Alexander A Trifonov

List of Publications by Year
in descending order

168	4,140	101543	161849
papers	citations	36 h-index	54 g-index

172	172	172	1869
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bis(guanidinate) Alkoxide Complexes of Lanthanides: Synthesis, Structures and Use in Immortal and Stereoselective Ringâ€Opening Polymerization of Cyclic Esters. Chemistry - A European Journal, 2008, 14, 5440-5448.	3.3	158
2	Guanidinate and amidopyridinate rare-earth complexes: Towards highly reactive alkyl and hydrido species. Coordination Chemistry Reviews, 2010, 254, 1327-1347.	18.8	157
3	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	6.5	157
4	Rare-earth metal complexes as catalysts for ring-opening polymerization of cyclic esters. Coordination Chemistry Reviews, 2019, 392, 83-145.	18.8	128
5	Yttrium Complexes Supported by Linked Bis(amide) Ligand: Synthesis, Structure, and Catalytic Activity in the Ring-Opening Polymerization of Cyclic Esters. Inorganic Chemistry, 2009, 48, 4258-4266.	4.0	112
6	Selective Assembly of Trinuclear Rare-Earth Alkyl Hydrido Clusters Supported by Amidopyridinate Ligands. Organometallics, 2008, 27, 2905-2907.	2.3	88
7	A quarter-century long story of bis(alkyl) rare-earth (III) complexes. Coordination Chemistry Reviews, 2017, 340, 10-61.	18.8	88
8	Non-metallocene rare-earth organometallic derivatives: synthesis, structure and application in the catalysis of transformations of unsaturated substrates. Russian Chemical Reviews, 2007, 76, 1122-1144.	6.5	76
9	Use of organolanthanides in the catalytic intermolecular hydrophosphination and hydroamination of multiple Câ€“C bonds. Dalton Transactions, 2016, 45, 19172-19193.	3.3	73
10	Metallacyclic yttrium alkyl and hydrido complexes: synthesis, structures and catalytic activity in intermolecular olefin hydrophosphination and hydroamination. Dalton Transactions, 2015, 44, 12137-12148.	3.3	65
11	Intramolecular (sp³-hybridized) Câ^'H Activation: Yttrium Alkyls versus Transient Yttrium Hydrides. Organometallics, 2007, 26, 5770-5773.	2.3	63
12	Ytterbocenes as One- and Two-Electron Reductants in their Reactions with Diazadienes: YbIII Mixed-Ligand Bent-Sandwich Complexes Containing a Dianion of Diazabutadiene. Chemistry - A European Journal, 2007, 13, 4981-4987.	3.3	62
13	Divalent Heteroleptic Ytterbium Complexes â€“ Effective Catalysts for Intermolecular Styrene Hydrophosphination and Hydroamination. Inorganic Chemistry, 2014, 53, 1654-1661.	4.0	62
14	Lanthanide chloride complexes of amine-bis(phenolate) ligands and their reactivity in the ring-opening polymerization of Îµ-caprolactone. Dalton Transactions, 2008, , 3592.	3.3	59
15	Amido Ln(II) Complexes Coordinated by Bi- and Tridentate Amidinate Ligands: Nonconventional Coordination Modes of Amidinate Ligands and Catalytic Activity in Intermolecular Hydrophosphination of Styrenes and Tolane. Inorganic Chemistry, 2016, 55, 1236-1244.	4.0	59
16	Lanthanide Borohydride Complexes of Bulky Guanidinate Ligands [(Me3Si)2NC(N-Cy)2]2Ln(Î¼-BH4)2Li(THF)2 (Ln = Nd, Sm, Yb): Synthesis, Structure and Catalytic Activity in Lactide Polymerization. European Journal of Inorganic Chemistry, 2007, 2007, 3260-3267.	2.0	58
17	Selective Ïƒ-Bond Metathesis in Alkylâ^'Aryl and Alkylâ^'Benzyl Yttrium Complexes. New Arylâ^' and Benzylâ^'Hydrido Yttrium Derivatives Supported by Amidopyridinate Ligands. Organometallics, 2009, 28, 1227-1232.	2.3	53
18	Intramolecular enantioselective hydroamination catalyzed by rare earth binaphthylamides. Journal of Organometallic Chemistry, 2011, 696, 255-262.	1.8	52

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19	Rare-earth dichloro and bis(alkyl) complexes supported by bulky amidoâ€“imino ligand. Synthesis, structure, reactivity and catalytic activity in isoprene polymerization. Dalton Transactions, 2013, 42, 9211.	3.3	52
20	Bridging Î¼-Î·5:Î·4-Coordination of an Indenyl Ligand and Reductive Coupling of Diazabutadienes in the Assembly of Di- and Tetranuclear Mixed-Valent Ytterbium Indenyldiazabutadiene Complexes. Chemistry - A European Journal, 2006, 12, 2752-2757.	3.3	50
21	Coordination Environment in Yttrium Chemistry. Synthesis, Structure, and Properties of Complexes [(Me₃Si)₂NC(Ni-Pr)₂]YCl₂(THF)₂, [(Me₃Si)₂NC(Ni-Pr)₂]Y(CH₂SiMe₃)₂(THF) and	2.0	50
22	Reactions of Ytterbocenes with Diimines: Steric Manipulation of Reductive Reactivity. European Journal of Inorganic Chemistry, 2007, 2007, 3151-3167.	2.0	50
23	Cï£¿C Coupling and Cï£¿H Bond Activationâ€"Unexpected Pathways in the Reactions of[Yb(Î·5-C13H9)2(thf)2] with Diazadienes. Angewandte Chemie - International Edition, 2004, 43, 5045-5048.	13.8	48
24	Solvent-Mediated Redox Transformations of Ytterbium Bis(indenyl)diazabutadiene Complexes. European Journal of Inorganic Chemistry, 2005, 2005, 2812-2818.	2.0	46
25	Hydrosilylation of dienes by yttrium hydrido complexes containing a linked amido-cyclopentadienyl ligand. Dalton Transactions, 2004, , 2245.	3.3	45
26	Steric Manipulation of the Reductive Reactivity of Ytterbocenes toward 2-(((2,6-Diisopropylphenyl)imino)methyl)pyridine:Â Insertion of the NC Bond into the Ybâ^'Indenyl Bond or Oxidative Cleavage of the Î·5Ybâ^'Cp (Cp = C13H9, Cp*) Bond. Organometallics, 2007, 26, 2488-2491.	2.3	43
27	Hydrido Complexes of Yttrium and Lutetium Supported by Bulky Guanidinato Ligands [Ln(Î¼â€H){(Me₃Si)₂NC(NCy)₂}₂]₂ (Ln = Y, Lu) Synthesis, Structure, and Reactivity. European Journal of Inorganic Chemistry, 2008, 2008, 2090-2098.	2.0	43
28	An organolanthanide(<scp>iii</scp>) single-molecule magnet with an axial crystal-field: influence of the Raman process over the slow relaxation. Chemical Communications, 2017, 53, 4706-4709.	4.1	43
29	Lanthanide Complexes Coordinated by a Dianionic Bis(amidinate) Ligand with a Rigid Naphthalene Linker. European Journal of Inorganic Chemistry, 2010, 2010, 3290-3298.	2.0	42
30	Chloro and Alkyl Rare-Earth Complexes Supported by ansa-Bis(amidinate) Ligands with a Rigid o-Phenylene Linker. Ligand Steric Bulk: A Means of Stabilization or Destabilization?. Organometallics, 2012, 31, 5405-5413.	2.3	42
31	Reactivity of Ytterbium(II) Hydride. Redox Reactions: Ytterbium(II) vs Hydrido Ligand. Metathesis of the Ybâ€"H Bond. Organometallics, 2013, 32, 1507-1516.	2.3	41
32	Thermally Stable Ln(II) and Ca(II) Bis(benzhydryl) Complexes: Excellent Precatalysts for Intermolecular Hydrophosphination of Câ€"C Multiple Bonds. Inorganic Chemistry, 2019, 58, 5325-5334.	4.0	41
33	Alkylyttrium Complexes Supported by N,Nâ€˜-Dicyclohexyl-Nâ€˜â€‰â€˜-bis(trimethylsilyl)guanidinate Ligands. Organometallics, 2006, 25, 3935-3942.	2.3	40
34	Highly Active, Chemoâ€•and Regioselective Yb^{II} and Sm^{II} Catalysts for the Hydrophosphination of Styrene with Phenylphosphine. Chemistry - A European Journal, 2015, 21, 6033-6036.	3.3	40
35	Chloro, Alkyl and Aryl Complexes of Rare Earth Metals Supported by Bulky Tetrasubstituted Guanidinate Ligands. European Journal of Inorganic Chemistry, 2006, 2006, 747-756.	2.0	37
36	A Double Addition of Lnï£¿H to a Carbonâ€"Carbon Triple Bond and Competitive Oxidation of Ytterbium(II) and Hydrido Centers. Angewandte Chemie - International Edition, 2012, 51, 3444-3447.	13.8	37

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37	An unusual mechanism of building up of a high magnetization blocking barrier in an octahedral alkoxide Dy³⁺-based single-molecule magnet. Inorganic Chemistry Frontiers, 2021, 8, 1166-1174.	6.0	37
38	Yttriumâ€Amidopyridinate Complexes: Synthesis and Characterization of Yttriumâ€Alkyl and Yttriumâ€Hydrido Derivatives. European Journal of Inorganic Chemistry, 2010, 2010, 608-620.	2.0	36
39	Amino Etherâ€“Phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes. Organometallics, 2016, 35, 3261-3271.	2.3	36
40	Fluorenyl andansa-Dimethylsilylbis(fluorenyl) Derivatives of Divalent Ytterbium and Samarium â^' Synthesis and Structure of the First Mixed-Ligand LnII Classic Sandwich Complex (C13H9)(C5Me5)Yb(DME). European Journal of Inorganic Chemistry, 2001, 2001, 2509-2514.	2.0	34
41	Title is missing!. Russian Chemical Bulletin, 2003, 52, 601-606.	1.5	34
42	Lanthanide borohydrides supported by an ansa-bis(amidinate) ligand with a rigid naphthalene linker: Synthesis, structure and catalytic activity in ring-opening polymerization of lactide. Inorganica Chimica Acta, 2012, 383, 137-142.	2.4	33
43	Amido Ca and Yb(II) Complexes Coordinated by Amidine-Amidopyridinate Ligands for Catalytic Intermolecular Olefin Hydrophosphination. Inorganic Chemistry, 2018, 57, 2942-2952.	4.0	33
44	Ca^{II}, Yb^{II} and Sm^{II} Bis(Amido) Complexes Coordinated by NHC Ligands: Efficient Catalysts for Highly Regioâ€•and Chemoselective Consecutive Hydrophosphinations with PH₃. Chemistry - A European Journal, 2019, 25, 459-463.	3.3	33
45	Dinuclear Chloridoâ€, Alkyl(chlorido)â€, and Hydridoyttrium Complexes Supported by Î¼â€Bridgingâ€Silylâ€Linked Bis(amidinate) Ligands. European Journal of Inorganic Chemistry, 2010, 2010, 1655-1662.	2.0	32
46	Dialkyl Rare Earth Complexes Supported by Potentially Tridentate Amidinate Ligands: Synthesis, Structures, and Catalytic Activity in Isoprene Polymerization. European Journal of Inorganic Chemistry, 2012, 2012, 2289-2297.	2.0	31
47	â€œConstrained geometryâ€•catalysts of the rare-earth metals for the hydrosilylation of olefins. Journal of Organometallic Chemistry, 2006, 691, 4393-4399.	1.8	30
48	Guanidinate borohydride derivatives of lanthanides: synthesis and molecular structures of the [(Me3Si)2NC(NCy)2]Gd(BH4)2DME and [{(Me3Si)2NC(NPri)2}2Sm(BH4)2]â^'[Li(DME)3]+ complexes. Catalytic activity of the [(Me3Si)2NC(NCy)2]2Ln(BH4)2Li(THF)2 complexes (Ln = Nd, Sm, or Yb) in methyl methacrylate polymerization. Russian Chemical Bulletin, 2007, 56, 1742-1748.	1.5	30
49	Metalâ€toâ€Ligand Alkyl Migration Inducing Carbonâ€“Sulfur Bond Cleavage in Dialkyl Yttrium Complexes Supported by Thiazoleâ€Containing Amidopyridinate Ligands: Synthesis, Characterization, and Catalytic Activity in the Intramolecular Hydroamination Reaction. Chemistry - A European Journal, 2014, 20, 3487-3499.	3.3	30
50	Reversible Switching of Coordination Mode of ansa bis(Amidinate) Ligand in Ytterbium Complexes Driven by Oxidation State of the Metal Atom. Inorganic Chemistry, 2014, 53, 1537-1543.	4.0	30
51	Synthesis, properties, and the crystal structure of the complex Cp2Yb(DAD). Russian Chemical Bulletin, 1999, 48, 382-384.	1.5	29
52	LiCl-effect on asymmetric intramolecular hydroamination catalyzed by binaphthylamido yttrium complexes. Dalton Transactions, 2013, 42, 507-520.	3.3	29
53	An Organoytterbium(III) Complex Exhibiting Field-Induced Single-Ion-Magnet Behavior. Inorganic Chemistry, 2015, 54, 7667-7669.	4.0	29
54	Half-Sandwich Lanthanide(III) Complexes Coordinated by Two Î±-Iminopyridine Radical Anions. Organometallics, 2009, 28, 6707-6713.	2.3	28

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55	Ytterbium(III) Complexes Coordinated by Dianionic 1,4-Diazabutadiene Ligands. Organometallics, 2015, 34, 1177-1185.	2.3	28
56	Dysprosium Singleâ€Molecule Magnets with Bulky Schiff Base Ligands: Modification of the Slow Relaxation of the Magnetization by Substituent Change. Chemistry - A European Journal, 2019, 25, 474-478.	3.3	27
57	Benzoimidazoleâ€Pyridylamido Zirconium and Hafnium Alkyl Complexes as Homogeneous Catalysts for Tandem Carbon Dioxide Hydrosilylation to Methane. ChemCatChem, 2019, 11, 495-510.	3.7	27
58	Sterically Governed Redox Reactions. One-Electron Oxidation of Ytterbocenes by Diazabutadienes: Formation of Radical-Anionic Diazabutadiene vs Covalently Bonded Iminoâ€“Amido Ligand. Organometallics, 2011, 30, 4882-4889.	2.3	26
59	Bis(alkyl) rare-earth complexes supported by a new tridentate amidinate ligand with a pendant diphenylphosphine oxide group. Synthesis, structures and catalytic activity in isoprene polymerization. Dalton Transactions, 2015, 44, 16465-16474.	3.3	26
60	Intramolecular Câ€“H Bond Activation by Lanthanoid Complexes Bearing a Bulky Aminopyridinato Ligand. European Journal of Inorganic Chemistry, 2010, 2010, 248-257.	2.0	25
61	Benzonitrile Insertion into Silylarylamides -ansa-Bis(benzamidinate) Ligand Systems with Rigido-andm-Phenylene Linkers in the Synthesis of Lithium and Rare Earth Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 4173-4183.	2.0	25
62	Yb(II) Triple-Decker Complex with the Î¼-Bridging Naphthalene Dianion [Cp^{Bn5}Yb(DME)]₂(Î¼-Î·⁴:Î·⁴-C₁₀H₈). Oxidative Substitution of [C₁₀H₈]^{2â€“} by 1,4-Diphenylbuta-1,3-diene and P₄ and Protonolysis of the Ybâ€“C₁₀H₈ Bond by PhPH₂. Organometallics, 2016, 35, 2401-2409.	2.3	25
63	Employing three-blade propeller lanthanide complexes as molecular luminescent thermometers: study of temperature sensing through a concerted experimental/theory approach. Journal of Materials Chemistry C, 2022, 10, 7176-7188.	5.5	25
64	Alkylyttrium Complexes of Amidineâ€“Amidopyridinate Ligands. Intramolecular C(sp³)â€“H Activation and Reactivity Studies. Organometallics, 2013, 32, 1517-1527.	2.3	24
65	Organolanthanide Complexes Supported by Thiazole-Containing Amidopyridinate Ligands: Synthesis, Characterization, and Catalytic Activity in Isoprene Polymerization. Organometallics, 2014, 33, 7125-7134.	2.3	24
66	Amido Ca(<scp>ii</scp>) complexes supported by Schiff base ligands for catalytic cross-dehydrogenative coupling of amines with silanes. Dalton Transactions, 2018, 47, 12570-12581.	3.3	24
67	Lanthanide Borohydrido Complexes Supported by ansaâ€Bis(amidinato) Ligands with a Rigid oâ€Phenylene Linker: Effect of Ligand Tailoring on Catalytic Lactide Polymerization. European Journal of Inorganic Chemistry, 2013, 2013, 6009-6018.	2.0	23
68	Synthesis, structure and magnetic properties of tris(pyrazolyl)methane lanthanide complexes: effect of the anion on the slow relaxation of magnetization. Dalton Transactions, 2018, 47, 5153-5156.	3.3	23
69	Ln(<scp>ii</scp>) and Ca(<scp>ii</scp>) NC_{sp3}N pincer type diarylmethanido complexes â€“ promising catalysts for Câ€“C and Câ€“E (E = Si, P, N, S) bond formation. Inorganic Chemistry Frontiers, 2020, 7, 2459-2477.	6.0	23
70	Mixed-ligand guanidinate derivatives of rare-earth metals. Molecular structures of {(Me3Si)2NC(N-cyclo-Hex)2}Y[N(SiMe3)2]2, [{(Me3Si)2NC(N-cyclo-Hex)2}YbI(THF)2]2, and [{(Me3Si)2N}Y(THF)(Âμ-Cl)]2 complexes. Russian Chemical Bulletin, 2006, 55, 435-441.	1.5	22
71	Base-Free Lanthanoidocenes(II) Coordinated by Bulky Pentabenzylcyclopentadienyl Ligands. Organometallics, 2015, 34, 1991-1999.	2.3	22
72	Amido rare-earth complexes supported by an ansa bis(amidinate) ligand with a rigid 1,8-naphthalene linker: synthesis, structures and catalytic activity in rac-lactide polymerization and hydrophosphonylation of carbonyl compounds. New Journal of Chemistry, 2015, 39, 1083-1093.	2.8	22

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73	Reactions of ytterbium(II) bis(indenyl) complex (C9H7)2Yb(thf)2 with 2,2â€™-bipyridine and 1,4-bis(2,6-diisopropylphenyl)-1,4-diazabuta-1,3-diene. Structures and properties of (C9H7)2Yb(bipy) and (C9H7)2Yb(2,6-Pri 2C6H3NCHCHNC6H3Pri 2-2,6) complexes. Russian Chemical Bulletin, 2004, 53, 2736-2743.	1.5	21
74	Bis(alkyl) rare-earth complexes coordinated by bulky tridentate amidinate ligands bearing pendant Ph₂Pî€O and Ph₂Pî€NR groups. Synthesis, structures and catalytic activity in stereospecific isoprene polymerization. Dalton Transactions, 2016, 45, 18572-18584.	3.3	21
75	Ln(<scp>ii</scp>) amido complexes coordinated by ring-expanded N-heterocyclic carbenes â€“ promising catalysts for olefin hydrophosphination. Chemical Communications, 2020, 56, 12913-12916.	4.1	21
76	Alkyl complexes of divalent lanthanides and heavy alkaline earth metals. Russian Chemical Reviews, 2021, 90, 529-565.	6.5	20
77	Synthesis and properties of guanidinate derivatives of rare-earth metals. Molecular structures of the { (Me3Si)2NC(NPri)2}2Y(Âµ-Cl)2Li(THF)2, [{ (Me3Si)2NC(NPri)2}2SmCl]2 and {(Me3Si)2NC(NPri)2} Sm(Âµ3-BH4)2(DME) complexes. Russian Chemical Bulletin, 2005, 54, 2511-2518.	1.5	19
78	Tris(benzhydryl) and Cationic Bis(benzhydryl) Ln(III) Complexes: Exceptional Thermostability and Catalytic Activity in Olefin Hydroarylation and Hydrobenzylation with Substituted Pyridines. Advanced Synthesis and Catalysis, 2020, 362, 5432-5443.	4.3	19
79	Single-molecule magnet behaviour in a Dy(<scp>iii</scp>) pentagonal bipyramidal complex with a quasi-linear Clâ€“Dyâ€“Cl sequence. Dalton Transactions, 2019, 48, 35-39.	3.3	18
80	Thermally Stable Half-Sandwich Benzhydryl Ln(II) (Ln = Sm, Yb) Complexes Supported by Sterically Demanding Carbazolyl and Fluorenyl Ligands. Organometallics, 2019, 38, 4615-4624.	2.3	18
81	Diazadienes in lanthanide chemistry: a new insight into old ligands. Synthesis, structures, and properties of complexes {[(R)CNC6H3Pri 2]2}Lu(THF)2(Î¼-Cl)2Li(THF)2 (R = CH3 or CH2). Russian Chemical Bulletin, 2008, 57, 2285-2290.	1.5	17
82	Neutral and Cationic Alkyl and Amido Group 3 Metal Complexes of Amidine-Amidopyridinate Ligands: Synthesis, Structure, and Polymerization Catalytic Activity. European Journal of Inorganic Chemistry, 2014, 2014, 4168-4178.	2.0	17
83	Selective Intermolecular Câ€“H Bond Activation: A Straightforward Synthetic Approach to Heteroalkyl Yttrium Complexes Containing a Bis(pyrazolyl)methyl Ligand. Organometallics, 2016, 35, 126-137.	2.3	17
84	Single-molecule magnet behavior in heterolopetic Dy³⁺-chloro-diazabutadiene complexes: influence of the nuclearity and ligand redox state. Dalton Transactions, 2020, 49, 11890-11901.	3.3	17
85	High magnetization reversal barriers in luminescent dysprosium octahedral and pentagonal bipyramidal single-molecule magnets based on fluorinated alkoxide ligands. Dalton Transactions, 2021, 50, 8487-8496.	3.3	17
86	Steric control on the redox chemistry of (Î·5-C9H7)2YbII(THF)2 by 6-aryl substituted iminopyridines. Dalton Transactions, 2011, 40, 10568.	3.3	16
87	Amido Analogues of Nonbent Lanthanide (II) and Calcium Metallocenes. Heterolytic Cleavage of Ï€-Bond Lnâ€“Carbazolyl Ligand Promoted by Lewis Base Coordination. Organometallics, 2015, 34, 555-562.	2.3	16
88	Bis(amido) rare-earth complexes coordinated by tridentate amidinate ligand: synthesis, structure and catalytic activity in the polymerization of isoprene and rac-lactide. RSC Advances, 2016, 6, 17913-17920.	3.6	16
89	Single-Molecule Magnet Behavior in Dy³⁺ Half-Sandwich Complexes Based on Ene-Diamido and Cp* Ligands. Organometallics, 2019, 38, 748-752.	2.3	16
90	Halfâ€Sandwich Alkyl, Amido, and Iodo Samarium(II) Complexes: Nonâ€Conventional Sterically Governed Oxidation of (tBu₄Carb)₂Sm. Chemistry - A European Journal, 2017, 23, 1436-1443.	3.3	15

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91	Alkali-Metal Alkyl Complexes with the Tridentate Benzhydryl Ligand [2,2â€²-(4-MeC6H4NMe2)2CH]â^'. Organometallics, 2018, 37, 1627-1634.	2.3	15
92	Synthesis, structure and magnetic properties of a series of Ln(<scp>iii</scp>) complexes with radical-anionic iminopyridine ligands: effect of lanthanide ions on the slow relaxation of the magnetization. Dalton Transactions, 2019, 48, 12018-12022.	3.3	15
93	Bis(alkyl) scandium and yttrium complexes coordinated by an amidopyridinate ligand: synthesis, characterization and catalytic performance in isoprene polymerization, hydroelementation and carbon dioxide hydrosilylation. Dalton Transactions, 2020, 49, 638-650.	3.3	15
94	Synthesis, molecular structure, and catalytic activity of borohydride complexes [(Me3Si)2NC(NPri)2]2Nd(BH4)2Li(thf)2 and [(Me3Si)2NC(NPri)2]2Sm(BH4)2Li(thf)2. Russian Chemical Bulletin, 2007, 56, 456-460.	1.5	14
95	Tandem C(sp²)â€“OMe Activation/C(sp²)â€“C(sp²) Coupling in Early Transition-Metal Complexes: Aromatic Câ€“O Activation beyond Late Transition Metals. Journal of the American Chemical Society, 2016, 138, 4350-4353.	13.7	14
96	Rareâ€Earth Complexes Coordinated by ansaâ€Bis(amidinate) Ligands with mâ€Phenylene, 2,6â€Pyridinediyl, and SiMe₂ Linkers. European Journal of Inorganic Chemistry, 2017, 2017, 4275-4284.	2.0	13
97	Amidinate bisborohydride complexes of rare-earth metals [6-Me-C5H3N-2-CH2C(NPri)2]Ln(BH4)2THF2 (Ln) Tj ETQq1 1 0.784314 rgB Bulletin, 2016, 65, 2832-2840.	1.5	12
98	Rareâ€Earth Amido and Borohydrido Complexes Supported by Tetradentate Amidinate Ligands: Synthesis, Structure, and Catalytic Activity in Polymerization of Cyclic Esters. European Journal of Inorganic Chemistry, 2019, 2019, 5008-5017.	2.0	12
99	Ln(<scp>ii</scp>) alkyl complexes: from elusive exotics to catalytic applications. Inorganic Chemistry Frontiers, 2021, 8, 2965-2986.	6.0	12
100	Rare-Earth Metal Complexes Supported by Nitrogen-Containing Ligands in Olefin Polymerization. Catalysis By Metal Complexes, 2011, , 119-152.	0.6	12
101	Single-molecule magnet behavior in luminescent carbazolyl Dy(<scp>iii</scp>) octahedral complexes with a quasi linear N^{â^'}â€“Dyâ€“N^{â^'}angle. Dalton Transactions, 2020, 49, 4039-4043.	3.3	11
102	New potentially tridentate amidinate ligand {o-MeOC6H4NC(Ph)N(SiMe3)}â^'. Synthesis and molecular structures of amidinate complexes of lithium [{o-MeOC6H4NC(Ph)N(SiMe3)}Li]2 and yttrium [{o-MeOC6H4NC(Ph)N(SiMe3)}YCl2(THF)2]2. Russian Chemical Bulletin, 2011, 60, 803-808.	1.5	10
103	Synthesis, Structure, Magnetic and Photoluminescent Properties of Dysprosium(III) Schiff Base Singleâ€Molecule Magnets: Investigation of the Relaxation of the Magnetization. Chemistry - an Asian Journal, 2020, 15, 2706-2715.	3.3	10
104	Calcium Amido Complexes Coordinated by Tridentate Amidinate Ligands: Synthesis, Structures and Catalytic Activity in Olefin Hydrophosphination and Polymerization of Cyclic Esters. European Journal of Inorganic Chemistry, 2019, 2019, 4289-4296.	2.0	9
105	Amido rare-earth(<scp>iii</scp>) and Ca(<scp>ii</scp>) complexes coordinated by tridentate amidinate ligands: synthesis, structure, and catalytic activity in the ring-opening polymerization of rac-lactide and Îµ-caprolactone. New Journal of Chemistry, 2020, 44, 7811-7822.	2.8	9
106	Molecular hydrides of samarium and europium LnH2(THF)2 (Ln=Sm or Eu): Synthesis and properties. Russian Chemical Bulletin, 2000, 49, 946-948.	1.5	8
107	Triketiminate bis(borohydride) complexes of rare-earth metals [(2,6-Me2C6H3N=CMe)2C(2,6-Me2C6H3N=CBut)]Ln(BH4)2(THF)2 (Ln = Y, Nd): synthesis, structure, and catalytic activity in polymerization of rac-lactide, Îµ-caprolactone, and isoprene. Russian Chemical Bulletin, 2017, 66, 1665-1674.	1.5	8
108	Bis(alkyl) Sc and Y Complexes Supported by Triâ€•and Tetradentate Amidinate Ligands: Synthesis, Structure, and Catalytic Activity in Î±â€Olefin and Isoprene Polymerization. European Journal of Inorganic Chemistry, 2021, 2021, 2365-2373.	2.0	8

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109	Synthesis and properties of bis(indenyl) derivatives of ytterbium and lutetium. Molecular structures of the complexes (C9H7)2Ln(Î¼-Cl)2Li(Et2O)2 (Ln = Yb, Lu) and [(C9H7)2YbCl2][Li(DME)3]. Russian Chemical Bulletin, 2008, 57, 40-46.	1.5	7
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