

# Elena A Mikhalyova

## List of Publications by Year in descending order

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16  
papers

344  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

598  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new efficient ironcatalyst for olefinepoxidation with hydrogen peroxide. Chemical Communications, 2012, 48, 687-689.	4.1	70
2	Topology Control of Porous Coordination Polymers by Building Block Symmetry. European Journal of Inorganic Chemistry, 2010, 2010, 5055-5057.	2.0	49
3	Manifestation of $\pi$ - $\pi$ Stacking Interactions in Luminescence Properties and Energy Transfer in Aromatically-Derived Tb, Eu and Gd Tris(pyrazolyl)borate Complexes. Inorganic Chemistry, 2015, 54, 3125-3133.	4.0	48
4	Carbonate formation within a nickel dimer: synthesis of a coordinatively unsaturated bis( $\eta^4$ -hydroxo) dinickel complex and its reactivity toward carbon dioxide. Dalton Transactions, 2010, 39, 2504.	3.3	36
5	Synthesis, structure and magnetic properties of Nd <sup>3+</sup> and Pr <sup>3+</sup> 2D polymers with tetrafluoro-p-phthalate. Dalton Transactions, 2011, 40, 10989.	3.3	32
6	Structure, magnetic and luminescence properties of the lanthanide complexes Ln <sub>2</sub> (Salphen)3·H <sub>2</sub> O (Ln=Pr, Nd, Sm, Eu, Gd, Tb, Dy; H <sub>2</sub> Salphen=N,N'-bis(salicylidene)-1,2-phenylenediamine). Inorganica Chimica Acta, 2014, 414, 97-104.	2.4	31
7	Crystal structures and intense luminescence of tris(3-(2-pyridyl)-pyrazolyl)borate Tb <sup>3+</sup> and Eu <sup>3+</sup> complexes with carboxylate co-ligands. Dalton Transactions, 2017, 46, 3457-3469.	3.3	19
8	Combination of single-molecule magnet behaviour and luminescence properties in a new series of lanthanide complexes with tris(pyrazolyl)borate and oligo( $\beta^2$ -diketonate) ligands. Dalton Transactions, 2020, 49, 7774-7789.	3.3	17
9	Magnetic properties and circular dichroism of 1D chains built from chiral mononuclear and non-chiral trinuclear Cu(II) complexes with $\beta$ -aminocarboxylates. Inorganica Chimica Acta, 2010, 363, 3453-3460.	2.4	15
10	The role of the bridging group in exchange coupling in dinuclear homo- and heterometallic Ni(II) and Co(II) complexes with oxalate, oxamidate and dithiooxamidate bridges. Dalton Transactions, 2012, 41, 11319.	3.3	10
11	Sorption discrimination between secondary alcohol enantiomers by chiral alkyl-dicarboxylate MOFs. RSC Advances, 2016, 6, 93707-93714.	3.6	7
12	Absorption- and Excitation-Modulated Luminescence of Pr <sup>3+</sup> , Nd <sup>3+</sup> , and Lu <sup>3+</sup> Compounds with Dianions of Tetrafluoroterephthalic and Camphoric Acids. ACS Omega, 2019, 4, 2669-2675.	3.5	5
13	Photochemical formation of bimetallic composite meso-TiO <sub>2</sub> /Ag/Cu with superb photocatalytic activity in CO oxidation reaction. Materials Science in Semiconductor Processing, 2020, 111, 104985.	4.0	3
14	New homodinuclear tris(3-alkylpyrazolyl)borate complexes of Colland Nilwith a tetraacetylene dianion as a bridging ligand. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 777-785.	0.5	1
15	Lanthanide Complexes with 4,4'-bis(2-sulfonatostyryl)biphenyl: Crystal Structures and Luminescence Properties. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	1
16	Bis[3-(anthracen-9-yl)pentane-2,4-dionato- $\lambda^2$ -( $\eta^1$ -O, $\eta^1$ -O)]( $\eta^1$ -N, $\eta^1$ -N)-dimethylformamide- $\lambda^1$ -( $\eta^1$ -O, $\eta^1$ -N)] [tris(pyrazol-1-yl- $\lambda^1$ -N)] Tj ETQq0 0 0 ggBT /Overlock 10 Tf		
	Communications, 2022, 78, 103-107.		