

CÃrcilia Maichle-MÃssmer

List of Publications by Year in descending order

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172
papers

6,889
citations

53794

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79698

73
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180
all docs

180
docs citations

180
times ranked

3073
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | SOMC@PMS. Surface Organometallic Chemistry at Periodic Mesoporous Silica. Chemistry of Materials, 2001, 13, 4419-4438. | 6.7 | 300 |
| 2 | Homoleptic Rare-Earth Metal Complexes Containing Ln ^{III} -C≡C-Bonds. Chemical Reviews, 2010, 110, 6194-6259. | 47.7 | 258 |
| 3 | Synthesis and structural characterisation of rare-earth bis(dimethylsilyl)amides and their surface organometallic chemistry on mesoporous MCM-41. Journal of the Chemical Society Dalton Transactions, 1998, , 847-858. | 1.1 | 246 |
| 4 | Surface Characterization and Functionalization of MCM-41 Silicas via Silazane Silylation. Journal of Physical Chemistry B, 2000, 104, 3532-3544. | 2.6 | 227 |
| 5 | Rare-Earth Metals and Aluminum Getting Close in Ziegler-Type Organometallics. , 2006, , 155-281. | | 207 |
| 6 | C2-Symmetricansa-Lanthanidocene Complexes. Synthesis via Silylamine Elimination and $\hat{\text{I}}^2$ -SiH Agostic Rigidity. Journal of the American Chemical Society, 2000, 122, 3080-3096. | 13.7 | 194 |
| 7 | Stereospecific Polymerization of Isoprene with Molecular and MCM-48-Grafted Lanthanide(III) Tetraalkylaluminates. Angewandte Chemie - International Edition, 2004, 43, 2234-2239. | 13.8 | 175 |
| 8 | Cationic Rare-Earth-Metal Half-Sandwich Complexes for the Living <i>trans</i> -1,4-Isoprene Polymerization. Angewandte Chemie - International Edition, 2008, 47, 775-778. | 13.8 | 175 |
| 9 | Homoleptic Rare-Earth Metal(III) Tetramethylaluminates: Structural Chemistry, Reactivity, and Performance in Isoprene Polymerization. Chemistry - A European Journal, 2007, 13, 8784-8800. | 3.3 | 143 |
| 10 | 1,3-Dimethylimidazolin-2-ylidene Carbene Donor Ligation in Lanthanide Silylamide Complexes. Organometallics, 1997, 16, 682-688. | 2.3 | 122 |
| 11 | $\hat{\text{I}}^2$ -Si ^{III} -H Agostic Rigidity in a Solvent-Free Indenyl-Derivedansa-Yttrocene Silylamide. Organometallics, 1997, 16, 1813-1815. | 2.3 | 121 |
| 12 | Inclusion of Al ₂ Me ₆ in the Crystalline Lattice of the Organometallic Complexes LnAl ₃ Me ₁₂ . Organometallics, 1995, 14, 1107-1109. | 2.3 | 119 |
| 13 | Homoleptic Carbenes: Synthesis, Structural Characterization, and Reactivity of Rare-Earth Metal Methylidene Complexes. Journal of the American Chemical Society, 2006, 128, 9298-9299. | 13.7 | 116 |
| 14 | Self-Assembly in Organolanthanide Chemistry: Formation of Rings and Clusters. Angewandte Chemie - International Edition, 1998, 37, 599-602. | 13.8 | 108 |
| 15 | A Rare-Earth Metal Variant of the Tebbe Reagent. Angewandte Chemie - International Edition, 2008, 47, 9560-9564. | 13.8 | 98 |
| 16 | Multiple C-H Bond Activation in Group 3 Chemistry: Synthesis and Structural Characterization of an Yttrium-Aluminum-Methine Cluster. Journal of the American Chemical Society, 2006, 128, 1458-1459. | 13.7 | 93 |
| 17 | Synthesis and Stability of Homoleptic Metal(III) Tetramethylaluminates. Journal of the American Chemical Society, 2011, 133, 6323-6337. | 13.7 | 90 |
| 18 | Trimethylyttrium and Trimethyllutetium. Angewandte Chemie - International Edition, 2005, 44, 5303-5306. | 13.8 | 85 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Ln(<i>rac</i> -methyl and methylenedioxy) complexes stabilized by a bulky hydrotris(pyrazolyl)borate ligand. <i>Chemical Communications</i> , 2008, , 612-614. | 4.1 | 82 |
| 23 | Cerium(III/IV) Formamidinate Chemistry, and a Stable Cerium(IV) Diolate. <i>Chemistry - A European Journal</i> , 2014, 20, 4426-4438. | 3.3 | 82 |
| 24 | 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 |
| 25 | Rare-earth metal and actinide organoimide chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 5752-5805. | 38.1 | 73 |
| 26 | 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/b212754g/ . <i>Chemical Communications</i> , 2003, , 1008-1009. | 4.1 | 72 |
| 27 | 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 |
| 28 | Organoaluminum Boryl Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4461-4465. | 13.8 | 69 |
| 29 | Elusive Trimethylanthanum: Snapshots of Extensive Methyl Group Degradation in La ^{III} -Al Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 9555-9564. | 3.3 | 66 |
| 30 | 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 |
| 31 | Nanostructured catalysts via metal amide-promoted smart grafting. <i>Dalton Transactions</i> , 2013, 42, 12521. | 3.3 | 63 |
| 32 | Rare-Earth Metal Complexes with Terminal Imido Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1334-1339. | 2.0 | 61 |
| 33 | The Lanthanide Ziegler-Natta Model: Aluminum-Mediated Chain Transfer. <i>Organometallics</i> , 2002, 21, 4021-4023. | 2.3 | 60 |
| 34 | A homoleptic tetravalent cerium silylamide. <i>Chemical Communications</i> , 2013, 49, 87-89. | 4.1 | 60 |
| 35 | 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 |
| 36 | Dimethylcalcium. <i>Journal of the American Chemical Society</i> , 2018, 140, 2373-2383. | 13.7 | 58 |

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| 37 | Reactivity of Trimethylaluminum with Lanthanide Aryloxides: Adduct and Tetramethylaluminate Formation. <i>Organometallics</i> , 2003, 22, 499-509. | 2.3 | 53 |
| 38 | Sounding out the Reactivity of Trimethylttrium. <i>Organometallics</i> , 2006, 25, 4316-4321. | 2.3 | 53 |
| 39 | Amido-stabilized rare-earth metal mixed methyl methyldiene complexes. <i>Chemical Communications</i> , 2010, 46, 5346. | 4.1 | 53 |
| 40 | 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 |
| 41 | Tetramethylaluminate and Tetramethylgallate Coordination in Rare-Earth Metal Half-Sandwich and Metallocene Complexes. <i>Organometallics</i> , 2009, 28, 6739-6749. | 2.3 | 52 |
| 42 | Alkaline-Earth Metal Alkylaluminate Chemistry Revisited. <i>Organometallics</i> , 2009, 28, 4783-4790. | 2.3 | 51 |
| 43 | The difficult search for organocerium(IV) compounds. <i>Chemical Society Reviews</i> , 2017, 46, 6697-6709. | 38.1 | 50 |
| 44 | The First Oligomeric Samarium(II) Silylamide: Coordinative Saturation through Agostic $\text{Sm} \cdots \text{SiH}$ Interactions. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1405-1407. | 2.0 | 47 |
| 45 | 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 |
| 46 | Fast magnetic relaxation in an octahedral dysprosium tetramethyl-aluminate complex. <i>Dalton Transactions</i> , 2014, 43, 3035-3038. | 3.3 | 47 |
| 47 | A Dimethylgallium Boryl Complex and Its Methylithium Addition Compound. <i>Journal of the American Chemical Society</i> , 2014, 136, 886-889. | 13.7 | 47 |
| 48 | Variation of electronic transitions and reduction potentials of cerium(IV) complexes. <i>Dalton Transactions</i> , 2014, 43, 16197-16206. | 3.3 | 47 |
| 49 | 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 |
| 50 | Heterobimetallic Half-Lanthanidocene Clusters: Novel Mixed Tetramethylaluminate/Chloro Coordination. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4858-4863. | 13.8 | 42 |
| 51 | Rare-Earth 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 |
| 52 | Dianion and Monoanion Ligation of 1,4-Diaza-1,3-butadiene to Barium, Strontium, and Calcium. <i>Organometallics</i> , 2012, 31, 3178-3184. | 2.3 | 40 |
| 53 | Effective and Reversible Carbon Dioxide Insertion into Cerium Pyrazolates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5830-5836. | 13.8 | 40 |
| 54 | Periodic mesoporous organosilicas: mesophase control via binary surfactant mixtures. <i>Journal of Materials Chemistry</i> , 2006, 16, 1238. | 6.7 | 39 |

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| 55 | 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 |
| 56 | Ethylene-bridged periodic mesoporous organosilicas with Fm3m symmetry. <i>Journal of Materials Chemistry</i> , 2005, 15, 3919. | 6.7 | 38 |
| 57 | 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 |
| 58 | TiO overlayers on MCM-48 silica by consecutive grafting. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 327-336. | 4.4 | 37 |
| 59 | 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 |
| 60 | Metastable $\text{Lu}(\text{GaMe}_4)_3$ Reacts Like Masked $[\text{LuMe}_3]$: Synthesis of an Unsolvated Lanthanide Dimethyl Complex. <i>Organometallics</i> , 2009, 28, 6646-6649. | 2.3 | 37 |
| 61 | 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 |
| 62 | 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 |
| 63 | Size-Selective Surface Silylation of Cage-like Mesoporous Silica SBA-2 with Disilazane Reagents. <i>Chemistry of Materials</i> , 2006, 18, 1479-1482. | 6.7 | 36 |
| 64 | Characterization and reactivity of peralkylated LnIIAlIII heterobimetallic complexes. <i>Dalton Transactions</i> , 2008, , 1899. | 3.3 | 36 |
| 65 | Organoaluminum-Assisted Formation of Rare-Earth Metal Imide Complexes. <i>Organometallics</i> , 2012, 31, 5101-5107. | 2.3 | 35 |
| 66 | Cerium tetrakis(diisopropylamide) as a useful precursor for cerium(IV) chemistry. <i>Chemical Communications</i> , 2014, 50, 14763-14766. | 4.1 | 34 |
| 67 | Implementation of $\text{Ln}(\text{AlMe}_4)_3$ as Precursors in Postlanthanidocene Chemistry. <i>Organometallics</i> , 2006, 25, 3593-3598. | 2.3 | 32 |
| 68 | Methylaluminum-Supported Rare-Earth Metal Dihydrides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13238-13242. | 13.8 | 32 |
| 69 | Trimethylscandium. <i>Journal of the American Chemical Society</i> , 2019, 141, 13931-13940. | 13.7 | 32 |
| 70 | Scandium methyl surface species via SOMC on MCM-41 silica. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 311-319. | 4.4 | 27 |
| 71 | Monodisperse mesoporous silica nanoparticles of distinct topology. <i>Journal of Colloid and Interface Science</i> , 2017, 495, 84-93. | 9.4 | 27 |
| 72 | Synthesis of homometallic divalent lanthanide organoimides from benzyl complexes. <i>Chemical Communications</i> , 2018, 54, 8826-8829. | 4.1 | 27 |

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|----|--|------|-----------|
| 73 | Disilazane functionalization of large-pore hybrid periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2007, 17, 2506. | 6.7 | 25 |
| 74 | Ceric Cyclopentadienides Bearing Alkoxy, Aryloxy, Chlorido, or Iodido Co-ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 12243-12252. | 3.3 | 25 |
| 75 | Divalent Transition Metal Silylamide Ate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4302-4309. | 2.0 | 24 |
| 76 | Bridging the Gap between Pentacene and Perfluoropentacene: Synthesis and Characterization of 2,3,9,10-Tetrafluoropentacene in the Neutral, Cationic, and Dicationic States. <i>Journal of Organic Chemistry</i> , 2018, 83, 3149-3158. | 3.2 | 24 |
| 77 | Monomeric Tetraalkylaluminates of Divalent Ytterbium Stabilized by a Bulky Tris(pyrazolyl)borate Ligand. <i>Organometallics</i> , 2009, 28, 6750-6754. | 2.3 | 23 |
| 78 | Rare-Earth Metal Phenyl(trimethylsilyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2841-2852. | 2.0 | 23 |
| 79 | 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 |
| 80 | Synthesis and structural diversity of trivalent rare-earth metal diisopropylamide complexes. <i>Dalton Transactions</i> , 2016, 45, 13750-13765. | 3.3 | 22 |
| 81 | Carbonyl group and carbon dioxide activation by rare-earth-metal complexes. <i>Dalton Transactions</i> , 2020, 49, 17472-17493. | 3.3 | 22 |
| 82 | Pyrazolates advance cerium chemistry: a Ce ^{III} /Ce ^{IV} redox equilibrium with benzoquinone. <i>Dalton Transactions</i> , 2017, 46, 6265-6277. | 3.3 | 21 |
| 83 | Cerium(IV) Neopentoxide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 8114-8127. | 4.0 | 21 |
| 84 | 1,3-Diene Polymerization Mediated by Homoleptic Tetramethylaluminates of the Rare-Earth Metals. <i>Catalysts</i> , 2018, 8, 61. | 3.5 | 21 |
| 85 | Mit metallhaltigen Brückenbildnern zu löslichen und beständigen Lanthanoidkomplexen mit kleinen Liganden. <i>Angewandte Chemie</i> , 1994, 106, 1725-1728. | 2.0 | 20 |
| 86 | Synthesis and grafting of CAN-derived tetravalent cerium alkoxide silylamide precursors onto mesoporous silica MCM-41. <i>Dalton Transactions</i> , 2013, 42, 5491. | 3.3 | 20 |
| 87 | Rare-earth metal methylene complexes with Ln ₃ (µ ₃ -CH ₂)(µ ₃ -Me)(µ ₂ -Me) ₃ core structure. <i>Dalton Transactions</i> , 2015, 44, 18101-18110. | 3.3 | 20 |
| 88 | 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 |
| 89 | Ln(II)/Pb(II) ↔ Ln(III)/Pb(O) Redox Approach toward Rare-Earth-Metal Half-Sandwich Complexes. <i>Organometallics</i> , 2015, 34, 5734-5744. | 2.3 | 19 |
| 90 | Trivalent Rare-Earth-Metal Bis(trimethylsilyl)amide Halide Complexes by Targeted Oxidations. <i>Inorganic Chemistry</i> , 2018, 57, 5204-5212. | 4.0 | 19 |

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|-----|---|------|-----------|
| 91 | Redox-enhanced hemilability of a tris(<i>tert</i> -butoxy)siloxy ligand at cerium. Dalton Transactions, 2018, 47, 10113-10123. | 3.3 | 19 |
| 92 | Grafting of peralkylated LnIIAlIII heterobimetallic complexes onto periodic mesoporous silica KIT-6. Dalton Transactions, 2010, 39, 8552. | 3.3 | 18 |
| 93 | Helical Self-Assembly of Optically Active Glycoconjugated Phthalocyanine Aggregates. ChemPlusChem, 2019, 84, 1081-1093. | 2.8 | 18 |
| 94 | Cerium Pyrazolates Grafted onto Mesoporous Silica SBA-15: Reversible CO ₂ Uptake and Catalytic Cycloaddition of Epoxides and Carbon Dioxide. Inorganic Chemistry, 2020, 59, 14605-14614. | 4.0 | 18 |
| 95 | Synthesis and derivatisation of ceric tris(<i>tert</i> -butoxy)siloxides. Chemical Communications, 2017, 53, 12044-12047. | 4.1 | 17 |
| 96 | 1,3-Diene Polymerization Promoted by Half-Sandwich Rare-Earth Metal Dimethyl Complexes: Active Species Clustering and Cationization/Deactivation Processes. Chemistry - A European Journal, 2019, 25, 7298-7302. | 3.3 | 17 |
| 97 | Rare-Earth Metal Pentadienyl Half-Sandwich and Sandwich Tetramethylaluminates: Synthesis, Structure, Reactivity, and Performance in Isoprene Polymerization. Chemistry - A European Journal, 2019, 25, 4821-4832. | 3.3 | 17 |
| 98 | Functionalization of MCM-41 and SBA-1 with titanium(IV) (silyl)amides. Journal of Materials Chemistry, 2011, 21, 5620. | 6.7 | 16 |
| 99 | Trivalent Cerium and Praseodymium Aromatic Ketone Adducts. European Journal of Inorganic Chemistry, 2013, 2013, 409-414. | 2.0 | 16 |
| 100 | C-H Bond Activation and Isoprene Polymerization by Lutetium Alkylaluminum/gallate Complexes Bearing a Peripheral Boryl and a Bulky Hydrotris(pyrazolyl)borate Ligand. European Journal of Inorganic Chemistry, 2017, 2017, 4683-4692. | 2.0 | 16 |
| 101 | Modulating the Electronic and Solid-State Structure of Organic Semiconductors by Site-Specific Substitution: The Case of Tetrafluoropentacenes. Chemistry - A European Journal, 2020, 26, 3420-3434. | 3.3 | 16 |
| 102 | Reactivity of Permethylated Magnesium Complexes toward β^2 -Diimines. Organometallics, 2011, 30, 3818-3825. | 2.3 | 15 |
| 103 | Yttrium Siloxide Complexes Bearing Terminal Methyl Ligands: Molecular Models for Ln-CH ₃ Terminated Silica Surfaces. Chemistry - A European Journal, 2016, 22, 13189-13200. | 3.3 | 15 |
| 104 | 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 |
| 105 | Synthesis and Reactivity of Discrete Calcium Imides. Angewandte Chemie - International Edition, 2016, 55, 13893-13897. | 13.8 | 14 |
| 106 | Magnesium Strung by Nonclassical Scorpionate Ligands: Synthesis and Cone Angle Calculations. Chemistry - A European Journal, 2018, 24, 14254-14268. | 3.3 | 14 |
| 107 | Synthesis and Photodimerization of 2- and 2,3-Disubstituted Anthracenes: Influence of Steric Interactions and London Dispersion on Diastereoselectivity. Journal of Organic Chemistry, 2019, 84, 10120-10135. | 3.2 | 14 |
| 108 | Open-Shell Early Lanthanide Terminal Imides. Journal of the American Chemical Society, 2022, 144, 4102-4113. | 13.7 | 14 |

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|-----|---|------|-----------|
| 109 | Synthesis and derivatization of halflanthanidocene aryl(alk)oxide complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 4855-4864. | 2.4 | 13 |
| 110 | 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 |
| 111 | Pentamethylcyclopentadienyl-Supported Rare-Earth-Metal Benzyl, Amide, and Imide Complexes. <i>Organometallics</i> , 2018, 37, 2769-2777. | 2.3 | 13 |
| 112 | Scandium bis(trimethylsilyl)methyl complexes revisited: extending the ^{45}Sc NMR chemical shift range and a new structural motif of $\text{Li}[\text{CH}(\text{SiMe}_3)_2]$. <i>Dalton Transactions</i> , 2020, 49, 7829-7841. | 3.3 | 13 |
| 113 | $\text{CeCl}_3 \cdot n\text{THF} \cdot \text{BuLi}$: Unraveling Imamoto's Organocerium Reagent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15622-15631. | 13.8 | 13 |
| 114 | Barium Bis(dimethylsilyl)amide Li^+ Adduct vs. Oxo Formation. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 44-47. | 2.0 | 12 |
| 115 | Dimethylmagnesium revisited. <i>Dalton Transactions</i> , 2018, 47, 12546-12552. | 3.3 | 12 |
| 116 | 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 |
| 117 | A Facile Route toward Ceric Silylamide $[\text{Ce}\{\text{N}(\text{SiHMe}_2)_2\}_4]$. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 101-106. | 2.0 | 11 |
| 118 | Tuning Organocerium Electrochemical Potentials by Extending Tris(cyclopentadienyl) Scaffolds with Terminal Halogenido, Siloxy, and Alkoxy Ligands. <i>Organometallics</i> , 2021, 40, 1786-1800. | 2.3 | 11 |
| 119 | X-Ray structures and ab initio study of the conformational properties of novel oxazole and thiazole containing di- and tripeptide mimetics. <i>Perkin Transactions II RSC</i> , 2000, , 1081-1085. | 1.1 | 10 |
| 120 | Functionalization of large-pore periodic mesoporous silicas: metal silylamide and isopropoxide molecular grafting and secondary surface ligand exchange. <i>Dalton Transactions</i> , 2013, 42, 6922. | 3.3 | 10 |
| 121 | Pentamethylcyclopentadienyl-Supported Cerocene(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1180-1188. | 2.0 | 10 |
| 122 | Lewis Acid Stabilized Organoimide Complexes of Divalent Samarium, Europium, and Ytterbium. <i>Chemistry - A European Journal</i> , 2018, 24, 15921-15929. | 3.3 | 10 |
| 123 | Calcium Tetraalkylaluminate and Tetramethylgallate Complexes Supported by the Bulky Scorpionate Ligand TptBu ₃ Me. <i>Organometallics</i> , 2019, 38, 1614-1621. | 2.3 | 10 |
| 124 | Siloxide Complexes of Chromium(II), Manganese(II), Cobalt(II), and Chromium(III) Incorporating Potassium(I). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 1375-1383. | 0.7 | 9 |
| 125 | Donor-Solvent-Dependent Cluster Formation of $(\text{C}_5\text{Me}_5)_2\text{Sm}_2(\text{THF})_x$ -Type Half-Sandwich Complexes. <i>Organometallics</i> , 2016, 35, 3743-3750. | 2.3 | 9 |
| 126 | Gallium Methylene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8206-8210. | 13.8 | 9 |

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|-----|--|-----|-----------|
| 127 | 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 |
| 128 | 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 |
| 129 | Cerium-quinone redox couples put under scrutiny. <i>Chemical Science</i> , 2021, 12, 1343-1351. | 7.4 | 9 |
| 130 | Pentamethylcyclopentadienyl Complexes of Cerium(IV): Synthesis, Reactivity, and Electrochemistry. <i>Inorganic Chemistry</i> , 2021, 60, 18211-18224. | 4.0 | 9 |
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