III) and Dy(III)/Y(III) Based Tetranuclear Silsesquioxane Cages. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2696-2701.	1.0	19
95	Single-molecule magnet behaviour in a Dy(ⁱⁱⁱ) pentagonal bipyramidal complex with a quasi-linear Cl–Dy–Cl sequence. <i>Dalton Transactions</i> , 2019, 48, 35-39.	1.6	18
96	A Switch in the Hydrophobic/Hydrophilic Gas Adsorption Character of Prussian Blue Analogues: An Affinity Control for Smart Gas Sorption. <i>Chemistry - A European Journal</i> , 2019, 25, 479-484.	1.7	17
97	Single-molecule magnet behavior in heteroleptic Dy ³⁺ -chloro-diazabutadiene complexes: influence of the nuclearity and ligand redox state. <i>Dalton Transactions</i> , 2020, 49, 11890-11901.	1.6	17
98	High magnetization reversal barriers in luminescent dysprosium octahedral and pentagonal bipyramidal single-molecule magnets based on fluorinated alkoxide ligands. <i>Dalton Transactions</i> , 2021, 50, 8487-8496.	1.6	17
99	Controlled synthesis from alginate gels of cobalt–manganese mixed oxide nanocrystals with peculiar magnetic properties. <i>Catalysis Today</i> , 2012, 189, 49-54.	2.2	16
100	Peculiar Field-Dependent Magnetic Behavior of Cyano-Bridged Coordination Polymer Er(H ₂ O) ₄ [W(CN) ₈]. <i>Inorganic Chemistry</i> , 2012, 51, 6425-6427.	1.9	16
101	Single-Molecule Magnet Behavior in Dy ³⁺ Half-Sandwich Complexes Based on Ene-Diamido and Cp* Ligands. <i>Organometallics</i> , 2019, 38, 748-752.	1.1	16
102	Structural and magnetic studies of the [Mn ₁₂ O ₁₂ (CH ₃ COO) ₁₆ (H ₂ O) ₄]·2CH ₃ COOH·4H ₂ O thermal derivatives. <i>Journal of Materials Chemistry</i> , 2003, 13, 795-799.	6.7	15
103	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.	3.8	15
104	Integrative Synthesis of Coordination Polymers, Metal Oxides, and Alloys Magnetic Nanoparticles in MSU Mesoporous Silica. <i>Chemistry of Materials</i> , 2014, 26, 875-885.	3.2	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. <i>Dalton Transactions</i> , 2019, 48, 12018-12022.	1.6	15
106	Temperature sensing in Tb ³⁺ /Eu ³⁺ -based tetranuclear silsesquioxane cages with tunable emission. <i>RSC Advances</i> , 2021, 11, 34735-34741.	1.7	15
107	Rhamnose-coated superparamagnetic iron oxide nanoparticles: an evaluation of their <i>in vitro</i> cytotoxicity, genotoxicity and carcinogenicity. <i>Journal of Applied Toxicology</i> , 2016, 36, 510-520.	1.4	14
108	Adsorption of volatile organic compounds by ZIF-8, Cu-BTC and a Prussian blue analogue: A comparative study. <i>Inorganica Chimica Acta</i> , 2020, 501, 119316.	1.2	14

#	ARTICLE	IF	CITATIONS
109	Syntheses, Crystal Structures, and Magnetic Properties of Mn(III)(L)phosphinate Complexes (L) Tj ETQq1 1 0.784314 rgBT /Overlock 1000 3206-3216.	1.0	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.	1.4	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.	1.0	13
112	Crossover from Antiferromagnetic to Ferromagnetic Exchange Coupling in a New Family of Bis-(¼-phenoxido)dicopper(II) Complexes: A Comprehensive Magneto-Structural Correlation by Experimental and Theoretical Study. <i>ACS Omega</i> , 2019, 4, 10558-10570.	1.6	13
113	Gold@Prussian blue analogue core-shell nanoheterostructures: their optical and magnetic properties. <i>Dalton Transactions</i> , 2019, 48, 6205-6216.	1.6	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.	3.0	12
115	New Ni ₄ Na ₂ -phenylgermsesquioxane architecture: synthesis, structure and slow dynamic behaviour. <i>Dalton Transactions</i> , 2018, 47, 6893-6897.	1.6	12
116	Elasticity of Prussian Blue Analogue Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 443-448.	1.0	12
117	Fashioning Prussian Blue Nanoparticles by Adsorption of Luminophores: Synthesis, Properties, and in Vitro Imaging. <i>Inorganic Chemistry</i> , 2020, 59, 4567-4575.	1.9	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.	1.6	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.	1.7	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.	1.7	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.	1.7	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.	5.0	9
123	Field-Induced Slow Relaxation in a Dinuclear Dysprosium(III) Complex Based on 3-Methoxycinnamic Acid. <i>Inorganics</i> , 2018, 6, 35.	1.2	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.	1.3	8
125	Making Prussian blue analogues nanoparticles luminescent: effect of the luminophore confinement over the properties. <i>Nanoscale</i> , 2019, 11, 7097-7101.	2.8	8
126	Designing heterostructured core@satellite Prussian Blue Analogue@Au@Ag nanoparticles: Effect on the magnetic properties and catalytic activity. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2248-2260.	3.0	8

#	ARTICLE	IF	CITATIONS
127	Synthesis, crystal structures, luminescent and magnetic properties of rare earth dinuclear complexes and one-dimensional coordination polymers supported by two derivatives of cinnamic acid. <i>Polyhedron</i> , 2021, 207, 115366.	1.0	8
128	Experimental and theoretical study of the spin ground state of the high-spin molecular cluster $[\text{Ni}^{\text{II}}\{\text{Ni}^{\text{II}}(\text{CH}_3\text{OH})_3\}_8(\frac{1}{4}\text{-CN})_{30}\{\text{W}^{\text{V}}(\text{CN})_3\}_6]\cdot 15\text{CH}_3\text{OH}$ by polarised neutron diffraction and density functional theory calculations. <i>Inorganica Chimica Acta</i> , 2008, 361, 3609-3615.	1.2	7
129	Enantioselective separation under humid conditions by chiral Hofmann clathrates: new opportunities for vintage materials. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 3245-3254.	3.0	7
130	Novel carbonate/pyridine tetranuclear nickel complex, exhibiting slow relaxation of the magnetization. <i>Journal of Organometallic Chemistry</i> , 2021, 942, 121815.	0.8	7
131	Autocatalytic sonolysis of iron pentacarbonyl in room temperature ionic liquid $[\text{BuMeIm}][\text{Tf}^-\text{N}]$. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2111-2113.	1.3	6
132	Investigation of the slow relaxation of the magnetization dynamics in homoleptic ene-diamido organodysprosium(III) complexes with K^+ /arene interactions. <i>CrystEngComm</i> , 2020, 22, 4260-4267.	1.3	6
133	Synthesis, Structures and Magnetic Properties of two Heteroleptic Dy^{III} Borohydride Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3008-3012.	1.0	6
134	A rational study of the influence of Mn^{2+} -insertion in Prussian blue nanoparticles on their photothermal properties. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9670-9683.	2.9	6
135	Cation templating of $\text{Mn}^{2+}/[\text{Mo}(\text{CN})_7]^{4-}$ system: Formation of pseudo-dimorphs $(\text{NH}_4)_2\text{Mn}_3(\text{H}_2\text{O})_4[\text{Mo}(\text{CN})_7]_2\cdot n\text{H}_2\text{O}$ ($n=4, 5$). <i>Polyhedron</i> , 2005, 24, 1033-1046.	1.0	5
136	NMR as Evaluation Strategy for Cellular Uptake of Nanoparticles. <i>Nano Letters</i> , 2014, 14, 3959-3965.	4.5	5
137	Synthesis, structure and magnetic investigations of dinuclear lanthanide complexes based on 2-ethoxycinnamate. <i>Dalton Transactions</i> , 2018, 47, 13647-13656.	1.6	5
138	Synthesis, structure and magnetic properties of a series of dinuclear heteroleptic $\text{Zn}^{2+}/\text{Ln}^{3+}$ Schiff base complexes: effect of lanthanide ions on the slow relaxation of magnetization. <i>Dalton Transactions</i> , 2019, 48, 11637-11641.	1.6	5
139	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.	1.4	5
140	Using N-Heterocyclic Carbenes as Weak Equatorial Ligands to Design Single-Molecule Magnets: Zero-Field Slow Relaxation in Two Octahedral Dysprosium(III) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 1264-1269.	1.9	5
141	Post-synthetic modification of Prussian blue type nanoparticles: tailoring the chemical and physical properties. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3943-3971.	3.0	5
142	A π -Carbazoyl $\text{Dy}(\text{III})$ Half-Sandwich Complex Showing Single-Molecule-Magnet Behavior. <i>Organometallics</i> , 2020, 39, 2785-2790.	1.1	4
143	Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2020, 20, 5184-5192.	1.4	4
144	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. <i>Energies</i> , 2021, 14, 3505.	1.6	4

#	ARTICLE	IF	CITATIONS
145	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.	1.6	4
146	Synthesis, structure and magnetic properties of the dinuclear complex [1,3-C ₆ H ₄ {NC(Ph)N(SiMe ₃)} ₂] ₃ Dy ₂ coordinated by ansa-bis(amidinate) ligands with a m-phenylene linker. Mendeleev Communications, 2018, 28, 521-523.	0.6	2
147	Water Dispersible Carbohydrate-Coated Ferrite Nanoparticles. Effect of Cobalt Doping in Magneto-Thermal Properties. Journal of Nanoscience and Nanotechnology, 2019, 19, 5000-5007.	0.9	2
148	Synthesis, structure, magnetic and luminescence properties of two dysprosium single-molecule magnets based on phenoxide dye ligands. CrystEngComm, 2020, 22, 1909-1913.	1.3	2
149	A Novel Approach to the Facile Growth and Organization of Photothermal Prussian Blue Nanocrystals on Different Surfaces. Nanomaterials, 2021, 11, 1749.	1.9	2
150	Tuning the coordination sphere of octahedral Dy(III) complexes with silanolate/stannanolate ligands: synthesis, structures and slow relaxation of the magnetization. CrystEngComm, 0, , .	1.3	2
151	Grafted mesoporous silicas for radionuclide uptake: Radiolytic stability under electron irradiation. Microporous and Mesoporous Materials, 2022, 336, 111851.	2.2	2
152	Structural Diversity of Lanthanide Chain Compounds Based on 3-Ethoxycinnamate: Influence on the Magnetic Properties. Crystal Growth and Design, 2021, 21, 5072-5085.	1.4	1