

Mikhail N Bochkarev

List of Publications by Year in descending order

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95
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101
docs citations

101
times ranked

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#	ARTICLE	IF	CITATIONS
1	New luminescent 10-oxybenzoquinolate complexes of rare earth metals. <i>Journal of Rare Earths</i> , 2023, 41, 1135-1143.	2.5	3
2	Synthesis and luminescent properties of heteroleptic lanthanide complexes with oxybenzo[. <i>Australian Journal of Chemistry</i> , 2022, 75, 532-542.	0.5	1
3	Luminescence thermochromism in novel mixed Eu(<i>ii</i>)–Cu(<i>i</i>) iodide. <i>Dalton Transactions</i> , 2021, 50, 14244-14251.	1.6	1
4	Zn(II) complexes of substituted oxyacridinate ligands. Synthesis, structure and properties. <i>Journal of Molecular Structure</i> , 2021, 1229, 129798.	1.8	2
5	Synthesis, Structure and Luminescent Properties of Rare-Earth Metal Oxyacridinates. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1441-1451.	1.0	4
6	Bismuth and thorium fluorides as efficient X-ray radiation shielding materials. <i>Radiation Physics and Chemistry</i> , 2021, 182, 109388.	1.4	5
7	Unexpected Findings in a Simple Metathesis Reaction of Europium and Ytterbium Diiodides with Perfluorinated Mercaptobenzothiazolates of Alkali Metals. <i>Organometallics</i> , 2020, 39, 2972-2983.	1.1	6
8	Cerium(<i>iii</i>) complexes with azolyl-substituted thiophenolate ligands: synthesis, structure and red luminescence. <i>RSC Advances</i> , 2019, 9, 24110-24116.	1.7	8
9	X-Ray excited luminescence of organo-lanthanide complexes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16288-16292.	1.3	20
10	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
11	Impact of n,β-irradiation on organic complexes of rare earth metals. <i>Scientific Reports</i> , 2019, 9, 13314.	1.6	7
12	Synthesis, structure and long-lived NIR luminescence of lanthanide ate complexes with perfluorinated 2-mercaptobenzothiazole. <i>Dalton Transactions</i> , 2019, 48, 1060-1066.	1.6	21
13	Lanthanide complexes with oxygen bridges as models for potential up-conversion materials. <i>Inorganica Chimica Acta</i> , 2018, 483, 379-385.	1.2	5
14	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
15	LMCT facilitated room temperature phosphorescence and energy transfer in substituted thiophenolates of Gd and Yb. <i>Dalton Transactions</i> , 2017, 46, 3041-3050.	1.6	37
16	Reactivity of Neodymium and Samarium Nitrides. <i>Journal of Chemical Research</i> , 2017, 41, 82-84.	0.6	2
17	Fluorinated mercaptobenzothiazolates of lanthanides: Synthesis, structure and photoluminescence. <i>Journal of Molecular Structure</i> , 2017, 1148, 201-205.	1.8	10
18	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

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19	Synthesis and luminescence of some rare earth metal complexes. <i>Organic Photonics and Photovoltaics</i> , 2016, 4, .	1.3	11
20	A Hybrid CuI/Fullerene Heterojunction in Transparent Flexible Photovoltaic Cells. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 721-724.	1.0	2
21	Syntheses, Structures, and Photophysical Properties of Eu and Lu Diketonates with a Neutral Polydentate Imidazolylmethanamine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1734-1743.	1.0	8
22	Luminescent properties of 2-mercaptobenzothiazolates of trivalent lanthanides. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11000-11005.	1.3	17
23	Synthesis and luminescent properties of heteroleptic benzothiazolyl- α -naphtholates of ytterbium. <i>Synthetic Metals</i> , 2015, 203, 117-121.	2.1	6
24	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
25	Monophthalocyanine complexes of samarium and terbium with axial ligands: synthesis, structure and optoelectronic properties. <i>Journal of Rare Earths</i> , 2014, 32, 1101-1108.	2.5	6
26	Green-light emitting norbornene based terbium-containing copolymers. Synthesis, photo- and electroluminescent properties. <i>Synthetic Metals</i> , 2014, 190, 86-91.	2.1	13
27	Electroluminescent properties of lanthanide pentafluorophenolates. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1532-1538.	2.7	32
28	Lanthanide pentafluorophenolates. Synthesis, structure and luminescent properties. <i>Journal of Organometallic Chemistry</i> , 2013, 747, 126-132.	0.8	15
29	8-Quinolinolate complexes of yttrium and ytterbium: molecular arrangement and fragmentation under laser impact. <i>Dalton Transactions</i> , 2013, 42, 15699.	1.6	27
30	Synthesis, characterization and photophysical properties of new cyclometallated platinum(II) complexes with pyrazolonate ancillary ligand. <i>Journal of Organometallic Chemistry</i> , 2013, 733, 1-8.	0.8	7
31	Synthesis and luminescent properties of 3-(2-benzoxazol-2-yl)- and 3-(2-benzothiazol-2-yl)-2-naphtholates of some non-transition and rare earth metals. <i>Synthetic Metals</i> , 2013, 164, 55-59.	2.1	16
32	Lanthanide phenolates with heterocyclic substituents. Synthesis, structure and luminescent properties. <i>Polyhedron</i> , 2013, 50, 112-120.	1.0	33
33	Synthesis and luminescence properties of lithium, zinc and scandium 1-(2-pyridyl)naphtholates. <i>Organic Electronics</i> , 2012, 13, 3203-3210.	1.4	7
34	Synthesis, photo- and electroluminescent properties of norbornene based platinum-containing copolymers. <i>Synthetic Metals</i> , 2011, 161, 1043-1050.	2.1	18
35	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
36	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

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37	1,3-Bis(alkylimino)isoindolinates of rare earth metals: Synthesis, molecular structure and photoluminescence. <i>Polyhedron</i> , 2010, 29, 10-15.	1.0	5
38	Scandium 2-mercaptobenzothiazolate: Synthesis, structure and electroluminescent properties. <i>Polyhedron</i> , 2010, 29, 400-404.	1.0	10
39	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
40	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
41	New trends in design of electroluminescent rare earth metallo-complexes for OLEDs. <i>Dalton Transactions</i> , 2010, 39, 6599.	1.6	214
42	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
43	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
44	2-Mercaptobenzothiazolate complexes of rare earth metals and their electroluminescent properties. <i>Organic Electronics</i> , 2009, 10, 623-630.	1.4	29
45	Lanthanide imidodiphosphate complexes. <i>Synthetic Metals</i> , 2009, 159, 1398-1402.	2.1	31
46	Modification of anode surface in organic light-emitting diodes by chalcogenes. <i>Applied Surface Science</i> , 2008, 254, 2216-2219.	3.1	17
47	Methyl- and propylacetamidates of lanthanides: Structures, catalytic and some physical properties. <i>Inorganica Chimica Acta</i> , 2008, 361, 2533-2539.	1.2	11
48	Electroluminescent characteristics of scandium and yttrium 8-quinolinolates. <i>Journal of Applied Physics</i> , 2008, 104, 053706.	1.1	24
49	Lanthanide iodides as promoters of acetonitrile amination. Molecular structure of MeC(NH)NHPri, MeC(NH)NHBut and {Dy[MeC(NH)NEt ₂] ₆ }] ₃ . <i>Inorganica Chimica Acta</i> , 2007, 360, 2368-2378.	1.2	12
50	Reduction of acetonitrile by neodymium diiodide: Molecular structure of [{{(HNCMe) ₂ MeCNH ₂ }}NdI(MeCN) ₅] ₂ and [{{(HNCMe) ₂ MeCNH ₂ }}Nd(MeCN) ₆] ₃ . <i>Inorganica Chimica Acta</i> , 2007, 360, 2923-2928.	1.2	6
51	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
52	Synthesis and characterization of isopropylamine complexes of lanthanide(II) diiodides: Molecular structure of TmI ₂ (PriNH ₂) ₄ and EuI ₂ (PriNH ₂) ₄ . <i>Inorganica Chimica Acta</i> , 2006, 359, 3315-3320.	1.2	10
53	Synthesis and luminescent properties of lanthanide homoleptic mercaptothi(ox)azolate complexes: Molecular structure of Ln(mbt) ₃ (Ln=Eu, Er). <i>Inorganica Chimica Acta</i> , 2006, 359, 4289-4296.	1.2	49
54	Reactions of neodymium(II) iodide with organohalides. <i>Polyhedron</i> , 2006, 25, 1105-1110.	1.0	13

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55	Bridging η^4 - η^5 - η^4 -Coordination of an Indenyl Ligand and Reductive Coupling of Diazabutadienes in the Assembly of Di- and Tetranuclear Mixed-Valent Ytterbium Indenyl-diazabutadiene Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 2752-2757.	1.7	50
56	Neodymium(II) and Dysprosium(II) Iodides in the Reactions with Metallocenes of d-Transition Metals. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 351-356.	1.0	25
57	Chloro, Alkyl and Aryl Complexes of Rare Earth Metals Supported by Bulky Tetrasubstituted Guanidinate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 747-756.	1.0	37
58	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
59	Solvent-Mediated Redox Transformations of Ytterbium Bis(indenyl)diazabutadiene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2812-2818.	1.0	46
60	Comparative Reductive Reactivity of SmI ₂ with TmI ₂ in the Synthesis of Lanthanide Arene Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2848-2853.	0.6	15
61	Facile Syntheses of Unsolvated U ^{III} and Tetramethylcyclopentadienyl Uranium Halides. <i>Inorganic Chemistry</i> , 2005, 44, 3993-4000.	1.9	47
62	Coordination compounds of rare-earth metals with organic ligands for electroluminescent diodes. <i>Russian Chemical Reviews</i> , 2005, 74, 1089-1109.	2.5	170
63	C \equiv C Coupling and C \equiv H Bond Activation—Unexpected Pathways in the Reactions of [Yb(η^5 -C ₁₃ H ₉) ₂ (thf) ₂] with Diazadienes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5045-5048.	7.2	48
64	Molecular compounds of σ -divalent lanthanides. <i>Coordination Chemistry Reviews</i> , 2004, 248, 835-851.	9.5	160
65	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
66	A Novel Bis(imino)amine Ligand as a Result of Acetonitrile Coupling with the Diiodides of Dy(II) and Tm(II). <i>Journal of the American Chemical Society</i> , 2003, 125, 2894-2895.	6.6	61
67	On Attempts to Synthesize Lanthanide Complexes of the Dianionic Fluorenyl-alkoxo Ligand [C ₁₃ H ₈ -cyclo-C ₆ H ₁₀ -O] ²⁻ . Crystal Structure of (C ₁₃ H ₉ -cyclo-C ₆ H ₁₀ -O)La ₂ (DME) ₂ . <i>Zeitschrift Fur Naturforschung - Section B: Journal of Chemical Sciences</i> , 2003, 58, 289-294.	0.3	2
68	Synthesis, Arrangement, and Reactivity of Arene—Lanthanide Compounds. <i>Chemical Reviews</i> , 2002, 102, 2089-2118.	23.0	193
69	A new half-sandwich Yb(II) complex with the tridentate cyclopentadienyl ligand [C ₅ H ₄ CH ₂ CH(O)CH ₂ OBu ⁿ] ²⁻ : synthesis, self-assembly of a tetranuclear cubane-like framework {[(η^5 -C ₅ H ₄)CH ₂ CH(η^3)Tj]Tj ₃ O ₈ Qq ₁ 1 ₁ }. <i>Journal of Organometallic Chemistry</i> , 2001, 610, 1-10.	0.8	10
70	Catalytic activity of some organolanthanoid derivatives in styrene and propene polymerization. <i>Applied Organometallic Chemistry</i> , 2001, 15, 151-156.	1.7	17
71	A Chemical Definition of the Effective Reducing Power of Thulium(II) Diiodide by Its Reactions with Cyclic Unsaturated Hydrocarbons. <i>Chemistry - A European Journal</i> , 2001, 7, 3558.	1.7	70
72	Unexpected Splitting of ansa-Ytterboacene and ansa-Calcoacene: Formation of [(η^2 -C ₁₂ H ₈)ZrCl ₂ (thf) ₃] and (Me ₃ Si) ₂ C ₁₂ H ₈ . <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2474-2477.	7.2	24

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73	[NdI ₂ (thf) ₅], the First Crystallographically Authenticated Neodymium(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3176-3178.	7.2	118
74	Arene complexes of rare-earth metals. <i>Russian Chemical Reviews</i> , 2000, 69, 783-794.	2.5	16
75	Metallation of Calix[4]arene with Thulium Diiodide, TmI ₂ (DME) ₃ : Molecular Structure of [(5,11,17,23-Tetra-tert-butyl-25,27-dioxo-26,28-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (dimethoxycalix[4]arene) TmI ₂ (DME) ₃]. <i>Journal of Chemical Sciences</i> , 1999, 54, 466-468.	0.3	18
76	A Novel Route to Triphenylgermyl Europium Complexes. Crystal Structure of (Ph ₃ Ge) ₂ Eu(DME) ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1999, 625, 1818-1822.	0.6	19
77	A New Route to Neodymium(II) and Dysprosium(II) Iodides. <i>Chemistry - A European Journal</i> , 1999, 5, 2990-2992.	1.7	108
78	Synthesis and Structure of the First Lanthanide Complex with the Bridging, Antiaromatic 2,2'-Bipyridine Dianion: [Yb(1/4 2-N ₂ C ₁₀ H ₈)(thf) ₂] ₃ . <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2262-2264.	7.2	35
79	A new bifunctional ligand: C ₅ Me ₄ SiMe ₂ OSiMe ₂ O ⁻ . Synthesis, properties and crystal structure of the first Yb(II) half-sandwich complex with a heterobidentate cyclopentadienyl ligand, [(1-5-C ₅ Me ₄)SiMe ₂ OSiMe ₂ (1-O)}Yb(thf)] ₂ . <i>Chemical Communications</i> , 1999, , 2203-2204.	2.2	21
80	Variety of naphthalene coordination modes in the polynuclear (pentamethylcyclopentadienyl)		

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91	Reactions of pentafluorophenyl germanium hydrides with nickelocene. Journal of Organometallic Chemistry, 1992, 429, 13-26.	0.8	11
92	Synthesis and characterization of pentaphenyldiytterbium $\text{Ph}_2\text{Yb}(\text{THF})(\text{Ph})_3\text{Yb}(\text{THF})_3$. Journal of Organometallic Chemistry, 1992, 429, 27-39.	0.8	60
93	Interaction of naphthalenyttterbium with tetraphenyltin. Molecular structure of $\text{Ph}_3\text{SnYb}(\text{THF})_2(\text{Ph})_3\text{Yb}(\text{THF})_3$. Journal of Organometallic Chemistry, 1991, 421, 29-38.	0.8	41
94	Reduction of Azobenzene by Naphthalenyttterbium: A Tetranuclear Ytterbium(III) Complex Combining 1,2-Diphenylhydrazido(2 ⁻) and Phenylimido Ligands. Angewandte Chemie International Edition in English, 1991, 30, 1149-1151.	4.4	94
95	Novel ditopic 2-mercaptothiazoles and their sodium salts: synthesis, structural diversity and luminescence. New Journal of Chemistry, 0, , .	1.4	2