

Alexander A Trifonov

List of Publications by Year in descending order

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168
papers

4,140
citations

101543

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54
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172
docs citations

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times ranked

1869
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 2-Imino-2,3-dihydrobenzoxazole a useful platform for designing rare- and alkaline earth complexes with variable di- and trianionic O,N,N, ligands. Dalton Transactions, 2022, 51, 1995-2004. | 3.3 | 4 |
| 2 | Using N-Heterocyclic Carbenes as Weak Equatorial Ligands to Design Single-Molecule Magnets: Zero-Field Slow Relaxation in Two Octahedral Dysprosium(III) Complexes. Inorganic Chemistry, 2022, 61, 1264-1269. | 4.0 | 5 |
| 3 | Amine-boranes reactions promoted by lanthanide(III) ions. Chemical Communications, 2022, 58, 859-862. | 4.1 | 4 |
| 4 | Thermally Stable Cationic Bis(benzhydryl) Complexes of Early Lanthanides (La, Ce, Nd). Organometallics, 2022, 41, 820-828. | 2.3 | 4 |
| 5 | 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 |
| 6 | Sc and Y bis(alkyl) complexes supported by bidentate and tridentate amidinate ligands. Synthesis, structure and catalytic activity in polymerization of isoprene and 1-heptene. Dalton Transactions, 2022, 51, 7723-7731. | 3.3 | 1 |
| 7 | Synthesis, structure, and properties of the Sc chloride complex coordinated by the tridentate bis(phenolate)-tethered NHC ligand. Russian Chemical Bulletin, 2022, 71, 306-313. | 1.5 | 3 |
| 8 | N-Heterocyclic Carbene-Coordinated M(II) (M = Yb, Sm, Ca) Bisamides: Expanding the Limits of Intermolecular Alkene Hydrophosphination. Inorganic Chemistry, 2022, 61, 9147-9161. | 4.0 | 6 |
| 9 | An unusual mechanism of building up of a high magnetization blocking barrier in an octahedral alkoxide Dy ³⁺ -based single-molecule magnet. Inorganic Chemistry Frontiers, 2021, 8, 1166-1174. | 6.0 | 37 |
| 10 | Ln(III) alkyl complexes: from elusive exotics to catalytic applications. Inorganic Chemistry Frontiers, 2021, 8, 2965-2986. | 6.0 | 12 |
| 11 | 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 |
| 12 | Yttrium and Lithium Keto- β^2 -Diketiminato Complexes $\{[2,6\text{-Me}_2\text{C}_6\text{H}_3\text{N}=\text{C}(\text{Me})_2\text{C}(\text{O}i\text{-Pr})_2\text{Y}(\text{Cl})_2\text{Li}(\text{THF})_2\text{ and } \{[2,6\text{-Me}_2\text{C}_6\text{H}_3\text{N}=\text{C}(\text{Me})_2\text{C}(\text{O}i\text{-Pr})_2\text{Li}(\text{THF})_n\}$. Synthesis, Molecular Structures, and Catalytic Activity in μ -Caprolactone Polymerization. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 144-154. | 1.0 | 1 |
| 13 | Bis(tetramethylaluminate) Lanthanide Complexes Supported by Bi- and Tridentate Amidinate Ligands: Performance in Isoprene Polymerization. Organometallics, 2021, 40, 979-988. | 2.3 | 6 |
| 14 | Coordination Features of the 1,3,5-Triazapentadienyl Ligand in Alkyl Complexes of Rare-Earth Metals. European Journal of Inorganic Chemistry, 2021, 2021, 2390-2400. | 2.0 | 3 |
| 15 | Highly basic alkyl-substituted bis(benzhydryl) CaII and YbII complexes with $\beta^2\text{-CH}_2\text{-M}$ agostic interactions. Mendeleev Communications, 2021, 31, 334-336. | 1.6 | 4 |
| 16 | Alkyl complexes of divalent lanthanides and heavy alkaline earth metals. Russian Chemical Reviews, 2021, 90, 529-565. | 6.5 | 20 |
| 17 | Synthesis and structure of DyIII 2,2-bis[2-(dimethylamino)-5-methylphenyl]acetate complexes. Russian Chemical Bulletin, 2021, 70, 818-829. | 1.5 | 0 |
| 18 | Highly basic alkyl-substituted bis(benzhydryl) CaII and YbII complexes with $\beta^2\text{-CH}_2\text{-M}$ agostic interactions. Mendeleev Communications, 2021, 31, 334-336. | 1.6 | 1 |

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|----|--|-----|-----------|
| 19 | Synthesis, Structures and Magnetic Properties of two Heteroleptic Dy ³⁺ Borohydride Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3008-3012. | 2.0 | 6 |
| 20 | Bis(alkyl) Sc and Y Complexes Supported by Tri- and Tetradentate Amidinate Ligands: Synthesis, Structure, and Catalytic Activity in Olefin and Isoprene Polymerization. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2365-2373. | 2.0 | 8 |
| 21 | Bis(tetramethylaluminate) Lanthanide Complexes Supported by Amidinate Ligands with a Pendant Ph ₂ P-X (X = O, S) Group: Application in Isoprene Polymerization. <i>Organometallics</i> , 2021, 40, 2567-2575. | 2.3 | 2 |
| 22 | Sandwich and Half-Sandwich Ln(II) (Ln = Sm, Yb) Complexes with Bulky Fluorenyl Ligands. Competitive Abstraction of H or SiMe ₃ from 2,7-t-Bu-9-SiMe ₃ -Fluorene by an Amido Anion. <i>Organometallics</i> , 2021, 40, 3042-3049. | 2.3 | 4 |
| 23 | Salt metathesis reactions of LnCl ₃ (Sc, Y vs. Sm, Yb) with potassium diphenylmethanide {[2,2-(4-MeC ₆ H ₃ NMe ₂) ₂ CH]K(THF)} ₂ . <i>Mendeleev Communications</i> , 2021, 31, 54-57. | 1.6 | 6 |
| 24 | Synthesis and structures of 4,5-dimethyl-1,3-bis(pyridin-2-ylmethyl)-1H-imidazolium chloride and 1,1-bis(pyridin-2-ylmethyl)-2,2-bis(4,5-dimethylimidazole). <i>Russian Chemical Bulletin</i> , 2021, 70, 1957-1963. | 1.5 | 1 |
| 25 | Reactions of alkali metal diphenylmethanides [(3,5-Bu ₂ -2-MeO-C ₆ H ₂) ₂ CH]M (M = Li, K) with LnCl ₃ . The synthesis and structure of the complex [(3,5-Bu ₂ -2-MeO-C ₆ H ₂) ₂ CH] ₂ ScCl. <i>Russian Chemical Bulletin</i> , 2021, 70, 2110-2118. | 1.5 | 0 |
| 26 | Bis(alkyl) scandium and yttrium complexes coordinated by an amidopyridinate ligand: synthesis, characterization and catalytic performance in isoprene polymerization, hydroelementation and carbon dioxide hydrosilylation. <i>Dalton Transactions</i> , 2020, 49, 638-650. | 3.3 | 15 |
| 27 | Synthesis and structure of half-sandwich Sm(II) and Y(II) cyclopentadienyl halide complexes with the penta(benzyl)cyclopentadienyl ligand. <i>Russian Chemical Bulletin</i> , 2020, 69, 1085-1091. | 1.5 | 3 |
| 28 | Neodymium monochloride and monoallyl complexes {2-[Ph ₂ P(O)]C ₆ H ₄ NC(But)N(2,6-Me ₂ C ₆ H ₃)} ₂ NdR (R) of cyclic esters. <i>Russian Chemical Bulletin</i> , 2020, 69, 1114-1121. | 1.5 | 6 |
| 29 | A Carbazolyl Dy(III) Half-Sandwich Complex Showing Single-Molecule-Magnet Behavior. <i>Organometallics</i> , 2020, 39, 2785-2790. | 2.3 | 4 |
| 30 | Sc and Y Heteroalkyl Complexes with a NC ₃ N Pincer-Type Diphenylmethanido Ligand: Synthesis, Structure, and Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3259-3267. | 2.0 | 5 |
| 31 | Synthesis and Molecular Structure of Binuclear ansa-Bis(amidinate) Ytterbium Complex [1,3-C ₆ H ₄ {NC(Ph)N(SiMe ₃) ₂ } ₂] ₂ Yb ₂ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020, 46, 528-533. | 1.0 | 0 |
| 32 | Single-molecule magnet behavior in heteroleptic Dy ³⁺ -chloro-diazabutadiene complexes: influence of the nuclearity and ligand redox state. <i>Dalton Transactions</i> , 2020, 49, 11890-11901. | 3.3 | 17 |
| 33 | Ln(III) amido complexes coordinated by ring-expanded N-heterocyclic carbenes promising catalysts for olefin hydrophosphination. <i>Chemical Communications</i> , 2020, 56, 12913-12916. | 4.1 | 21 |
| 34 | Tris(benzhydryl) and Cationic Bis(benzhydryl) Ln(III) Complexes: Exceptional Thermostability and Catalytic Activity in Olefin Hydroarylation and Hydrobenzylation with Substituted Pyridines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5432-5443. | 4.3 | 19 |
| 35 | Ln(III) and Ca(II) NC ₃ N pincer type diarylmethanido complexes promising catalysts for C-C and C-E (E = Si, P, N, S) bond formation. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2459-2477. | 6.0 | 23 |
| 36 | Investigation of the slow relaxation of the magnetization dynamics in homoleptic ene-diamido organodysprosium(III) complexes with K ⁺ /arene interactions. <i>CrystEngComm</i> , 2020, 22, 4260-4267. | 2.6 | 6 |

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|----|--|------|-----------|
| 37 | Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. <i>Crystal Growth and Design</i> , 2020, 20, 5184-5192. | 3.0 | 4 |
| 38 | Synthesis, Structure, Magnetic and Photoluminescent Properties of Dysprosium(III) Schiff Base Single-Molecule Magnets: Investigation of the Relaxation of the Magnetization. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2706-2715. | 3.3 | 10 |
| 39 | Synthesis, structure, magnetic and luminescence properties of two dysprosium single-molecule magnets based on phenoxide dye ligands. <i>CrystEngComm</i> , 2020, 22, 1909-1913. | 2.6 | 2 |
| 40 | Single-molecule magnet behavior in luminescent carbazolyl Dy(III) octahedral complexes with a quasi linear N ₃ -Dy-N ₃ angle. <i>Dalton Transactions</i> , 2020, 49, 4039-4043. | 3.3 | 11 |
| 41 | Amido rare-earth(III) and Ca(II) complexes coordinated by tridentate amidinate ligands: synthesis, structure, and catalytic activity in the ring-opening polymerization of <i>rac</i> -lactide and μ -caprolactone. <i>New Journal of Chemistry</i> , 2020, 44, 7811-7822. | 2.8 | 9 |
| 42 | Ca(II), Yb(II) and Sm(II) Bis(Amido) Complexes Coordinated by NHC Ligands: Efficient Catalysts for Highly Regio- and Chemoselective Consecutive Hydrophosphinations with PH ₃ . <i>Chemistry - A European Journal</i> , 2019, 25, 459-463. | 3.3 | 33 |
| 43 | Calcium Amido Complexes Coordinated by Tridentate Amidinate Ligands: Synthesis, Structures and Catalytic Activity in Olefin Hydrophosphination and Polymerization of Cyclic Esters. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4289-4296. | 2.0 | 9 |
| 44 | Synthesis, structure and magnetic properties of a series of Ln(III) complexes with radical-anionic iminopyridine ligands: effect of lanthanide ions on the slow relaxation of the magnetization. <i>Dalton Transactions</i> , 2019, 48, 12018-12022. | 3.3 | 15 |
| 45 | Deprotonation of 1,1'-methylenebis[4-tert-butyl-2-(diphenylphosphino)-benzene] and its analogues: synthesis and crystal structure of {5-But-2-[4-But-2-(Ph ₂ P)C ₆ H ₃ (Ph)CH]C ₆ H ₃ P(Ph)K(OEt ₂) ₂ }. <i>Mendeleev Communications</i> , 2019, 29, 331-333. | 1.6 | 2 |
| 46 | Celebrating the 150th Anniversary of the Periodic Table of Chemical Elements: 5th EuChemS Inorganic Chemistry Conference. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4166-4169. | 2.0 | 1 |
| 47 | Cleavage of B-C bonds and Anion [PhBH ₃] ⁻ Formation in the Reaction of the Yb(II) Hydride Complex with BPh ₃ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 728-733. | 1.0 | 5 |
| 48 | Single-molecule magnet behaviour in a Dy(III) pentagonal bipyramidal complex with a quasi-linear Cl-Dy-Cl sequence. <i>Dalton Transactions</i> , 2019, 48, 35-39. | 3.3 | 18 |
| 49 | Rare-earth metal complexes as catalysts for ring-opening polymerization of cyclic esters. <i>Coordination Chemistry Reviews</i> , 2019, 392, 83-145. | 18.8 | 128 |
| 50 | Alternative (1-N:1-6-arene vs. 2-N,N) coordination of a sterically demanding amidinate ligand: are size and electronic structure of the Ln ion decisive factors?. <i>Dalton Transactions</i> , 2019, 48, 8317-8326. | 3.3 | 4 |
| 51 | Synthesis of New Bulky Bis(amidine) with the Conformationally Rigid meta-Phenylene Bridge and Its Dilithium Derivative [1,3-C ₆ H ₄ {NC(Ph)N(2,6-iso-Pr ₂ C ₆ H ₃) ₂ } ₂ Li ₂ (TMEDA) ₂ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 288-294. | 1.0 | 4 |
| 52 | Neodymium dihalide complexes with a tridentate amidinate phosphine oxide ligand: synthesis, structure, and catalytic activity in isoprene polymerization. <i>Russian Chemical Bulletin</i> , 2019, 68, 32-39. | 1.5 | 5 |
| 53 | Hydrogenation of C=C and C=N Bonds of the Amide-Imine Ligand in the Metal Coordination Sphere in the Reaction of Yttrium Bis(alkyl) Complex [2,6-iso-Pr ₂ C ₆ H ₃ NC(=CH ₂)C(Me)=NC ₆ H ₃ -iso-Pr ₂ -2,6]Y(CH ₂ SiMe ₃) ₂ (THF) with Molecular Hydrogen. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2019, 45, 266-272. | 1.0 | 1 |
| 54 | Thermally Stable Ln(II) and Ca(II) Bis(benzhydryl) Complexes: Excellent Precatalysts for Intermolecular Hydrophosphination of C=C Multiple Bonds. <i>Inorganic Chemistry</i> , 2019, 58, 5325-5334. | 4.0 | 41 |

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|----|---|------|-----------|
| 55 | Thermally Stable Half-Sandwich Benzhydryl Ln(II) (Ln = Sm, Yb) Complexes Supported by Sterically Demanding Carbazolyl and Fluorenyl Ligands. <i>Organometallics</i> , 2019, 38, 4615-4624. | 2.3 | 18 |
| 56 | Rare-Earth Amido and Borohydrido Complexes Supported by Tetradentate Amidinate Ligands: Synthesis, Structure, and Catalytic Activity in Polymerization of Cyclic Esters. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5008-5017. | 2.0 | 12 |
| 57 | Dysprosium Single-Molecule Magnets with Bulky Schiff Base Ligands: Modification of the Slow Relaxation of the Magnetization by Substituent Change. <i>Chemistry - A European Journal</i> , 2019, 25, 474-478. | 3.3 | 27 |
| 58 | Benzoimidazole-Pyridylamido Zirconium and Hafnium Alkyl Complexes as Homogeneous Catalysts for Tandem Carbon Dioxide Hydrosilylation to Methane. <i>ChemCatChem</i> , 2019, 11, 495-510. | 3.7 | 27 |
| 59 | Single-Molecule Magnet Behavior in Dy ³⁺ Half-Sandwich Complexes Based on Ene-Diamido and Cp* Ligands. <i>Organometallics</i> , 2019, 38, 748-752. | 2.3 | 16 |
| 60 | Rare-Earth and Alkaline Earth Metal Complexes in Catalysis of Intermolecular HydroPhosphination of Multiple Carbon-Carbon Bonds. <i>Ineos Open</i> , 2019, 2, . | 0.7 | 1 |
| 61 | Synthesis, structure and magnetic properties of tris(pyrazolyl)methane lanthanide complexes: effect of the anion on the slow relaxation of magnetization. <i>Dalton Transactions</i> , 2018, 47, 5153-5156. | 3.3 | 23 |
| 62 | Amido Ca and Yb(II) Complexes Coordinated by Amidine-Amidopyridinate Ligands for Catalytic Intermolecular Olefin Hydrophosphination. <i>Inorganic Chemistry</i> , 2018, 57, 2942-2952. | 4.0 | 33 |
| 63 | Steric control in the metal-ligand electron transfer of iminopyridine-ylterbocene complexes. <i>Dalton Transactions</i> , 2018, 47, 1566-1576. | 3.3 | 7 |
| 64 | Rare-earth metal-mediated PhC≡N insertion into <i>N,N</i> -bis(trimethylsilyl)naphthalene-1,8-diamido dianion – a synthetic approach to complexes coordinated by <i>ansa</i> -bridged amido-amidinato ligand. <i>Dalton Transactions</i> , 2018, 47, 438-451. | 3.3 | 4 |
| 65 | Amido Ca complexes supported by Schiff base ligands for catalytic cross-dehydrogenative coupling of amines with silanes. <i>Dalton Transactions</i> , 2018, 47, 12570-12581. | 3.3 | 24 |
| 66 | Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018, 87, 393-507. | 6.5 | 157 |
| 67 | Synthesis and molecular structures of Yb(II) and Ca bis(amidinate) complexes containing the tridentate amidinate ligand [2,6-Pri ₂ C ₆ H ₃ NC(But)NC ₆ H ₄ OMe-2]. <i>Russian Chemical Bulletin</i> , 2018, 67, 455-460. | 1.5 | 6 |
| 68 | Alkali-Metal Alkyl Complexes with the Tridentate Benzhydryl Ligand [2,2-(4-MeC ₆ H ₄ NMe ₂) ₂ CH] ⁻ . <i>Organometallics</i> , 2018, 37, 1627-1634. | 2.3 | 15 |
| 69 | (Amido)- and (Chlorido)titanium and -zirconium Complexes Coordinated by <i>ansa</i> -Bis(amidinate) Ligands with a Rigid <i>o</i> -Phenylene Linker. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2736-2744. | 2.0 | 3 |
| 70 | An organolanthanide single-molecule magnet with an axial crystal-field: influence of the Raman process over the slow relaxation. <i>Chemical Communications</i> , 2017, 53, 4706-4709. | 4.1 | 43 |
| 71 | Rare-Earth Complexes Coordinated by <i>ansa</i> -Bis(amidinate) Ligands with <i>m</i> -Phenylene, 2,6-Pyridinediyl, and SiMe ₂ Linkers. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4275-4284. | 2.0 | 13 |
| 72 | A quarter-century long story of bis(alkyl) rare-earth (III) complexes. <i>Coordination Chemistry Reviews</i> , 2017, 340, 10-61. | 18.8 | 88 |

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|----|---|------|-----------|
| 73 | Half sandwich Alkyl, Amido, and Iodo Samarium(II) Complexes: Nonconventional Sterically Governed Oxidation of $\text{C}_4\text{H}_9\text{C}(\text{C}_6\text{H}_5)_2\text{C}(\text{C}_6\text{H}_5)_2\text{Sm}$. <i>Chemistry - A European Journal</i> , 2017, 23, 1436-1443. | 3.3 | 15 |
| 74 | Triketimate bis(borohydride) complexes of rare-earth metals $[(2,6\text{-Me}_2\text{C}_6\text{H}_3\text{N}=\text{CMe})_2\text{C}(2,6\text{-Me}_2\text{C}_6\text{H}_3\text{N}=\text{CBut})]\text{Ln}(\text{BH}_4)_2(\text{THF})_2$ (Ln = Y, Nd): synthesis, structure, and catalytic activity in polymerization of rac-lactide, μ -caprolactone, and isoprene. <i>Russian Chemical Bulletin</i> , 2017, 66, 1665-1674. | 1.5 | 8 |
| 75 | Yttrium complexes containing heteroscorpionate ligands $[(3,5\text{-But}_2\text{C}_3\text{HN}_2)_2\text{CHC}(\text{Ph})_2\text{O}]^{\ominus}$ and $[\text{o-Me}_2\text{NC}_6\text{H}_4\text{CH}_2\text{C}(\text{NCy})_2]^{\ominus}$. <i>Russian Chemical Bulletin</i> , 2016, 65, 1189-1197. | 1.5 | 3 |
| 76 | Bis(alkyl) rare-earth complexes coordinated by bulky tridentate amidinate ligands bearing pendant $\text{Ph}_2\text{P}(\text{O})$ and $\text{Ph}_2\text{P}(\text{NR})$ groups. Synthesis, structures and catalytic activity in stereospecific isoprene polymerization. <i>Dalton Transactions</i> , 2016, 45, 18572-18584. | 3.3 | 21 |
| 77 | Amino Ether Phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes. <i>Organometallics</i> , 2016, 35, 3261-3271. | 2.3 | 36 |
| 78 | Yb(II) Triple-Decker Complex with the η^4 -Bridging Naphthalene Dianion $[\text{Cp}^*\text{Bn}_5\text{Yb}(\text{DME})_2(\eta^4\text{-I}^{\text{sup}}_4\text{-C}_{10}\text{H}_8)]$. Oxidative Substitution of $[\text{C}_{10}\text{H}_8]^{\text{sup}2\ominus}$ by 1,4-Diphenylbuta-1,3-diene and P_4 and Protonolysis of the $\text{Yb-C}_{10}\text{H}_8$ Bond by PhPH_2 . <i>Organometallics</i> , 2016, 35, 2401-2409. | 2.3 | 25 |
| 79 | Use of organolanthanides in the catalytic intermolecular hydrophosphination and hydroamination of multiple C=C bonds. <i>Dalton Transactions</i> , 2016, 45, 19172-19193. | 3.3 | 73 |
| 80 | Scandium, yttrium, and ytterbium bisalkyl complexes stabilized by monoanionic amidopyridinate ligands. <i>Russian Chemical Bulletin</i> , 2016, 65, 2594-2600. | 1.5 | 5 |
| 81 | Rare-earth metal dichloride and bis(alkyl) complexes containing amidinate-amidopyridinate ligands: synthesis, structure, and reactivity. <i>Russian Chemical Bulletin</i> , 2016, 65, 2805-2811. | 1.5 | 1 |
| 82 | Amidinate bisborohydride complexes of rare-earth metals $[6\text{-Me-C}_5\text{H}_3\text{N-2-CH}_2\text{C}(\text{NPr}_i)_2]\text{Ln}(\text{BH}_4)_2\text{THF}_2$ (Ln) <i>Tj ETQq0 0 0 rgBT /Overlock Bulletin</i> , 2016, 65, 2832-2840. | 1.5 | 12 |
| 83 | Tandem $\text{C}(\text{sp}^2)\text{-OMe Activation/C}(\text{sp}^2)\text{-C}(\text{sp}^2)$ Coupling in Early Transition-Metal Complexes: Aromatic C=O Activation beyond Late Transition Metals. <i>Journal of the American Chemical Society</i> , 2016, 138, 4350-4353. | 13.7 | 14 |
| 84 | Bis(amido) rare-earth complexes coordinated by tridentate amidinate ligand: synthesis, structure and catalytic activity in the polymerization of isoprene and rac-lactide. <i>RSC Advances</i> , 2016, 6, 17913-17920. | 3.6 | 16 |
| 85 | 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. <i>Inorganic Chemistry</i> , 2016, 55, 1236-1244. | 4.0 | 59 |
| 86 | Selective Intermolecular C-H Bond Activation: A Straightforward Synthetic Approach to Heteroalkyl Yttrium Complexes Containing a Bis(pyrazolyl)methyl Ligand. <i>Organometallics</i> , 2016, 35, 126-137. | 2.3 | 17 |
| 87 | Bisborohydride yttrium complexes containing amidinate ligands $[\text{o-Me}_2\text{NC}_6\text{H}_4\text{CH}_2\text{C}(\text{NR})_2]\text{Y}(\text{BH}_4)_2\text{Ln}(\text{R})$ <i>Tj ETQq1 1 0.784314 rgBT</i> of rac-lactide and isoprene. <i>Russian Chemical Bulletin</i> , 2015, 64, 2872-2878. | 1.5 | 3 |
| 88 | Amido Analogues of Nonbent Lanthanide (II) and Calcium Metallocenes. Heterolytic Cleavage of I-E Bond Ln-Carbazolyl Ligand Promoted by Lewis Base Coordination. <i>Organometallics</i> , 2015, 34, 555-562. | 2.3 | 16 |
| 89 | Metallacyclic yttrium alkyl and hydrido complexes: synthesis, structures and catalytic activity in intermolecular olefin hydrophosphination and hydroamination. <i>Dalton Transactions</i> , 2015, 44, 12137-12148. | 3.3 | 65 |
| 90 | Highly Active, Chemo- and Regioselective $\text{Yb}^{\text{sup}II}$ and $\text{Sm}^{\text{sup}II}$ Catalysts for the Hydrophosphination of Styrene with Phenylphosphine. <i>Chemistry - A European Journal</i> , 2015, 21, 6033-6036. | 3.3 | 40 |

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|-----|--|-----|-----------|
| 91 | Base-Free Lanthanoidocenes(II) Coordinated by Bulky Pentabenzylcyclopentadienyl Ligands. <i>Organometallics</i> , 2015, 34, 1991-1999. | 2.3 | 22 |
| 92 | Ytterbium(III) Complexes Coordinated by Dianionic 1,4-Diazabutadiene Ligands. <i>Organometallics</i> , 2015, 34, 1177-1185. | 2.3 | 28 |
| 93 | An Organoytterbium(III) Complex Exhibiting Field-Induced Single-Ion-Magnet Behavior. <i>Inorganic Chemistry</i> , 2015, 54, 7667-7669. | 4.0 | 29 |
| 94 | 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. <i>Dalton Transactions</i> , 2015, 44, 16465-16474. | 3.3 | 26 |
| 95 | Synthesis, structure, and properties of rare earth chloride complexes $\{[Ap^AY(THF)](\frac{1}{4}2-Cl)2(\frac{1}{4}3-Cl)Li(THF)2\}2$, $\{[Ap^9MeLn(THF)](\frac{1}{4}2-Cl)3Li(THF)2\}2$ (Ln = Y, Nd, Sm), and $\{[Ap^*Ln(THF)](\frac{1}{4}2-Cl)3Li(THF)2\}2$ (Ln = Nd, Sm) containing amidopyridinate ligands. <i>Russian Chemical Bulletin</i> , 2015, 64, 618-625. | 1.5 | 6 |
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