

# Andrey V Gavrikov

## List of Publications by Year in descending order

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36  
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docs citations

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times ranked

427  
citing authors

#	ARTICLE	IF	CITATIONS
1	New simple La-Ni complexes as efficient precursors for functional LaNiO <sub>3</sub> -based ceramics. Applied Organometallic Chemistry, 2022, 36, e6519.	1.7	6
2	Mononuclear Transition Metal Cymantrenecarboxylates as Precursors for Spinel-Type Manganites. Molecules, 2022, 27, 1082.	1.7	3
3	Linear Tetranuclear Lanthanide Cymantrenecarboxylates with Diethylene Glycol Ligand: Synthesis, Magnetism, and Thermolysis. European Journal of Inorganic Chemistry, 2021, 2021, 147-155.	1.0	4
4	Preparation and properties of uncommon Cd-Mn carboxylate complexes "per se" and as precursors for CdMn <sub>2</sub> O <sub>4</sub> -based ceramics. Applied Organometallic Chemistry, 2021, 35, e6190.	1.7	1
5	Hybrid iodobismuthates code: adapting the geometry of Bi polyhedra to weak interactions. Mendeleev Communications, 2021, 31, 166-169.	0.6	2
6	Unexpected Supremacy of Non-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
7	Modification of Poly(4-methyl-2-pentyne) in the Supercritical Fluid Medium for Selective Membrane Separation of CO <sub>2</sub> from Various Gas Mixtures. Polymers, 2020, 12, 2468.	2.0	7
8	1D Cerium Hydrogen Phosphate Aerogels: Noncarbonaceous Ultraflyweight Monolithic Aerogels. ACS Omega, 2020, 5, 17592-17600.	1.6	8
9	Rapid preparation of SmCoO <sub>3</sub> perovskite via uncommon though efficient precursors: Composition matters!. Ceramics International, 2020, 46, 13014-13024.	2.3	14
10	Step-by-step: uncommon SCSC transformation accompanied by stepwise change in the binding of a particular ligand within a mononuclear complex upon stepwise desolvation. CrystEngComm, 2020, 22, 2895-2899.	1.3	4
11	Dysprosium Thiocyanate Complexes with s-Triazine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 592-599.	0.3	3
12	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
13	Exfoliation of layered yttrium hydroxide by rapid expansion of supercritical suspensions. Journal of Supercritical Fluids, 2019, 150, 40-48.	1.6	13
14	Effect of Synthesis Conditions on the Molecular and Crystal Structures of Heterometallic 1D-Polymeric Acetate Complexes with the {Dy <sub>2</sub> Co} <sub>n</sub> Motif. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2019, 45, 36-41.	0.3	1
15	Unexpected hydrolytic transformation of new type hybrid bromobismuthates with methylpyrazinium dications. Dalton Transactions, 2019, 48, 7602-7611.	1.6	9
16	Eu-Doped layered yttrium hydroxides sensitized by a series of benzenedicarboxylate and sulphobenzoate anions. Dalton Transactions, 2019, 48, 6111-6122.	1.6	14
17	Luminescent and magnetic properties of mononuclear lanthanide thiocyanates with terpyridine as auxiliary ligand. Inorganica Chimica Acta, 2019, 486, 499-505.	1.2	20
18	Yb <sup>3+</sup> can be much better than Dy <sup>3+</sup> : SMM properties and controllable self-assembly of novel lanthanide 3,5-dinitrobenzoate-acetylacetonate complexes. Dalton Transactions, 2018, 47, 6199-6209.	1.6	30

#	ARTICLE	IF	CITATIONS
19	Peculiarities of the Interaction of Rare-Earth Metal Thiocyanates with s-Triazine. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 745-754.	0.3	4
20	New Solvate Polymorphs of Lanthanide Trisacetylacetonates: Crystal Structures of [Ln(acac) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> ] $\cdot$ Solv (Ln = Eu, Dy; Solv = Thf, H <sub>2</sub> O + EtOH, MeOH). Russian Journal of Inorganic Chemistry, 2018, 63, 1186-1191.	0.3	1
21	Control of the composition and crystal structure of exchange reaction products of rare-earth acetates with pivalic acid. Inorganica Chimica Acta, 2018, 482, 8-15.	1.2	5
22	Mononuclear and binuclear lanthanide acetates with chelating and bridging triethanolamine ligands. Polyhedron, 2018, 154, 54-64.	1.0	10
23	Self-assembly and SMM properties of lanthanide cyanocobaltate chain complexes with terpyridine as blocking ligand. Inorganica Chimica Acta, 2018, 482, 813-820.	1.2	17
24	Novel mononuclear and 1D-polymeric derivatives of lanthanides and (1,3,5-trisubstituted-benzoic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 3369-3380.	1.6	25
25	New synthesis route for obtaining carbon-free hexagonal RE manganites via novel simple individual precursors. The interplay between magnetic and thermodynamic properties of hexagonal RMnO <sub>3</sub> (R =) Tj ETQq1 1 @.084314rgBT /Over		
26	Novel mononuclear Ln complexes with pyrazine-2-carboxylate and acetylacetonate co-ligands: remarkable single molecule magnet behavior of a Yb derivative. Dalton Transactions, 2017, 46, 11806-11816.	1.6	35
27	Mononuclear Dysprosium Thiocyanate Complexes with 2,2'-bipyridine and 1,10-phenanthroline: Synthesis, Crystal Structures, SIM Behavior, and Solid-Phase Transformations. European Journal of Inorganic Chemistry, 2017, 2017, 3561-3569.	1.0	19
28	Coordination polymers of rare-earth elements with 2-aminoterephthalic acid. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 770-779.	0.3	3
29	Magnetic Behavior of Carboxylate and 1,2-Diketonate Lanthanide Complexes Containing Stable Organometallic Moieties in the Core-Forming Ligand. Magnetochemistry, 2016, 2, 38.	1.0	21
30	Specific features of the structure, reactivity, thermolysis, and magnetism of cymantrenecarboxylate complexes of lanthanides. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 591-603.	0.3	6
31	Polymer lanthanide cymantrenecarboxylates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 805-816.	0.3	7
32	Synthesis of lanthanide manganites LnMnO <sub>3</sub> and LnMn <sub>2</sub> O <sub>5</sub> from individual molecular precursors. Russian Journal of Inorganic Chemistry, 2015, 60, 1433-1443.	0.3	4
33	Novel heterometallic polymeric lanthanide acetylacetonates with bridging cymantrenecarboxylate groups – synthesis, magnetism and thermolysis. Polyhedron, 2015, 102, 48-59.	1.0	31
34	Binuclear and polynuclear cymantrenecarboxylate complexes of heavy lanthanides. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 149-161.	0.3	10
35	Polymeric lanthanide acetates with peripheral cymantrenecarboxylate groups – Synthesis, magnetism and thermolysis. Polyhedron, 2015, 85, 941-952.	1.0	18
36	Binuclear terbium(III) pivalates with 4,7-diphenyl-1,10-phenanthroline: synthesis, structure, thermal decomposition, and magnetic and luminescence properties. Russian Chemical Bulletin, 2014, 63, 938-944.	0.4	8