

# Reiner Anwander

## List of Publications by Year in descending order

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191  
papers

8,115  
citations

44069

48  
h-index

69250

77  
g-index

203  
all docs

203  
docs citations

203  
times ranked

3077  
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 <sup>III</sup> -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 <sup>III</sup> -H Agostic Rigidity in a Solvent-Free Indenyl-Derivedansa-Yttrocene Silylamide. Organometallics, 1997, 16, 1813-1815.	2.3	121
12	Inclusion of Al <sub>2</sub> Me <sub>6</sub> in the Crystalline Lattice of the Organometallic Complexes LnAl <sub>3</sub> Me <sub>12</sub> . Organometallics, 1995, 14, 1107-1109.	2.3	119
13	Lanthanide amides. , 1996, , 33-112.		119
14	$\hat{\text{I}}^2$ -Agostic 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
15	Structure-Reactivity Relationships in Rare-Earth Metal Carboxylate-Based Binary Ziegler-Type Catalysts. Organometallics, 2006, 25, 1626-1642.	2.3	110
16	Self-Assembly in Organolanthanide Chemistry: Formation of Rings and Clusters. Angewandte Chemie - International Edition, 1998, 37, 599-602.	13.8	108
17	Rare-Earth Metal Mixed Chloro/Methyl Compounds: Heterogeneous-Homogeneous Borderline Catalysts in 1,3-Diene Polymerization. Angewandte Chemie - International Edition, 2007, 46, 6508-6513.	13.8	100
18	A Rare-Earth Metal Variant of the Tebbe Reagent. Angewandte Chemie - International Edition, 2008, 47, 9560-9564.	13.8	98

#	ARTICLE	IF	CITATIONS
19	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
20	Synthesis and Stability of Homoleptic Metal(III) Tetramethylaluminates. <i>Journal of the American Chemical Society</i> , 2011, 133, 6323-6337.	13.7	90
21	Trimethylyttrium and Trimethyllutetium. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5303-5306.	13.8	85
22	Ln(AlMe <sub>4</sub> ) <sub>3</sub> as New Synthetic Precursors in Organolanthanide Chemistry: Efficient Access to Half-Sandwich Hydrocarbyl Complexes. <i>Organometallics</i> , 2005, 24, 5767-5771.	2.3	84
23	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
24	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
25	Discrete Lanthanide Aryl(alk)oxide Trimethylaluminum Adducts as Isoprene Polymerization Catalysts. <i>Macromolecules</i> , 2006, 39, 6811-6816.	4.8	82
26	Ln( $\kappa^3$ -methyl and methylenido) complexes stabilized by a bulky hydrotris(pyrazolyl)borate ligand. <i>Chemical Communications</i> , 2008, , 612-614.	4.1	82
27	Cerium(III/IV) Formamidinate Chemistry, and a Stable Cerium(IV) Diolate. <i>Chemistry - A European Journal</i> , 2014, 20, 4426-4438.	3.3	82
28	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
29	Rare-earth metal and actinide organoimide chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 5752-5805.	38.1	73
30	High tetraalkylaluminate fluxionality in half-sandwich complexes of the trivalent rare-earth metals Electronic supplementary information (ESI) available: complete synthesis and characterization data. See <a href="http://www.rsc.org/suppdata/cc/b2/b212754g/">http://www.rsc.org/suppdata/cc/b2/b212754g/</a> . <i>Chemical Communications</i> , 2003, , 1008-1009.	4.1	72
31	Peralkylated Ytterbium(II) Aluminate Complexes YbAl <sub>2</sub> R <sub>8</sub> . New Insights into the Nature of Aluminate Coordination. <i>Organometallics</i> , 2001, 20, 3983-3992.	2.3	70
32	Organoaluminum Boryl Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4461-4465.	13.8	69
33	Elusive Trimethylanthanum: Snapshots of Extensive Methyl Group Degradation in La $\epsilon$ -Al Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 9555-9564.	3.3	66
34	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
35	Intramolecular Hydroamination/Cyclization of Aminoalkenes Catalyzed by Ln[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> Grafted onto Periodic Mesoporous Silicas. <i>Journal of the American Chemical Society</i> , 2010, 132, 16368-16371.	13.7	66
36	Nanostructured catalysts via metal amide-promoted smart grafting. <i>Dalton Transactions</i> , 2013, 42, 12521.	3.3	63

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37	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
38	Rare-Earth Metal Complexes with Terminal Imido Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1334-1339.	2.0	61
39	The Lanthanide Ziegler-Natta Model: % Aluminum-Mediated Chain Transfer. <i>Organometallics</i> , 2002, 21, 4021-4023.	2.3	60
40	A homoleptic tetravalent cerium silylamide. <i>Chemical Communications</i> , 2013, 49, 87-89.	4.1	60
41	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
42	Neutron Diffraction Study of [Nd(AlMe <sub>4</sub> ) <sub>3</sub> ]·0.5 Al <sub>2</sub> Me <sub>6</sub> 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
43	Dimethylcalcium. <i>Journal of the American Chemical Society</i> , 2018, 140, 2373-2383.	13.7	58
44	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
45	Reactivity of Trimethylaluminum with Lanthanide Aryloxides: Adduct and Tetramethylaluminate Formation. <i>Organometallics</i> , 2003, 22, 499-509.	2.3	53
46	Sounding out the Reactivity of Trimethylyttrium. <i>Organometallics</i> , 2006, 25, 4316-4321.	2.3	53
47	Amido-stabilized rare-earth metal mixed methyl methylidene complexes. <i>Chemical Communications</i> , 2010, 46, 5346.	4.1	53
48	Donor and $\pi$ -Coordination in Rare-Earth Metal Bis(dimethylsilyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2014-2023.	2.0	52
49	Tetramethylaluminate and Tetramethylgallate Coordination in Rare-Earth Metal Half-Sandwich and Metallocene Complexes. <i>Organometallics</i> , 2009, 28, 6739-6749.	2.3	52
50	Alkaline-Earth Metal Alkylaluminate Chemistry Revisited. <i>Organometallics</i> , 2009, 28, 4783-4790.	2.3	51
51	The difficult search for organocerium (<sc>iv</sc>) compounds. <i>Chemical Society Reviews</i> , 2017, 46, 6697-6709.	38.1	50
52	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
53	The First Oligomeric Samarium(II) Silylamide: Coordinative Saturation through Agostic Sm- $\pi$ -SiH Interactions. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1405-1407.	2.0	47
54	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

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55	Fast magnetic relaxation in an octahedral dysprosium tetramethyl-aluminate complex. Dalton Transactions, 2014, 43, 3035-3038.	3.3	47
56	A Dimethylgallium Boryl Complex and Its Methyllithium Addition Compound. Journal of the American Chemical Society, 2014, 136, 886-889.	13.7	47
57	Variation of electronic transitions and reduction potentials of cerium( $\text{IV}$ ) complexes. Dalton Transactions, 2014, 43, 16197-16206.	3.3	47
58	Grafting of bulky rare earth metal complexes onto mesoporous silica MCM-41. Journal of the Chemical Society Dalton Transactions, 1999, , 3611-3615.	1.1	45
59	Mono-phosphacyclopentadienyl bis(tetramethylaluminate) lanthanide complexes. Dalton Transactions, 2007, , 4866.	3.3	45
60	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
61	Structure-Reactivity Relationships of Amido-Pyridine-Supported Rare-Earth-Metal Alkyl Complexes. Organometallics, 2008, 27, 4310-4317.	2.3	43
62	Heterobimetallic Half-Lanthanidocene Clusters: Novel Mixed Tetramethylaluminato/Chloro Coordination. Angewandte Chemie - International Edition, 2006, 45, 4858-4863.	13.8	42
63	Rare-Earth-Metal Methyl, Amide, and Imide Complexes Supported by a Superbulky Scorpionate Ligand. Chemistry - A European Journal, 2015, 21, 662-670.	3.3	42
64	Rare-earth metal bis(tetramethylaluminate) complexes supported by a sterically crowded triazenido ligand. Dalton Transactions, 2010, 39, 6815.	3.3	41
65	Tris(pyrazolyl)borate Complexes of the Alkaline-Earth Metals: Alkylaluminate Precursors and Schlenk-Type Rearrangements. Organometallics, 2012, 31, 3119-3127.	2.3	41
66	Effective and Reversible Carbon Dioxide Insertion into Cerium Pyrazolates. Angewandte Chemie - International Edition, 2020, 59, 5830-5836.	13.8	40
67	Periodic mesoporous organosilicas: mesophase control via binary surfactant mixtures. Journal of Materials Chemistry, 2006, 16, 1238.	6.7	39
68	Surface Confined Ketyl Radicals via Samarium(II)-Grafted Mesoporous Silicas. Journal of the American Chemical Society, 2000, 122, 1544-1545.	13.7	38
69	Ethylene-bridged periodic mesoporous organosilicas with Fm3m symmetry. Journal of Materials Chemistry, 2005, 15, 3919.	6.7	38
70	Peralkylated Barium Complexes. Chemistry - A European Journal, 2011, 17, 4964-4967.	3.3	38
71	Heterogenization of Lanthanum and Neodymium Monophosphacyclopentadienyl Bis(tetramethylaluminate) Complexes onto Periodic Mesoporous Silica SBA-15. Organometallics, 2012, 31, 6526-6537.	2.3	38
72	TiO overlayers on MCM-48 silica by consecutive grafting. Microporous and Mesoporous Materials, 2001, 44-45, 327-336.	4.4	37

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73	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
74	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
75	Bis(tetramethylaluminate) Complexes of Yttrium and Lanthanum Supported by a Quinoly-Substituted Cyclopentadienyl Ligand: Synthesis and Performance in Isoprene Polymerization. <i>Organometallics</i> , 2010, 29, 2588-2595.	2.3	37
76	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
77	Characterization and reactivity of peralkylated $\text{LnIIAlIII}$ heterobimetallic complexes. <i>Dalton Transactions</i> , 2008, , 1899.	3.3	36
78	Organoaluminum-Assisted Formation of Rare-Earth Metal Imide Complexes. <i>Organometallics</i> , 2012, 31, 5101-5107.	2.3	35
79	Facile Mesophase Control of Periodic Mesoporous Organosilicas under Basic Conditions. <i>Chemistry of Materials</i> , 2008, 20, 1451-1458.	6.7	34
80	Cerium tetrakis(diisopropylamide) as a useful precursor for cerium(IV) chemistry. <i>Chemical Communications</i> , 2014, 50, 14763-14766.	4.1	34
81	Implementation of $\text{Ln}(\text{AlMe}_4)_3$ as Precursors in Postlanthanidocene Chemistry. <i>Organometallics</i> , 2006, 25, 3593-3598.	2.3	32
82	Methylaluminum-Supported Rare-Earth Metal Dihydrides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13238-13242.	13.8	32
83	Half-Sandwich Rare-Earth-Metal Alkylaluminate Complexes Bearing Peripheral Boryl Ligands. <i>Organometallics</i> , 2014, 33, 1528-1531.	2.3	32
84	Trimethylscandium. <i>Journal of the American Chemical Society</i> , 2019, 141, 13931-13940.	13.7	32
85	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
86	Scandium methyl surface species via SOMC on MCM-41 silica. <i>Microporous and Mesoporous Materials</i> , 2001, 44-45, 311-319.	4.4	27
87	Synthesis and structural characterization of scandium SALEN complexes. <i>Dalton Transactions</i> , 2006, , 1041-1050.	3.3	27
88	Monodisperse mesoporous silica nanoparticles of distinct topology. <i>Journal of Colloid and Interface Science</i> , 2017, 495, 84-93.	9.4	27
89	Synthesis of homometallic divalent lanthanide organoimides from benzyl complexes. <i>Chemical Communications</i> , 2018, 54, 8826-8829.	4.1	27
90	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

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91	Disilazane functionalization of large-pore hybrid periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2007, 17, 2506.	6.7	25
92	Distinct Reaction Pathways of Peralkylated Ln <sup>II</sup> Al <sup>III</sup> Heterobimetallic Complexes with Substituted Phenols. <i>Inorganic Chemistry</i> , 2008, 47, 4696-4705.	4.0	25
93	Synthesis of Rare-Earth-Metal Iminopyrrolyl Complexes from Alkyl Precursors: Ln <sup>+</sup> Al N-Ancillary Ligand Transfer. <i>Organometallics</i> , 2013, 32, 1199-1208.	2.3	25
94	Ceric Cyclopentadienides Bearing Alkoxy, Aryloxy, Chlorido, or Iodido Co <sup>+</sup> Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 12243-12252.	3.3	25
95	Divalent Transition Metal Silylamide Ate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4302-4309.	2.0	24
96	Monomeric Tetraalkylaluminates of Divalent Ytterbium Stabilized by a Bulky Tris(pyrazolyl)borate Ligand. <i>Organometallics</i> , 2009, 28, 6750-6754.	2.3	23
97	Rare-Earth Metal Phenyl(trimethylsilyl)amide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2841-2852.	2.0	23
98	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
99	Fluorenyl Half-Sandwich Bis(tetramethylaluminate) Complexes of the Rare-Earth Metals: Synthesis, Structure, and Isoprene Polymerization. <i>Organometallics</i> , 2017, 36, 4649-4659.	2.3	23
100	Rare-Earth Metal Alkylaluminates Supported by N-Donor-Functionalized Cyclopentadienyl Ligands: C-H Bond Activation and Performance in Isoprene Polymerization. <i>Chemistry - A European Journal</i> , 2013, 19, 16321-16333.	3.3	22
101	Versatile Ln <sub>2</sub> ( <sup>1/4</sup> -NR) <sub>2</sub> -Imide Platforms for Ligand Exchange and Isoprene Polymerization. <i>Organometallics</i> , 2015, 34, 4994-5008.	2.3	22
102	Synthesis and structural diversity of trivalent rare-earth metal diisopropylamide complexes. <i>Dalton Transactions</i> , 2016, 45, 13750-13765.	3.3	22
103	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
104	Carbonyl group and carbon dioxide activation by rare-earth-metal complexes. <i>Dalton Transactions</i> , 2020, 49, 17472-17493.	3.3	22
105	Pyrazolates advance cerium chemistry: a Ce <sup>III</sup> /Ce <sup>IV</sup> redox equilibrium with benzoquinone. <i>Dalton Transactions</i> , 2017, 46, 6265-6277.	3.3	21
106	Cerium(IV) Neopentoxide Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 8114-8127.	4.0	21
107	Mit metallhaltigen Brückenbildnern zu löslichen und beständigen Lanthanoidkomplexen mit kleinen Liganden. <i>Angewandte Chemie</i> , 1994, 106, 1725-1728.	2.0	20
108	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

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109	Rare-earth metal methylidene complexes with $\text{Ln}(\mu_3\text{-CH}_2)_2(\mu_3\text{-Me})(\mu_2\text{-Me})_3$ core structure. Dalton Transactions, 2015, 44, 18101-18110.	3.3	20
110	Formation and Reactivity of an Aluminabenzene Ligand at Pentadienyl-Supported Rare-Earth Metals. Angewandte Chemie - International Edition, 2019, 58, 1515-1518.	13.8	20
111	$\text{Ln(II)/Pb(II)} \rightarrow \text{Ln(III)/Pb(O)}$ Redox Approach toward Rare-Earth-Metal Half-Sandwich Complexes. Organometallics, 2015, 34, 5734-5744.	2.3	19
112	Trivalent Rare-Earth-Metal Bis(trimethylsilyl)amide Halide Complexes by Targeted Oxidations. Inorganic Chemistry, 2018, 57, 5204-5212.	4.0	19
113	Redox-enhanced hemilability of a tris( <i>tert</i> -butoxy)siloxy ligand at cerium. Dalton Transactions, 2018, 47, 10113-10123.	3.3	19
114	Grafting of peralkylated LnII/III heterobimetallic complexes onto periodic mesoporous silica KIT-6. Dalton Transactions, 2010, 39, 8552.	3.3	18
115	Cerium Pyrazolates Grafted onto Mesoporous Silica SBA-15: Reversible $\text{CO}_2$ Uptake and Catalytic Cycloaddition of Epoxides and Carbon Dioxide. Inorganic Chemistry, 2020, 59, 14605-14614.	4.0	18
116	Synthesis and derivatisation of ceric tris( <i>tert</i> -butoxy)siloxides. Chemical Communications, 2017, 53, 12044-12047.	4.1	17
117	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
118	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
119	Functionalization of MCM-41 and SBA-1 with titanium(IV) (silyl)amides. Journal of Materials Chemistry, 2011, 21, 5620.	6.7	16
120	Trivalent Cerium and Praseodymium Aromatic Ketone Adducts. European Journal of Inorganic Chemistry, 2013, 2013, 409-414.	2.0	16
121	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
122	Reactivity of Permethylated Magnesium Complexes toward $\text{I}^2$ -Diimines. Organometallics, 2011, 30, 3818-3825.	2.3	15
123	Reactivity of Yttrium Methyl Complexes: Hydrido Transfer Capability of Selected Alkylalanes. Organometallics, 2015, 34, 2667-2675.	2.3	15
124	Yttrium Siloxide Complexes Bearing Terminal Methyl Ligands: Molecular Models for $\text{Ln}^{\sim}\text{CH}_3$ Terminated Silica Surfaces. Chemistry - A European Journal, 2016, 22, 13189-13200.	3.3	15
125	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
126	Europium bis(dimethylsilyl)amides including mixed-valent $\text{Eu}_3[\text{N}(\text{SiHMe}_2)_2]_6[\mu_4\text{-N}(\text{SiHMe}_2)_2]_2$ . Dalton Transactions, 2014, 43, 17324-17332.	3.3	14



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127	Synthesis and Reactivity of Discrete Calcium Imides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13893-13897.	13.8	14
128	Magnesium Stung by Nonclassical Scorpionate Ligands: Synthesis and Cone Angle Calculations. <i>Chemistry - A European Journal</i> , 2018, 24, 14254-14268.	3.3	14
129	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
130	Open-Shell Early Lanthanide Terminal Imides. <i>Journal of the American Chemical Society</i> , 2022, 144, 4102-4113.	13.7	14
131	Synthesis and derivatization of half-lanthanidocene aryl(alk)oxide complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 4855-4864.	2.4	13
132	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
133	Pentamethylcyclopentadienyl-Supported Rare-Earth-Metal Benzyl, Amide, and Imide Complexes. <i>Organometallics</i> , 2018, 37, 2769-2777.	2.3	13
134	Scandium bis(trimethylsilyl)methyl complexes revisited: extending the <sup>45</sup> Sc NMR chemical shift range and a new structural motif of Li[CH(SiMe <sub>3</sub> ) <sub>2</sub> ]. <i>Dalton Transactions</i> , 2020, 49, 7829-7841.	3.3	13
135	CeCl <sub>3</sub> /n-BuLi: Unraveling Imamoto's Organocerium Reagent. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15622-15631.	13.8	13
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