

# Marina A Katkova

## List of Publications by Year in descending order

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37  
papers

884  
citations

471061

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846  
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#	ARTICLE	IF	CITATIONS
1	Water-Soluble Bismuth(III) Polynuclear Tyrosinehydroximate Metallamacrocyclic Complex: Structural Parallels to Lanthanide Metallacrowns. <i>Molecules</i> , 2020, 25, 4379.	1.7	9
2	pH-Responsive Switching Properties of a Water-Soluble Metallamacrocyclic Phenylalaninehydroximate La(III)-Cu(II) Complex: Insight into Tuning Protonation Ligand States. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4328-4335.	1.0	8
3	The first water-soluble polynuclear metallamacrocyclic Sr-Cu complex based on simple glycinehydroximate ligands. <i>Dalton Transactions</i> , 2019, 48, 10479-10487.	1.6	8
4	Polynuclear Aminohydroximate Metallamacrocyclic Cu(II)-Ce(III) Complexes: A Facile Route to Intricate Nanostructures of Copper and Cerium Oxides. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1002-1010.	1.0	6
5	Digital Economy: Content and Development Trends. <i>Izvestiya of Saratov University New Series Series Economics Management Law</i> , 2019, 19, 257-264.	0.0	0
6	Investigation of Chromophoric Behavior of Water-Soluble La <sup>III</sup> -Cu <sup>II</sup> Polynuclear Metallamacrocyclic 15-MC-5 Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 907-911.	0.6	6
7	New insights into water-soluble and water-coordinated copper 15-metallacrown-5 gadolinium complexes designed for high-field magnetic resonance imaging applications. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4389.	1.7	15
8	Effect of Ce(III)-Cu(II) 15-metallacrown-5 compounds on the dispersion of multi-walled carbon nanotubes in aqueous solutions: Toward surfactant-free applications. <i>Thin Solid Films</i> , 2017, 628, 112-116.	0.8	9
9	Surface modification of silicon plate by hydrothermal treatment with a copper-cerium metallamacrocyclic compound. <i>Mendeleev Communications</i> , 2017, 27, 402-404.	0.6	6
10	Water-soluble tetraaqua Ln(III) glycinehydroximate 15-metallacrown-5 complexes towards potential MRI contrast agents for ultra-high magnetic field. <i>Polyhedron</i> , 2016, 114, 165-171.	1.0	24
11	Copper(II)-cerium(III) 15-metallacrown-5 based on glycinehydroxamic acid as a new precursor for heterobimetallic composite materials on carbon nanotubes. <i>Polyhedron</i> , 2016, 114, 96-100.	1.0	17
12	Preparation and Thermal Decomposition of Ln(III)-Cu(II) Polynuclear Metallamacrocyclic Compounds Based on Glycinehydroxamic Acid. <i>Macrocyclic Chemistry</i> , 2016, 9, 263-267.	0.9	7
13	Facile One-Pot Route toward Water-Soluble Lanthanide-Copper-Glycinehydroximate 15-Metallacrown-5 Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5202-5208.	1.0	31
14	New experimental insights into the formation of unexpected water-soluble Eu(III)-Cu(II) 15-metallacrown-5 compound with acetate. <i>Inorganic Chemistry Communication</i> , 2015, 52, 31-33.	1.8	28
15	Water-soluble heteroligand complexes of 2-methyl-4-oxo-4H-pyran-3-oloneodymium(III) with amino acids. <i>Russian Journal of General Chemistry</i> , 2014, 84, 923-926.	0.3	1
16	Lanthanide phenolates with heterocyclic substituents. Synthesis, structure and luminescent properties. <i>Polyhedron</i> , 2013, 50, 112-120.	1.0	33
17	Thermochemical properties of new N,O-chelate Sc, Eu, and Tb complexes for OLED-devices. <i>Russian Journal of General Chemistry</i> , 2012, 82, 1250-1253.	0.3	4
18	Anhydrous mono- and dinuclear tris(quinolinolate) complexes of scandium: the missing structures of rare earth metal 8-quinolinolates. <i>Dalton Transactions</i> , 2011, 40, 7713.	1.6	14

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19	Near-infrared electroluminescent lanthanide [Pr(III), Nd(III), Ho(III), Er(III), Tm(III), and Yb(III)] N,O-chelated complexes for organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2011, 21, 16611.	6.7	88
20	1,3-Bis(alkylimino)isoindolinates of rare earth metals: Synthesis, molecular structure and photoluminescence. <i>Polyhedron</i> , 2010, 29, 10-15.	1.0	5
21	Scandium 2-mercaptobenzothiazolate: Synthesis, structure and electroluminescent properties. <i>Polyhedron</i> , 2010, 29, 400-404.	1.0	10
22	Synthesis and characterization of phenanthren-o-iminoquinone complexes of rare earth metals. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2774-2780.	0.8	22
23	Experimental and theoretical study of the effect of the substituent nature on the luminescent properties of scandium complexes with substituted 8-hydroxyquinolines. <i>High Energy Chemistry</i> , 2010, 44, 503-510.	0.2	5
24	Synthesis, Structures, and Electroluminescent Properties of Scandium N,O-Chelated Complexes toward Near-White Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2010, 49, 5094-5100.	1.9	57
25	New trends in design of electroluminescent rare earth metallo-complexes for OLEDs. <i>Dalton Transactions</i> , 2010, 39, 6599.	1.6	214
26	Yellow-green organic light-emitting diode based on tris(2-methyl-8-quinolinolate) scandium. <i>Synthetic Metals</i> , 2010, 160, 2476-2480.	2.1	1
27	New type of arrangement of rare-earth quinolinolate. Molecular structure of scandium 2-methyl-8-quinolinolate. <i>Inorganica Chimica Acta</i> , 2009, 362, 1393-1395.	1.2	21
28	2-Mercaptobenzothiazolate complexes of rare earth metals and their electroluminescent properties. <i>Organic Electronics</i> , 2009, 10, 623-630.	1.4	29
29	Imidophosphinate complexes of lanthanides. Investigation of thermochemical properties. <i>Russian Journal of General Chemistry</i> , 2009, 79, 1641-1644.	0.3	2
30	Lanthanide imidodiphosphinate complexes. <i>Synthetic Metals</i> , 2009, 159, 1398-1402.	2.1	31
31	Modification of anode surface in organic light-emitting diodes by chalcogenes. <i>Applied Surface Science</i> , 2008, 254, 2216-2219.	3.1	17
32	Rare-earth metal 8-hydroxyquinolate complexes as materials for organic light-emitting diodes. <i>Russian Chemical Bulletin</i> , 2008, 57, 2281-2284.	0.4	12
33	Electroluminescent characteristics of scandium and yttrium 8-quinolinolates. <i>Journal of Applied Physics</i> , 2008, 104, 053706.	1.1	24
34	Synthesis and luminescent properties of lanthanide homoleptic mercaptothi(ox)azolate complexes: Molecular structure of Ln(mbt) <sub>3</sub> (Ln=Eu, Er). <i>Inorganica Chimica Acta</i> , 2006, 359, 4289-4296.	1.2	49
35	Efficient synthetic route to anhydrous mononuclear tris(8-quinolinolato)lanthanoid complexes for organic light-emitting devices. <i>Inorganica Chimica Acta</i> , 2005, 358, 3625-3632.	1.2	40
36	Reduction of azobenzene by neodymium(II), dysprosium(II), and thulium(II) diiodides. <i>Journal of Organometallic Chemistry</i> , 2003, 682, 218-223.	0.8	27

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37	Synthesis and X-Ray Structure of 1,3,5-Tri(phenylethynyl)benzene. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 833-835.	0.3	4