

Reiner Anwander

List of Publications by Year in descending order

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191
papers

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3077
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Half-Sandwich Complexes [Cp ² Ln ₄ Ln ₈] ₄ (Ln=Ce, Tj) ETQq1 1 0.784314 rgBT/C Chemistry, 2022, 2022, . | 2.0 | 1 |
| 2 | Yttrium tris(trimethylsilylmethyl) complexes grafted onto MCM-48 mesoporous silica nanoparticles. Dalton Transactions, 2022, 51, 1070-1085. | 3.3 | 4 |
| 3 | Chromous siloxides of variable nuclearity and magnetism. Dalton Transactions, 2022, 51, 5072-5081. | 3.3 | 0 |
| 4 | Cerium cyclotrisilazides. Australian Journal of Chemistry, 2022, , . | 0.9 | 0 |
| 5 | Open-Shell Early Lanthanide Terminal Imides. Journal of the American Chemical Society, 2022, 144, 4102-4113. | 13.7 | 14 |
| 6 | Cerium-quinone redox couples put under scrutiny. Chemical Science, 2021, 12, 1343-1351. | 7.4 | 9 |
| 7 | Polymeric dimethylytterbium and the terminal methyl complex (TptBu,Me)Yb(CH ₃)(thf). Chemical Communications, 2021, 57, 243-246. | 4.1 | 8 |
| 8 | Rare-earth-metallocene alkylaluminates trigger distinct tetrahydrofuran activation. Chemical Communications, 2021, 57, 7918-7921. | 4.1 | 1 |
| 9 | Effect of Substituents of Cerium Pyrazolates and Pyrrolates on Carbon Dioxide Activation. Molecules, 2021, 26, 1957. | 3.8 | 2 |
| 10 | Tuning Organocerium Electrochemical Potentials by Extending Tris(cyclopentadienyl) Scaffolds with Terminal Halogenido, Siloxy, and Alkoxy Ligands. Organometallics, 2021, 40, 1786-1800. | 2.3 | 11 |
| 11 | CeCl ₃ / n n-BuLi: EntrÄtselung von Imamotos Organocer-Reagenz. Angewandte Chemie, 2021, 133, 15750-15760. | 2.0 | 2 |
| 12 | CeCl ₃ / n-BuLi: Unraveling Imamoto's Organocerium Reagent. Angewandte Chemie - International Edition, 2021, 60, 15622-15631. | 13.8 | 13 |
| 13 | Äoerber Takais Olefinierungsreagenz hinaus: Anhaltende Dehalogenierung mÄ¼ndet in einem Chrom(III)-Methylidin-Komplex. Angewandte Chemie, 2021, 133, 20202-20208. | 2.0 | 0 |
| 14 | Beyond Takai's Olefination Reagent: Persistent Dehalogenation Emerges in a Chromium(III)-Methylidyne Complex. Angewandte Chemie - International Edition, 2021, 60, 20049-20054. | 13.8 | 3 |
| 15 | The Alkylaluminum/Gallate Trap: Metalation of Benzene by Heterobimetallic Yttrocene Complexes [Cp* ₂ Y(MMe ₃ R)] (M = Al, Ga). Inorganic Chemistry, 2021, 60, 14952-14968. | 4.0 | 4 |
| 16 | Buta- and Pentadienyl Complexes of the Group 3 Metals and Lanthanides. , 2021, , . | | 0 |
| 17 | Pentamethylcyclopentadienyl Complexes of Cerium(IV): Synthesis, Reactivity, and Electrochemistry. Inorganic Chemistry, 2021, 60, 18211-18224. | 4.0 | 9 |
| 18 | Rare-earth metal-promoted (double) C-H-bond activation of a lutidiny-functionalized alkoxy ligand: formation of [ONC] pincer-type ligands and implications for isoprene polymerization. Dalton Transactions, 2020, 49, 2004-2013. | 3.3 | 6 |

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|----|--|------|-----------|
| 19 | Effective and Reversible Carbon Dioxide Insertion into Cerium Pyrazolates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5830-5836. | 13.8 | 40 |
| 20 | A Facile Route toward Ceric Silylamide [Ce{N(SiHMe ₂) ₂ } ₄]. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 101-106. | 2.0 | 11 |
| 21 | A Rare-Earth-Metal Ensemble of the Tebbe Reagent: Scope of Coligands and Carbonyl Olefination. <i>Organometallics</i> , 2020, 39, 3490-3504. | 2.3 | 8 |
| 22 | Cerium Pyrazolates Grafted onto Mesoporous Silica SBA-15: Reversible CO ₂ Uptake and Catalytic Cycloaddition of Epoxides and Carbon Dioxide. <i>Inorganic Chemistry</i> , 2020, 59, 14605-14614. | 4.0 | 18 |
| 23 | Carbonyl group and carbon dioxide activation by rare-earth-metal complexes. <i>Dalton Transactions</i> , 2020, 49, 17472-17493. | 3.3 | 22 |
| 24 | Scandium bis(trimethylsilyl)methyl complexes revisited: extending the ⁴⁵ Sc NMR chemical shift range and a new structural motif of Li[CH(SiMe ₃) ₂]. <i>Dalton Transactions</i> , 2020, 49, 7829-7841. | 3.3 | 13 |
| 25 | Trivalent Rare-Earth Metal Amide Complexes as Catalysts for the Hydrosilylation of Benzophenone Derivatives with HN(SiHMe ₂) ₂ by Amine-Exchange Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 14130-14136. | 3.3 | 9 |
| 26 | Effective and Reversible Carbon Dioxide Insertion into Cerium Pyrazolates. <i>Angewandte Chemie</i> , 2020, 132, 5879-5885. | 2.0 | 6 |
| 27 | SOMC@Periodic Mesoporous Silica Nanoparticles: Meerwein-Ponndorf-Verley Reduction Promoted by Immobilized Rare-Earth-Metal Alkoxides. <i>Organometallics</i> , 2020, 39, 1046-1058. | 2.3 | 9 |
| 28 | Emergence of a New [NNN] Pincer Ligand via Si-H Bond Activation and ¹²⁹ Xe Hydride Abstraction at Tetravalent Cerium. <i>Chemistry - A European Journal</i> , 2020, 26, 12194-12205. | 3.3 | 7 |
| 29 | Nanoscale Organolanthanum Clusters: Nuclearity-Directing Role of Cyclopentadienyl and Halogenido Ligands. <i>Chemistry - A European Journal</i> , 2020, 26, 10834-10840. | 3.3 | 5 |
| 30 | Gold-Loaded Mesoporous Organosilica-Silica Core-Shell Nanoparticles as Catalytic Nanoreactors. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3967-3976. | 2.0 | 10 |
| 31 | Rare-Earth Metal Diimide Complexes via Alkylaluminum Templating, Including a Ceric Derivative. <i>Chemistry - A European Journal</i> , 2019, 25, 507-511. | 3.3 | 6 |
| 32 | Frontispiece: Chasing Multiple Bonding Interactions between Alkaline-Earth Metals and Main-Group Fragments. <i>Chemistry - A European Journal</i> , 2019, 25, . | 3.3 | 0 |
| 33 | Implications of Indenyl Substitution for the Structural Chemistry of Rare-Earth Metal (Half)-Sandwich Complexes and Performance in Living Isoprene Polymerization. <i>Organometallics</i> , 2019, 38, 3007-3017. | 2.3 | 12 |
| 34 | Trimethylscandium. <i>Journal of the American Chemical Society</i> , 2019, 141, 13931-13940. | 13.7 | 32 |
| 35 | C-H-Bond Activation and Isoprene Polymerization Studies Applying Pentamethylcyclopentadienyl-Supported Rare-Earth-Metal Bis(Tetramethylaluminum) and Dimethyl Complexes. <i>Molecules</i> , 2019, 24, 3703. | 3.8 | 6 |
| 36 | Mixed Methyl Aryloxy Rare-Earth-Metal Complexes Stabilized by a Superbulky Tris(pyrazolyl)borato Ligand. <i>Organometallics</i> , 2019, 38, 4485-4496. | 2.3 | 6 |

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|----|--|------|-----------|
| 37 | Potential Precursors for Terminal Methylidene Rare-Earth-Metal Complexes Supported by a Superbulky Tris(pyrazolyl)borato Ligand. <i>Chemistry - A European Journal</i> , 2019, 25, 14711-14720. | 3.3 | 8 |
| 38 | Bildung und Reaktivität eines Aluminabenzol-Liganden an Seltenerdmetall-Pentadienyl-Komplexen. <i>Angewandte Chemie</i> , 2019, 131, 1528-1532. | 2.0 | 6 |
| 39 | Pentadienyl migration and abstraction in yttrium aluminabenzene complexes including a single-component catalyst for isoprene polymerization. <i>Chemical Communications</i> , 2019, 55, 7089-7092. | 4.1 | 11 |
| 40 | Calcium Tetraalkylaluminum and Tetramethylgallate Complexes Supported by the Bulky Scorpionate Ligand TptBu ₃ Me. <i>Organometallics</i> , 2019, 38, 1614-1621. | 2.3 | 10 |
| 41 | Chasing Multiple Bonding Interactions between Alkaline-Earth Metals and Main-Group Fragments. <i>Chemistry - A European Journal</i> , 2019, 25, 8190-8202. | 3.3 | 14 |
| 42 | Galliummethylen. <i>Angewandte Chemie</i> , 2019, 131, 8290-8294. | 2.0 | 2 |
| 43 | Gallium Methylene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8206-8210. | 13.8 | 9 |
| 44 | 1,3-Diene Polymerization Promoted by Half-Sandwich Rare-Earth-Metal Dimethyl Complexes: Active Species Clustering and Cationization/Deactivation Processes. <i>Chemistry - A European Journal</i> , 2019, 25, 7298-7302. | 3.3 | 17 |
| 45 | Rare-Earth-Metal Pentadienyl Half-Sandwich and Sandwich Tetramethylaluminates—Synthesis, Structure, Reactivity, and Performance in Isoprene Polymerization. <i>Chemistry - A European Journal</i> , 2019, 25, 4821-4832. | 3.3 | 17 |
| 46 | Rare-earth metal and actinide organoimide chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 5752-5805. | 38.1 | 73 |
| 47 | Titanium(IV) Catecholate-Grafted Mesoporous Silica KIT-6: Probing Sequential and Convergent Immobilization Approaches. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 682-692. | 2.0 | 7 |
| 48 | Formation and Reactivity of an Aluminabenzene Ligand at Pentadienyl-Supported Rare-Earth Metals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1515-1518. | 13.8 | 20 |
| 49 | Ceric Ammonium Nitrate and Ceric Ammonium Chloride as Precursors for Ceric Siloxides: Ammonia and Ammonium Inclusion. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 79-90. | 2.0 | 6 |
| 50 | Trivalent Rare-Earth-Metal Bis(trimethylsilyl)amide Halide Complexes by Targeted Oxidations. <i>Inorganic Chemistry</i> , 2018, 57, 5204-5212. | 4.0 | 19 |
| 51 | Hierarchical Mesoporous Organosilica—Silica Core—Shell Nanoparticles Capable of Controlled Fungicide Release. <i>Chemistry - A European Journal</i> , 2018, 24, 7200-7209. | 3.3 | 22 |
| 52 | Unique and contrasting structures of homoleptic lanthanum(III) and cerium(III) 3,5-dimethylpyrazolates. <i>Dalton Transactions</i> , 2018, 47, 5952-5955. | 3.3 | 13 |
| 53 | Silica-Grafted Neodymium Catalysts for the Production of Ultrahigh-Molecular-Weight <i>cis</i> -1,4-Polyisoprene. <i>ChemCatChem</i> , 2018, 10, 1905-1911. | 3.7 | 8 |
| 54 | Dimethylcalcium. <i>Journal of the American Chemical Society</i> , 2018, 140, 2373-2383. | 13.7 | 58 |

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|----|--|------|-----------|
| 55 | Rare-earth metal formamidinate complexes from [(C5Me5)LnMe2]3 and [LnMe3] precursors. Journal of Organometallic Chemistry, 2018, 857, 138-144. | 1.8 | 4 |
| 56 | Donor-stabilised molecular Mg/Al-bimetallic hydrides. Dalton Transactions, 2018, 47, 15173-15180. | 3.3 | 6 |
| 57 | Ultrafast Myoglobin Adsorption into Double-Shelled Hollow Mesoporous Silica Nanospheres. Particle and Particle Systems Characterization, 2018, 35, 1800312. | 2.3 | 4 |
| 58 | Unveiling the Takai Olefination Reagent via Tris(<i>tert</i> -butoxy)siloxy Variants. Journal of the American Chemical Society, 2018, 140, 14334-14341. | 13.7 | 15 |
| 59 | Dimethylmagnesium revisited. Dalton Transactions, 2018, 47, 12546-12552. | 3.3 | 12 |
| 60 | Redox-enhanced hemilability of a tris(<i>tert</i> -butoxy)siloxy ligand at cerium. Dalton Transactions, 2018, 47, 10113-10123. | 3.3 | 19 |
| 61 | Four-Membered Lutetaheterocycles. Organometallics, 2018, 37, 2563-2570. | 2.3 | 5 |
| 62 | Magnesium Stung by Nonclassical Scorpionate Ligands: Synthesis and Cone Angle Calculations. Chemistry - A European Journal, 2018, 24, 14254-14268. | 3.3 | 14 |
| 63 | Synthesis of homometallic divalent lanthanide organoimides from benzyl complexes. Chemical Communications, 2018, 54, 8826-8829. | 4.1 | 27 |
| 64 | Pentamethylcyclopentadienyl-Supported Rare-Earth-Metal Benzyl, Amide, and Imide Complexes. Organometallics, 2018, 37, 2769-2777. | 2.3 | 13 |
| 65 | Lewis Acid Stabilized Organoimide Complexes of Divalent Samarium, Europium, and Ytterbium. Chemistry - A European Journal, 2018, 24, 15921-15929. | 3.3 | 10 |
| 66 | Monodisperse mesoporous silica nanoparticles of distinct topology. Journal of Colloid and Interface Science, 2017, 495, 84-93. | 9.4 | 27 |
| 67 | Pyrazolates advance cerium chemistry: a Ce ^{III} /Ce ^{IV} redox equilibrium with benzoquinone. Dalton Transactions, 2017, 46, 6265-6277. | 3.3 | 21 |
| 68 | Ceric Cyclopentadienides Bearing Alkoxy, Aryloxy, Chlorido, or Iodido Co-Ligands. Chemistry - A European Journal, 2017, 23, 12243-12252. | 3.3 | 25 |
| 69 | Pentamethylcyclopentadienyl-Supported Cerocene(III) Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 1180-1188. | 2.0 | 10 |
| 70 | Fluorenyl Half-Sandwich Bis(tetramethylaluminate) Complexes of the Rare-Earth Metals: Synthesis, Structure, and Isoprene Polymerization. Organometallics, 2017, 36, 4649-4659. | 2.3 | 23 |
| 71 | Synthesis and derivatisation of ceric tris(<i>tert</i> -butoxy)siloxides. Chemical Communications, 2017, 53, 12044-12047. | 4.1 | 17 |
| 72 | The difficult search for organocerium(<i>iv</i>) compounds. Chemical Society Reviews, 2017, 46, 6697-6709. | 38.1 | 50 |

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|----|--|------|-----------|
| 73 | Câ€H Bond Activation and Isoprene Polymerization by Lutetium Alkylaluminum/gallate Complexes Bearing a Peripheral Boryl and a Bulky Hydrotris(pyrazolyl)borate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4683-4692. | 2.0 | 16 |
| 74 | Cerium(IV) Neopentoxide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 8114-8127. | 4.0 | 21 |
| 75 | Facile Reversible Benzophenone Insertion into Rareâ€Earth Metal Pyrazolate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3419-3428. | 2.0 | 7 |
| 76 | Synthesis and structural diversity of trivalent rare-earth metal diisopropylamide complexes. <i>Dalton Transactions</i> , 2016, 45, 13750-13765. | 3.3 | 22 |
| 77 | Synthesis and Reactivity of Discrete Calcium Imides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13893-13897. | 13.8 | 14 |
| 78 | Yttrium Siloxide Complexes Bearing Terminal Methyl Ligands: Molecular Models for Lnâ€CH ₃ Terminated Silica Surfaces. <i>Chemistry - A European Journal</i> , 2016, 22, 13189-13200. | 3.3 | 15 |
| 79 | Synthese und ReaktivitÃt von diskreten Calciumimiden. <i>Angewandte Chemie</i> , 2016, 128, 14097-14101. | 2.0 | 6 |
| 80 | Donor-Solvent-Dependent Cluster Formation of (C ₅ Me ₅)SmI ₂ (THF) _x -Type Half-Sandwich Complexes. <i>Organometallics</i> , 2016, 35, 3743-3750. | 2.3 | 9 |
| 81 | Rare-earth metal diisopropylamide-catalyzed intramolecular hydroamination. <i>Dalton Transactions</i> , 2016, 45, 16393-16403. | 3.3 | 11 |
| 82 | Holmium(III) Supermesityl-Imide Complexes Bearing Methylaluminato/Gallato Ligands. <i>Inorganics</i> , 2015, 3, 500-510. | 2.7 | 8 |
| 83 | Ln(II)/Pb(II)â€Ln(III)/Pb(0) Redox Approach toward Rare-Earth-Metal Half-Sandwich Complexes. <i>Organometallics</i> , 2015, 34, 5734-5744. | 2.3 | 19 |
| 84 | Rareâ€Earth Metal Complexes with Terminal Imido Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1334-1339. | 2.0 | 61 |
| 85 | Reactivity of Yttrium Methyl Complexes: Hydrido Transfer Capability of Selected Alkylalanes. <i>Organometallics</i> , 2015, 34, 2667-2675. | 2.3 | 15 |
| 86 | Reactivity of halfsandwich rare-earth metal methylaluminates toward potassium (2,4,6-tri-tert-butylphenyl)amide and 1-adamantylamine. <i>New Journal of Chemistry</i> , 2015, 39, 7640-7648. | 2.8 | 8 |
| 87 | Versatile Ln ₂ (η^4 -NR) ₂ -Imide Platforms for Ligand Exchange and Isoprene Polymerization. <i>Organometallics</i> , 2015, 34, 4994-5008. | 2.3 | 22 |
| 88 | Rare-earth metal methylidene complexes with Ln ₃ (η^3 -CH ₂)(η^3 -Me)(η^2 -Me) ₃ core structure. <i>Dalton Transactions</i> , 2015, 44, 18101-18110. | 2.3 | 20 |
| 89 | Rare-Earth-Metal Allyl Complexes Supported by the [2-(<i>N,N</i> -Dimethylamino)ethyl]tetramethylcyclopentadienyl Ligand: Structural Characterization, Reactivity, and Isoprene Polymerization. <i>Organometallics</i> , 2015, 34, 32-41. | 2.3 | 26 |
| 90 | Rareâ€Earthâ€Metal Methyl, Amide, and Imide Complexes Supported by a Superbulky Scorpionate Ligand. <i>Chemistry - A European Journal</i> , 2015, 21, 662-670. | 3.3 | 42 |

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|-----|--|------|-----------|
| 91 | Europium bis(dimethylsilyl)amides including mixed-valent $\text{Eu}_3[\text{N}(\text{SiHMe}_2)_2]_6[\text{N}(\text{SiHMe}_2)_2]_2$. Dalton Transactions, 2014, 43, 17324-17332. | 3.3 | 14 |
| 92 | Divalent Transition Metal Silylamide Ate Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 4302-4309. | 2.0 | 24 |
| 93 | Cerium tetrakis(diisopropylamide) $\text{Ce}(\text{N}(\text{SiHMe}_2)_2)_4$ a useful precursor for cerium(IV) chemistry. Chemical Communications, 2014, 50, 14763-14766. | 4.1 | 34 |
| 94 | Siloxide Complexes of Chromium(II), Manganese(II), Cobalt(II), and Chromium(III) Incorporating Potassium(I). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1375-1383. | 0.7 | 9 |
| 95 | Fast magnetic relaxation in an octahedral dysprosium tetramethyl-aluminate complex. Dalton Transactions, 2014, 43, 3035-3038. | 3.3 | 47 |
| 96 | A Dimethylgallium Boryl Complex and Its Methyllithium Addition Compound. Journal of the American Chemical Society, 2014, 136, 886-889. | 13.7 | 47 |
| 97 | Variation of electronic transitions and reduction potentials of cerium(IV) complexes. Dalton Transactions, 2014, 43, 16197-16206. | 3.3 | 47 |
| 98 | Half-Sandwich Rare-Earth-Metal Alkylaluminate Complexes Bearing Peripheral Boryl Ligands. Organometallics, 2014, 33, 1528-1531. | 2.3 | 32 |
| 99 | Cerium(III/IV) Formamidinate Chemistry, and a Stable Cerium(IV) Diolate. Chemistry - A European Journal, 2014, 20, 4426-4438. | 3.3 | 82 |
| 100 | Nanostructured catalysts via metal amide-promoted smart grafting. Dalton Transactions, 2013, 42, 12521. | 3.3 | 63 |
| 101 | Functionalization of large-pore periodic mesoporous silicas: metal silylamide and isopropoxide molecular grafting and secondary surface ligand exchange. Dalton Transactions, 2013, 42, 6922. | 3.3 | 10 |
| 102 | Methylaluminum-Supported Rare-Earth-Metal Dihydrides. Angewandte Chemie - International Edition, 2013, 52, 13238-13242. | 13.8 | 32 |
| 103 | Rare-Earth-Metal Alkylaluminates Supported by N -Donor-Functionalized Cyclopentadienyl Ligands: C-H Bond Activation and Performance in Isoprene Polymerization. Chemistry - A European Journal, 2013, 19, 16321-16333. | 3.3 | 22 |
| 104 | Yttrium half-sandwich complexes bearing the 2-(N,N -dimethylamino)ethyl-tetramethylcyclopentadienyl ligand. Journal of Organometallic Chemistry, 2013, 744, 74-81. | 1.8 | 10 |
| 105 | C-H Bond Activation and Isoprene Polymerization by Rare-Earth-Metal Tetramethylaluminate Complexes Bearing Formamidinato N -Ancillary Ligands. Organometallics, 2013, 32, 1209-1223. | 2.3 | 45 |
| 106 | A homoleptic tetravalent cerium silylamide. Chemical Communications, 2013, 49, 87-89. | 4.1 | 60 |
| 107 | Trivalent Cerium and Praseodymium Aromatic Ketone Adducts. European Journal of Inorganic Chemistry, 2013, 2013, 409-414. | 2.0 | 16 |
| 108 | Synthesis and grafting of CAN-derived tetravalent cerium alkoxide silylamide precursors onto mesoporous silica MCM-41. Dalton Transactions, 2013, 42, 5491. | 3.3 | 20 |

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|-----|---|------|-----------|
| 109 | Synthesis of Rare-Earth-Metal Iminopyrrolyl Complexes from Alkyl Precursors: Ln ⁺ Al N-Ancillary Ligand Transfer. <i>Organometallics</i> , 2013, 32, 1199-1208. | 2.3 | 25 |
| 110 | Unusual reaction pathways of gallium(III) silylamide complexes. <i>Main Group Metal Chemistry</i> , 2013, 36, . | 1.6 | 6 |
| 111 | Organoaluminum-Assisted Formation of Rare-Earth Metal Imide Complexes. <i>Organometallics</i> , 2012, 31, 5101-5107. | 2.3 | 35 |
| 112 | Tris(pyrazolyl)borate Complexes of the Alkaline-Earth Metals: Alkylaluminum Precursors and Schlenk-Type Rearrangements. <i>Organometallics</i> , 2012, 31, 3119-3127. | 2.3 | 41 |
| 113 | Heterogenization of Lanthanum and Neodymium Monophosphacyclopentadienyl Bis(tetramethylaluminate) Complexes onto Periodic Mesoporous Silica SBA-15. <i>Organometallics</i> , 2012, 31, 6526-6537. | 2.3 | 38 |
| 114 | Organoaluminum Boryl Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4461-4465. | 13.8 | 69 |
| 115 | Reactivity of Permethylated Magnesium Complexes toward \hat{I}^2 -Diimines. <i>Organometallics</i> , 2011, 30, 3818-3825. | 2.3 | 15 |
| 116 | Functionalization of MCM-41 and SBA-1 with titanium(IV) (silyl)amides. <i>Journal of Materials Chemistry</i> , 2011, 21, 5620. | 6.7 | 16 |
| 117 | Synthesis and Stability of Homoleptic Metal(III) Tetramethylaluminates. <i>Journal of the American Chemical Society</i> , 2011, 133, 6323-6337. | 13.7 | 90 |
| 118 | Peralkylated Barium Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 4964-4967. | 3.3 | 38 |
| 119 | Surface Organobarium and Organomagnesium Chemistry on Periodic Mesoporous Silica MCM-41: Convergent and Sequential Approaches Traced by Molecular Models. <i>Chemistry - A European Journal</i> , 2011, 17, 11857-11867. | 3.3 | 37 |
| 120 | Rare-Earth Metal Phenyl(trimethylsilyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2841-2852. | 2.0 | 23 |
| 121 | Tetramethylcyclopentadienyl-supported rare-earth metal bis(tetramethyl)aluminate complexes: Synthesis, structural chemistry, cation formation, and isoprene polymerization. <i>Comptes Rendus Chimie</i> , 2010, 13, 651-660. | 0.5 | 29 |
| 122 | Amido-stabilized rare-earth metal mixed methyl methylenide complexes. <i>Chemical Communications</i> , 2010, 46, 5346. | 4.1 | 53 |
| 123 | Homoleptic Rare-Earth Metal Complexes Containing Ln ⁺ C ⁻ σ -Bonds. <i>Chemical Reviews</i> , 2010, 110, 6194-6259. | 47.7 | 258 |
| 124 | Facile Access to Tetravalent Cerium Compounds: One-Electron Oxidation Using Iodine(III) Reagents. <i>Journal of the American Chemical Society</i> , 2010, 132, 14046-14047. | 13.7 | 66 |
| 125 | Intramolecular Hydroamination/Cyclization of Aminoalkenes Catalyzed by Ln[N(SiMe ₃) ₂] ₃ Grafted onto Periodic Mesoporous Silicas. <i>Journal of the American Chemical Society</i> , 2010, 132, 16368-16371. | 13.7 | 66 |
| 126 | Rare-earth metal bis(tetramethylaluminate) complexes supported by a sterically crowded triazenido ligand. <i>Dalton Transactions</i> , 2010, 39, 6815. | 3.3 | 41 |

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|-----|---|------|-----------|
| 127 | Bis(tetramethylaluminate) Complexes of Yttrium and Lanthanum Supported by a Quinolyl-Substituted Cyclopentadienyl Ligand: Synthesis and Performance in Isoprene Polymerization. <i>Organometallics</i> , 2010, 29, 2588-2595. | 2.3 | 37 |
| 128 | Silylation Efficiency of Chorosilanes, Alkoxysilanes, and Monosilazanes on Periodic Mesoporous Silica. <i>Journal of Physical Chemistry C</i> , 2010, 114, 22603-22609. | 3.1 | 47 |
| 129 | Grafting of peralkylated LnIIAlIII heterobimetallic complexes onto periodic mesoporous silica KIT-6. <i>Dalton Transactions</i> , 2010, 39, 8552. | 3.3 | 18 |
| 130 | Donor-assisted tetramethylaluminate/gallate exchange in organolanthanide complexes: pushing the limits of Pearson's HSAB concept. <i>Dalton Transactions</i> , 2010, 39, 5783. | 3.3 | 23 |
| 131 | Rare-Earth Metal Bis(dimethylsilyl)amide Complexes Supported by Cyclooctatetraenyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 76-85. | 2.0 | 37 |
| 132 | Tetramethylaluminate and Tetramethylgallate Coordination in Rare-Earth Metal Half-Sandwich and Metallocene Complexes. <i>Organometallics</i> , 2009, 28, 6739-6749. | 2.3 | 52 |
| 133 | Metastable Lu(GaMe ₄) ₃ Reacts Like Masked [LuMe ₃]: Synthesis of an Unsolvated Lanthanide Dimethyl Complex. <i>Organometallics</i> , 2009, 28, 6646-6649. | 2.3 | 37 |
| 134 | Monomeric Tetraalkylaluminates of Divalent Ytterbium Stabilized by a Bulky Tris(pyrazolyl)borate Ligand. <i>Organometallics</i> , 2009, 28, 6750-6754. | 2.3 | 23 |
| 135 | Alkaline-Earth Metal Alkylaluminate Chemistry Revisited. <i>Organometallics</i> , 2009, 28, 4783-4790. | 2.3 | 51 |
| 136 | Half-Sandwich Bis(tetramethylaluminate) Complexes of the Rare-Earth Metals: Synthesis, Structural Chemistry, and Performance in Isoprene Polymerization. <i>Chemistry - A European Journal</i> , 2008, 14, 7266-7277. | 3.3 | 80 |
| 137 | Elusive Trimethylanthanum: Snapshots of Extensive Methyl Group Degradation in La ₂ Al Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 9555-9564. | 3.3 | 66 |
| 138 | Donor and π -Coordination in Rare-Earth Metal Bis(dimethylsilyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2014-2023. | 2.0 | 52 |
| 139 | Cationic Rare-Earth Metal Half-Sandwich Complexes for the Living <i>trans</i> -1,4-Isoprene Polymerization. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 775-778. | 13.8 | 175 |
| 140 | A Rare-Earth Metal Variant of the Tebbe Reagent. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9560-9564. | 13.8 | 98 |
| 141 | Ln(σ -methyl and methylenes) complexes stabilized by a bulky hydrotris(pyrazolyl)borate ligand. <i>Chemical Communications</i> , 2008, , 612-614. | 4.1 | 82 |
| 142 | Characterization and reactivity of peralkylated LnIIAlIII heterobimetallic complexes. <i>Dalton Transactions</i> , 2008, , 1899. | 3.3 | 36 |
| 143 | Structure-Reactivity Relationships of Amido-Pyridine-Supported Rare-Earth-Metal Alkyl Complexes. <i>Organometallics</i> , 2008, 27, 4310-4317. | 2.3 | 43 |
| 144 | Facile Mesophase Control of Periodic Mesoporous Organosilicas under Basic Conditions. <i>Chemistry of Materials</i> , 2008, 20, 1451-1458. | 6.7 | 34 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | Distinct Reaction Pathways of Peralkylated Ln ^{II} Al ^{III} Heterobimetallic Complexes with Substituted Phenols. <i>Inorganic Chemistry</i> , 2008, 47, 4696-4705. | 4.0 | 25 |
| 146 | Mono-phosphacyclopentadienyl bis(tetramethylaluminate) lanthanide complexes. <i>Dalton Transactions</i> , 2007, , 4866. | 3.3 | 45 |
| 147 | Disilazane functionalization of large-pore hybrid periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2007, 17, 2506. | 6.7 | 25 |
| 148 | Distinct C-H Bond Activation Pathways in Diamido-Pyridine-Supported Rare-Earth Metal Hydrocarbyl Complexes. <i>Organometallics</i> , 2007, 26, 6029-6041. | 2.3 | 54 |
| 149 | Homoleptic Rare-Earth Metal(III) Tetramethylaluminates: Structural Chemistry, Reactivity, and Performance in Isoprene Polymerization. <i>Chemistry - A European Journal</i> , 2007, 13, 8784-8800. | 3.3 | 143 |
| 150 | Alkyl Migration and an Unusual Tetramethylaluminate Coordination Mode: Unexpected Reactivity of Organolanthanide Imino-Amido-Pyridine Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3126-3130. | 13.8 | 62 |
| 151 | Rare-Earth Metal Mixed Chloro/Methyl Compounds: Heterogeneous-Homogeneous Borderline Catalysts in 1,3-Diene Polymerization. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6508-6513. | 13.8 | 100 |
| 152 | Periodic mesoporous organosilicas: mesophase control via binary surfactant mixtures. <i>Journal of Materials Chemistry</i> , 2006, 16, 1238. | 6.7 | 39 |
| 153 | Synthesis and structural characterization of scandium SALEN complexes. <i>Dalton Transactions</i> , 2006, , 1041-1050. | 3.3 | 27 |
| 154 | Multiple C-H Bond Activation in Group 3 Chemistry: Synthesis and Structural Characterization of an Yttrium-Aluminum-Methine Cluster. <i>Journal of the American Chemical Society</i> , 2006, 128, 1458-1459. | 13.7 | 93 |
| 155 | Discrete Lanthanide Aryl(alk)oxide Trimethylaluminum Adducts as Isoprene Polymerization Catalysts. <i>Macromolecules</i> , 2006, 39, 6811-6816. | 4.8 | 82 |
| 156 | Implementation of Ln(AlMe ₄) ₃ as Precursors in Postlanthanidocene Chemistry. <i>Organometallics</i> , 2006, 25, 3593-3598. | 2.3 | 32 |
| 157 | Sounding out the Reactivity of Trimethylyttrium. <i>Organometallics</i> , 2006, 25, 4316-4321. | 2.3 | 53 |
| 158 | Atelonic Carbenes: Synthesis, Structural Characterization, and Reactivity of Rare-Earth Metal Methylidene Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 9298-9299. | 13.7 | 116 |
| 159 | Structure-Reactivity Relationships in Rare-Earth Metal Carboxylate-Based Binary Ziegler-Type Catalysts. <i>Organometallics</i> , 2006, 25, 1626-1642. | 2.3 | 110 |
| 160 | Synthesis and derivatization of half-lanthanidocene aryl(alk)oxide complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 4855-4864. | 2.4 | 13 |
| 161 | Rare-Earth Metals and Aluminum Getting Close in Ziegler-Type Organometallics. , 2006, , 155-281. | | 207 |
| 162 | Heterobimetallic Half-Lanthanidocene Clusters: Novel Mixed Tetramethylaluminato/Chloro Coordination. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4858-4863. | 13.8 | 42 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 163 | Trimethylttrium and Trimethyllutetium. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5303-5306. | 13.8 | 85 |
| 164 | Ethylene-bridged periodic mesoporous organosilicas with Fm3m symmetry. <i>Journal of Materials Chemistry</i> , 2005, 15, 3919. | 6.7 | 38 |
| 165 | Ln(AlMe ₄) ₃ as New Synthetic Precursors in Organolanthanide Chemistry: Efficient Access to Half-Sandwich Hydrocarbyl Complexes. <i>Organometallics</i> , 2005, 24, 5767-5771. | 2.3 | 84 |
| 166 | Stereospecific Polymerization of Isoprene with Molecular and MCM-48-Grafted Lanthanide(III) Tetraalkylaluminates. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2234-2239. | 13.8 | 175 |
| 167 | High tetraalkylaluminate fluxionality in half-sandwich complexes of the trivalent rare-earth metals Electronic supplementary information (ESI) available: complete synthesis and characterization data. See http://www.rsc.org/suppdata/cc/b2/b212754gl . <i>Chemical Communications</i> , 2003, , 1008-1009. | 4.1 | 72 |
| 168 | Reactivity of Trimethylaluminum with Lanthanide Aryloxides: Adduct and Tetramethylaluminate Formation. <i>Organometallics</i> , 2003, 22, 499-509. | 2.3 | 53 |
| 169 | The Lanthanide Ziegler-Natta Model: Aluminum-Mediated Chain Transfer. <i>Organometallics</i> , 2002, 21, 4021-4023. | 2.3 | 60 |
| 170 | SOMC@PMS. Surface Organometallic Chemistry at Periodic Mesoporous Silica. <i>Chemistry of Materials</i> , 2001, 13, 4419-4438. | 6.7 | 300 |
| 171 | Peralkylated Ytterbium(II) Aluminate Complexes YbAl ₂ R ₈ . New Insights into the Nature of Aluminate Coordination. <i>Organometallics</i> , 2001, 20, 3983-3992. | 2.3 | 70 |
| 172 | Scandium methyl surface species via SOMC on MCM-41 silica. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 311-319. | 4.4 | 27 |
| 173 | TiO overlayers on MCM-48 silica by consecutive grafting. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 327-336. | 4.4 | 37 |
| 174 | Surface Characterization and Functionalization of MCM-41 Silicas via Silazane Silylation. <i>Journal of Physical Chemistry B</i> , 2000, 104, 3532-3544. | 2.6 | 227 |
| 175 | Surface Confined Ketyl Radicals via Samarium(II)-Grafted Mesoporous Silicas. <i>Journal of the American Chemical Society</i> , 2000, 122, 1544-1545. | 13.7 | 38 |
| 176 | C ₂ -Symmetricansa-Lanthanidocene Complexes. Synthesis via Silylamine Elimination and $\hat{\text{I}}^2$ -SiH Agostic Rigidity. <i>Journal of the American Chemical Society</i> , 2000, 122, 3080-3096. | 13.7 | 194 |
| 177 | The First Oligomeric Samarium(II) Silylamide: Coordinative Saturation through Agostic Sm $\hat{\text{A}}$: $\hat{\text{A}}$:SiH Interactions. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1405-1407. | 2.0 | 47 |
| 178 | Grafting of bulky rare earth metal complexes onto mesoporous silica MCM-41. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3611-3615. | 1.1 | 45 |
| 179 | Self-Assembly in Organolanthanide Chemistry: Formation of Rings and Clusters. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 599-602. | 13.8 | 108 |
| 180 | Neutron Diffraction Study of [Nd(AlMe ₄) ₃] $\hat{\text{A}}$...0.5 Al ₂ Me ₆ at 100 K: The First Detailed Look at a Bridging Methyl Group with a Trigonal-Bipyramidal Carbon Atom. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1268-1270. | 13.8 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Synthesis and characterization of alkali metal bis(dimethylsilyl) amides: infinite all-planar laddering in the unsolvated sodium derivative. <i>Polyhedron</i> , 1998, 17, 1195-1201. | 2.2 | 48 |
| 182 | Synthesis and structural characterisation of rare-earth bis(dimethylsilyl)amides and their surface organometallic chemistry on mesoporous MCM-41. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 847-858. | 1.1 | 246 |
| 183 | Formation of Lewis Acidic Support Materials via Chemisorption of Trimethylaluminum on Mesoporous Silicate MCM-41. <i>Organometallics</i> , 1998, 17, 2027-2036. | 2.3 | 82 |
| 184 | 1,3-Dimethylimidazolin-2-ylidene Carbene Donor Ligation in Lanthanide Silylamide Complexes. <i>Organometallics</i> , 1997, 16, 682-688. | 2.3 | 122 |
| 185 | β -Si-H Agostic Rigidity in a Solvent-Free Indenyl-Derivedansa-Yttrocene Silylamide. <i>Organometallics</i> , 1997, 16, 1813-1815. | 2.3 | 121 |
| 186 | Lanthanide amides. , 1996, , 33-112. | | 119 |
| 187 | Inclusion of Al ₂ Me ₆ in the Crystalline Lattice of the Organometallic Complexes LnAl ₃ Me ₁₂ . <i>Organometallics</i> , 1995, 14, 1107-1109. | 2.3 | 119 |
| 188 | Molecular Siloxane Complexes of Rare Earth Metals?Model Systems for Silicate-Supported Catalysts?. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1285-1286. | 4.4 | 82 |
| 189 | The Use of Heterometallic Bridging Moieties To Generate Tractable Lanthanide Complexes of Small Ligands. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1641-1644. | 4.4 | 59 |
| 190 | Mit metallhaltigen Brückenbildnern zu löslichen und beständigen Lanthanoidkomplexen mit kleinen Liganden. <i>Angewandte Chemie</i> , 1994, 106, 1725-1728. | 2.0 | 20 |
| 191 | Cerium Fluorenyl Complexes Including CC Coupling Reactions. <i>Organometallics</i> , 0, , . | 2.3 | 1 |