

Tatyana V Balashova

List of Publications by Year in descending order

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36
papers

470
citations

759055

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752573

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36
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36
docs citations

36
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Lanthanide phenolates with heterocyclic substituents. Synthesis, structure and luminescent properties. <i>Polyhedron</i> , 2013, 50, 112-120.	1.0	33
4	8-Quinolinolate complexes of yttrium and ytterbium: molecular arrangement and fragmentation under laser impact. <i>Dalton Transactions</i> , 2013, 42, 15699.	1.6	27
5	X-Ray excited luminescence of organo-lanthanide complexes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16288-16292.	1.3	20
6	Lanthanide complexes with substituted naphtholate ligands: extraordinary bright near-infrared luminescence of ytterbium. <i>Russian Chemical Bulletin</i> , 2013, 62, 392-397.	0.4	19
7	Sensitization of NIR luminescence of Yb ³⁺ by Zn ²⁺ chromophores in heterometallic complexes with a bridging Schiff-base ligand. <i>Dalton Transactions</i> , 2017, 46, 10408-10417.	1.6	18
8	Luminescent properties of 2-mercaptobenzothiazolates of trivalent lanthanides. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11000-11005.	1.3	17
9	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
10	Lithium, zinc and scandium complexes of phosphorylated salicylaldimines: synthesis, structure, thermochemical and photophysical properties, and application in OLEDs. <i>RSC Advances</i> , 2013, 3, 24484.	1.7	14
11	Organic Er-Yb complexes as potential upconversion materials. <i>Journal of Luminescence</i> , 2017, 192, 208-211.	1.5	14
12	Reactions of neodymium(II) iodide with organohalides. <i>Polyhedron</i> , 2006, 25, 1105-1110.	1.0	13
13	Substituted naphtholates of rare earth metals as emissive materials. <i>RSC Advances</i> , 2014, 4, 35505-35510.	1.7	13
14	Lanthanide iodides as promoters of acetonitrile amination. Molecular structure of MeC(NH)NHPri, MeC(NH)NHBut and {Dy[MeC(NH)NEt ₂] ₆ }I ₃ . <i>Inorganica Chimica Acta</i> , 2007, 360, 2368-2378.	1.2	12
15	Methyl- and propylacetamidinates of lanthanides: Structures, catalytic and some physical properties. <i>Inorganica Chimica Acta</i> , 2008, 361, 2533-2539.	1.2	11
16	Use of Neodymium Diiodide in the Synthesis of Organosilicon, -Germanium and -Tin Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 256-260.	0.6	10
17	Fluorinated mercaptobenzothiazolates of lanthanides: Synthesis, structure and photoluminescence. <i>Journal of Molecular Structure</i> , 2017, 1148, 201-205.	1.8	10
18	Features of the Molecular Structure and Luminescence of Rare-Earth Metal Complexes with Perfluorinated (Benzothiazolyl)phenolate Ligands. <i>Molecules</i> , 2019, 24, 2376.	1.7	9

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19	Impact of n,Î³-irradiation on organic complexes of rare earth metals. <i>Scientific Reports</i> , 2019, 9, 13314.	1.6	7
20	Synthesis and luminescent properties of heteroleptic benzothiazolylâ€“naphtholates of ytterbium. <i>Synthetic Metals</i> , 2015, 203, 117-121.	2.1	6
21	Heteroleptic 3-(2-benzothiazol-2-yl)-2-naphtholates of rare earth metals: Features of synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2015, 777, 42-49.	0.8	6
22	Lanthanide benzoates with 2,6-di- tert -butylphenol moiety: Synthesis, luminescent and antioxidant properties. <i>Inorganica Chimica Acta</i> , 2017, 455, 276-282.	1.2	6
23	Utilizing o-quinone methide chemistry: synthesis of sterically hindered acridin-4-ols. <i>Mendeleev Communications</i> , 2021, 31, 262-264.	0.6	6
24	1,3-Bis(alkylimino)isoindolinates of rare earth metals: Synthesis, molecular structure and photoluminescence. <i>Polyhedron</i> , 2010, 29, 10-15.	1.0	5
25	ate complexes of lanthanides with aryloxide ligands: Synthesis, structures, and luminescence properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2013, 39, 667-679.	0.3	5
26	Lanthanide complexes with oxygen bridges as models for potential up-conversion materials. <i>Inorganica Chimica Acta</i> , 2018, 483, 379-385.	1.2	5
27	Polynuclear Heteroligand Yb(III)â€“Er(III) Complexes as Potential Upconversion Materials. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 712-720.	0.3	4
28	Synthesis, Structure and Luminescent Properties of Rareâ€“Earthâ€“Metal Oxyacridinates. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1441-1451.	1.0	4
29	Lanthanide complexes with the Schiff base containing sterically hindered phenol: Synthesis, structure, and luminescence properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 852-857.	0.3	3
30	Structural and luminescent properties of homo- and heterometallic complexes of La, Li and Na with 2-(2-benzoxazol-2-yl)phenolate ligands. <i>Journal of Luminescence</i> , 2018, 203, 286-291.	1.5	3
31	New luminescent 10-oxybenzoquinolate complexes of rare earth metals. <i>Journal of Rare Earths</i> , 2023, 41, 1135-1143.	2.5	3
32	Specifics of luminescence of (benzoxazolyl)phenolate and (benzothiazolyl)naphtholate heterometallic Zn, Sc, Nd, Sm, Er, and Yb complexes. <i>Russian Chemical Bulletin</i> , 2016, 65, 1739-1742.	0.4	2
33	Synthesis and Luminescent Properties of Lanthanide Complexes with Benzothiazolylphenolate and -Naphtholate Ligands. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 534-544.	0.3	2
34	Zn(II) complexes of substituted oxyacridinate ligands. Synthesis, structure and properties. <i>Journal of Molecular Structure</i> , 2021, 1229, 129798.	1.8	2
35	Yellowâ€“green organic light-emitting diode based on tris(2-methyl-8-quinolinolate) scandium. <i>Synthetic Metals</i> , 2010, 160, 2476-2480.	2.1	1
36	Synthesis and luminescent properties of heteroleptic lanthanide complexes with oxybenzo[. <i>Australian Journal of Chemistry</i> , 2022, 75, 532-542.	0.5	1