

Konstantin A Babeshkin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Towards comparative investigation of Er- and Yb-based SMMs: the effect of the coordination environment configuration on the magnetic relaxation in the series of heteroleptic thiocyanate complexes. Dalton Transactions, 2019, 48, 12644-12655.	1.6	33
2	Cobalt-Based Single-Ion Magnets on an Apatite Lattice: Toward Patterned Arrays for Magnetic Memories. Inorganic Chemistry, 2017, 56, 1232-1240.	1.9	25
3	Molecular and Polymer Ln ₂ M ₂ (Ln = Eu, Gd, Tb, Dy; M = Zn, Cd) Complexes with Pentafluorobenzoate Anions: The Role of Temperature and Stacking Effects in the Structure; Magnetic and Luminescent Properties. Materials, 2020, 13, 5689.	1.3	20
4	Nickel(II) complexes with 2-Hfur and N-donors: The magnetic effects of the structural variations, thermal properties and antimycobacterial activity against Mycolicibacterium smegmatis. Polyhedron, 2021, 203, 115241.	1.0	19
5	Heterometallic Coii-Lii carboxylate complexes with N-heterocyclic carbene, triphenylphosphine and pyridine: a comparative study of magnetic properties. Mendeleev Communications, 2021, 31, 624-627.	0.6	19
6	Charge transfer complexes of lanthanide 3,5-dinitrobenzoates and 1,2-phenylenediamine. Journal of Molecular Structure, 2020, 1207, 127800.	1.8	14
7	Slow Spin Relaxation in Dioxocobaltate(II) Anions Embedded in the Lattice of Calcium Hydroxyapatite. Inorganic Chemistry, 2017, 56, 14077-14083.	1.9	13
8	Unexpected Supremacy of Non- D -Dysprosium Single-Ion Magnets within a Series of Isomorphous Lanthanide Cyanocobaltate(III) Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 4380-4390.	1.0	11
9	Generation of a Hetero Spin Complex from Iron(II) Iodide with Redox Active Acenaphthene-1,2-Diimine. Molecules, 2021, 26, 2998.	1.7	11
10	Mapping Magnetic Properties and Relaxation in Vanadium(IV) Complexes with Lanthanides by Electron Paramagnetic Resonance. Molecules, 2019, 24, 4582.	1.7	8
11	Cobalt(II) Complexes Based on Benzylmalonate Anions Exhibiting Field-Induced Single-Ion Magnet Slow Relaxation Behavior. Crystals, 2020, 10, 1130.	1.0	8
12	The First Example of $\text{3d}^6\text{-4f}^0$ Heterometallic Carboxylate Complex Containing Phosphine Ligand. ChemistrySelect, 2020, 5, 12829-12834.	0.7	7
13	Complexation Zn ²⁺ and Co ^{2+/3+} with primary diamines: Synthesis, structure and thermal properties. Polyhedron, 2020, 190, 114764.	1.0	6
14	Two types of Ln ₂ Cu ₂ hydroxo-trimethylacetate complexes with 0D and 1D motifs: synthetic features, structural differences, and slow magnetic relaxation. Dalton Transactions, 2021, 50, 12275-12286.	1.6	6
15	Barium(II)-Chromium(III) Coordination Polymers Based on Dimethylmalonate Anions: Synthesis, Crystal Structure, Magnetic Properties, and EPR Spectra. European Journal of Inorganic Chemistry, 2020, 2020, 4116-4126.	1.0	5
16	Linear Tetranuclear Lanthanide Cymantrenecarboxylates with Diethylene Glycol Ligand: Synthesis, Magnetism, and Thermolysis. European Journal of Inorganic Chemistry, 2021, 2021, 147-155.	1.0	4
17	Dysprosium Thiocyanate Complexes with s-Triazine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 592-599.	0.3	3
18	36-Nuclear Coordination Compounds of Nickel(II) with Malonate Anions and Internal Aquated Magnesium and Sodium Cations. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 180-185.	0.3	3

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19	Effect of the Alkaline Metal Ion on the Crystal Structure and Magnetic Properties of Heterometallic GdIII-VIV Complexes Based on Cyclobutane-1,1-Dicarboxylate Anions. <i>Magnetochemistry</i> , 2021, 7, 82.	1.0	3
20	Mononuclear Transition Metal Cymantrenecarboxylates as Precursors for Spinel-Type Manganites. <i>Molecules</i> , 2022, 27, 1082.	1.7	3
21	Complexes of Lanthanide (Dy, Er, Yb) Thiocyanates with Tetramethylphenanthroline. Synthesis, Thermolysis, and SMM Properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021, 47, 244-252.	0.3	2
22	Mono- and tetranuclear Fe(II,III) complexes with primary 1,3-diaminopropane: Synthetic aspects, magnetic properties and thermal behavior. <i>Polyhedron</i> , 2021, 206, 115354.	1.0	2
23	Molecular Magnets Based on Mononuclear Aqua and Aqua-Chloro Lanthanide (Tb, Dy, Er, Yb) Complexes with Bipyridine. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2021, 47, 165-173.	0.3	1