

Chunming Cui

List of Publications by Year in descending order

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106
papers

4,443
citations

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docs citations

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2557
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synthesis and Structure of a Monomeric Aluminum(I) Compound $[\{HC(CMeNAr)_2\}Al]$ (Ar=2,6-di- <i>i</i> -Pr ₂ C ₆ H ₃): A Stable Aluminum Analogue of a Carbene. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4274-4276. | 13.8 | 434 |
| 2 | Synthesis and Characterization of the Non-Kekulé, Singlet Biradicaloid $Ar^{\sim}Ge(\frac{1}{4}NSiMe_3)_2GeAr^{\sim}$ ($Ar^{\sim} =$) <i>Tj ETQq 0 0 0 rgBT / Overlock 1055 50 617</i> | 13.7 | 176 |
| 3 | Reactions of the Heavier Group 14 Element Alkyne Analogues $Ar^{\sim}EEAr^{\sim}$ ($Ar^{\sim} = C_6H_3-2,6(C_6H_3-2,6-Pri_2)_2$; E =) <i>Tj ETQq 1 1 0.784</i> <i>American Chemical Society</i> , 2005, 127, 17530-17541. | 13.7 | 170 |
| 4 | Facile Synthesis of Cyclopropene Analogues of Aluminum and an Aluminum Pinacolate, and the Reactivity of $LAl[1-2-C_2(SiMe_3)_2]$ toward Unsaturated Molecules (L = HC[(CMe)(NAr)] ₂ , Ar =) <i>Tj ETQq 0 0 0 rgBT / Overlock 1055 50 617</i> | 13.7 | 176 |
| 5 | Stable, Monomeric Imides of Aluminum and Gallium: Synthesis and Characterization of $[\{HC(MeCDippN)_2\}MN-2,6-Trip_2C_6H_3]$ (M=Al or Ga; Dipp=2,6- <i>i</i> Pr ₂ C ₆ H ₃ ; Trip=2,4,6- <i>i</i> Pr ₃ C ₆ H ₂). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2172-2174. | 13.8 | 143 |
| 6 | Reactivity of $Ar^{\sim}GeGeAr^{\sim}$ ($Ar^{\sim} = C_6H_3-2,6-Dipp_2$, Dipp = C ₆ H ₃ -2,6- <i>i</i> Pr ₂) toward Alkynes: Isolation of a Stable Digermacyclobutadiene. <i>Journal of the American Chemical Society</i> , 2004, 126, 5062-5063. | 13.7 | 118 |
| 7 | Synthesis of Calcium and Ytterbium Complexes Supported by a Tridentate Imino-Amidinate Ligand and Their Application in the Intermolecular Hydrophosphination of Alkenes and Alkynes. <i>Organometallics</i> , 2012, 31, 1208-1211. | 2.3 | 103 |
| 8 | Synthesis of $HC[(CBut)(NAr)]_2Al$ (Ar = 2,6- <i>Pri_2</i> C ₆ H ₃) and Its Reaction with Isocyanides, a Bulky Azide, and H ₂ O. <i>Organometallics</i> , 2007, 26, 1039-1043. | 2.3 | 98 |
| 9 | $[(NHC)Yb\{N(SiMe_3)_3\}_2\{N(SiMe_3)_2\}_2]$ -Catalyzed Cross-Dehydrogenative Coupling of Silanes with Amines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11141-11144. | 13.8 | 88 |
| 10 | N-Aryl substituted heterocyclic silylenes. <i>Dalton Transactions</i> , 2009, , 5444. | 3.3 | 84 |
| 11 | Synthesis, Structure, and Reactivity of a Monomeric Iminoalane. <i>Chemistry - A European Journal</i> , 2012, 18, 15263-15266. | 3.3 | 82 |
| 12 | Cobalt-Catalyzed Regioselective Borylation of Arenes: N-Heterocyclic Silylene as an Electron Donor in the Metal-Mediated Activation of C-H Bonds. <i>Chemistry - A European Journal</i> , 2017, 23, 5663-5667. | 3.3 | 80 |
| 13 | Highly Isospecific Polymerization of Methyl Methacrylate with a Bis(pyrrolylaldiminato)samarium Hydrocarbyl Complex. <i>Organometallics</i> , 2003, 22, 3357-3359. | 2.3 | 79 |
| 14 | Dehydrochlorination to Silylenes by N-Heterocyclic Carbenes. <i>Organometallics</i> , 2009, 28, 5191-5195. | 2.3 | 79 |
| 15 | 2-Hydro-2-aminophosphasilene with N-Si-P Conjugation. <i>Organometallics</i> , 2013, 32, 1-4. | 2.3 | 75 |
| 16 | Comparison of Anionic and Lewis Acid Stabilized N-Heterocyclic Oxoboranes: Their Facile Synthesis from a Borinic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2816-2819. | 13.8 | 66 |
| 17 | Silylation of N-heterocyclic carbene with aminochlorosilane and -disilane: dehydrohalogenation vs. Si-Si bond cleavage. <i>Dalton Transactions</i> , 2011, 40, 11937. | 3.3 | 65 |
| 18 | Isolation of a 1,2-Dialuminacyclobutene. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2245-2247. | 13.8 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Pyrrylaluminato Complexes of Zn, Mg and Al. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 1060-1065. | 2.0 | 63 |
| 20 | Cesium Carbonate-Catalyzed Reduction of Amides with Hydrosilanes. <i>Organometallics</i> , 2013, 32, 7440-7444. | 2.3 | 62 |
| 21 | Base-Stabilized 1-Silacyclopenta-2,4-dienylidenes. <i>Organometallics</i> , 2010, 29, 3063-3065. | 2.3 | 59 |
| 22 | Access to B α -S and B α -Se Double Bonds via Sulfur and Selenium Insertion into a B α -H Bond and Hydrogen Migration. <i>Journal of the American Chemical Society</i> , 2010, 132, 10998-10999. | 13.7 | 58 |
| 23 | Synthesis and Characterization of 1-Aza-allyl Complexes with Al α -Al, Ga α -Ga, and In α -In Bonds. <i>Organometallics</i> , 2000, 19, 3085-3090. | 2.3 | 57 |
| 24 | Regioselective Functionalization of Stable BN α -Modified Luminescent Tetraperhenes for High α -Resolution Fingerprint Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10132-10137. | 13.8 | 55 |
| 25 | Synthesis of 1,2-Borazonaphthalenes from Imines by Base-Promoted Borylation of C α -H bond. <i>Journal of Organic Chemistry</i> , 2015, 80, 3737-3744. | 3.2 | 50 |
| 26 | Rare-Earth-Catalyzed Regioselective Hydrosilylation of Aryl-Substituted Internal Alkenes. <i>ACS Catalysis</i> , 2018, 8, 2230-2235. | 11.2 | 49 |
| 27 | Cesium Carbonate Catalyzed Chemoselective Hydrosilylation of Aldehydes and Ketones under Solvent α -Free Conditions. <i>Chemistry - A European Journal</i> , 2014, 20, 9259-9262. | 3.3 | 46 |
| 28 | N α -Heterocyclic Carbene α -Ytterbium Amide as a Recyclable Homogeneous Precatalyst for Hydrophosphination of Alkenes and Alkynes. <i>Chemistry - A European Journal</i> , 2016, 22, 5778-5785. | 3.3 | 46 |
| 29 | Formation of aluminacyclobutenes via carbon monoxide and isocyanide insertion. <i>Chemical Communications</i> , 2006, , 1763. | 4.1 | 45 |
| 30 | Intramolecular Cyclopropanation of Alkali-Metal-Substituted Silylene with the Aryl Substituent of an N-Heterocyclic Framework. <i>Inorganic Chemistry</i> , 2019, 58, 12007-12010. | 4.0 | 45 |
| 31 | Synthesis and Reactivity of a Base-Free N-Heterocyclic Silanimine. <i>Organometallics</i> , 2010, 29, 5738-5740. | 2.3 | 44 |
| 32 | The synthesis of BN-embedded tetraperhenes and their photophysical properties. <i>Chemical Communications</i> , 2016, 52, 4227-4230. | 4.1 | 42 |
| 33 | Modular Synthesis of Pentagonal and Hexagonal Ring-Fused NBN-Phenalenenes Leading to an Excited-State Aromatization-Induced Structural Planarization Molecular Library. <i>Journal of the American Chemical Society</i> , 2021, 143, 5903-5916. | 13.7 | 41 |
| 34 | An arene-tethered silylene ligand enabling reversible dinitrogen binding to iron and catalytic silylation. <i>Chemical Communications</i> , 2018, 54, 8124-8127. | 4.1 | 40 |
| 35 | Catalytic Selective Dihydrosilylation of Internal Alkynes Enabled by Rare α -Earth Ate Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2365-2369. | 13.8 | 38 |
| 36 | Synthesis and Characterization of Linear and Square-Planar Nickel Complexes with Primary Amido Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 3468-3470. | 4.0 | 37 |

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|----|--|------|-----------|
| 37 | Divalent Lanthanide Metal Complexes of a Triazacyclononane-Functionalized Tetramethylcyclopentadienyl Ligand: X-ray Crystal Structures of $[C_5Me_4SiMe_2(iPr)_2-tacn]]LnI$ ($Ln = Sm, Y$) <i>J. Am. Chem. Soc.</i> , 2010, 132, 7843-7844. | 12.3 | 34 |
| 38 | Synthesis of a Base-Stabilized σ -Hydrosilanimine via NHC-Mediated Dehydrohalogenation of Hydrochlorosilane. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1138-1141. | 3.3 | 36 |
| 39 | Metal-Free, Stereospecific Bis-Silylation of Functionalized Alkynes with NHC-Supported Silylamino-silylene. <i>Organometallics</i> , 2012, 31, 7339-7342. | 2.3 | 35 |
| 40 | Multiple C-H Borylation of Phenylhydrazones to Boron-Nitrogen Analogues of Benzopentalene. <i>Chemical Communications</i> , 2015, 51, 5732-5734. | 4.1 | 35 |
| 41 | Sequential Addition of Phosphine to Alkynes for the Selective Synthesis of 1,2-Diphosphinoethanes under Catalysis. Well-Defined NHC-Copper Phosphides vs in Situ $CuCl_2$ /NHC Catalyst. <i>Organometallics</i> , 2017, 36, 455-459. | 2.3 | 35 |
| 42 | N-Heterocyclic Carbene Organocatalysts for Dehydrogenative Coupling of Silanes and Hydroxyl Compounds. <i>Chemistry - A European Journal</i> , 2013, 19, 11143-11147. | 3.3 | 34 |
| 43 | Activation of Ene-Diamido Samarium Methoxide with Hydrosilane for Selectively Catalytic Hydrosilylation of Alkenes and Polymerization of Styrene: an Experimental and Theoretical Mechanistic Study. <i>Inorganic Chemistry</i> , 2016, 55, 9105-9111. | 4.0 | 34 |
| 44 | Chemistry of s-, p- and f-block metal complexes with ene-diamido ligands. <i>Coordination Chemistry Reviews</i> , 2019, 383, 132-154. | 18.8 | 33 |
| 45 | Rare-earth metal catalysts for alkene hydrosilylation. <i>Science China Chemistry</i> , 2019, 62, 571-582. | 8.2 | 32 |
| 46 | Rare-Earth-Catalyzed Selective 1,4-Hydrosilylation of Branched 1,3-Enynes Giving Tetrasubstituted Silyllallenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 12913-12918. | 13.7 | 30 |
| 47 | Isolation of a 1-Magnesium-2,3-disilacyclopropene and a Related Bis(disilenide). <i>Journal of the American Chemical Society</i> , 2020, 142, 4131-4135. | 13.7 | 27 |
| 48 | Monomeric and Linear Polymeric Samarium(II) Complexes of the 2-(N-Arylimino)pyrrolide Ligand. <i>Organometallics</i> , 2009, 28, 3100-3104. | 2.3 | 26 |
| 49 | Synthesis and Reactions of η^5 -Conjugated Iminoboranes Stabilized by Intramolecular Imine Groups. <i>Organometallics</i> , 2013, 32, 6875-6878. | 2.3 | 26 |
| 50 | NHC-Stabilized Silicon-Carbon Mixed Cumulene. <i>Journal of the American Chemical Society</i> , 2016, 138, 10421-10424. | 13.7 | 26 |
| 51 | Isolation of R_6Si_6 Dianion: A Bridged Tricyclic Isomer of Dianionic Hexasilabenzene. <i>Journal of the American Chemical Society</i> , 2018, 140, 1219-1222. | 13.7 | 24 |
| 52 | Syntheses and Structures of the Arylaluminum Chalcogenides $(ArAlE)_2$ ($Ar = 2-(NEt_2CH_2)-6-MeC_6H_3$, $E = O, S$) <i>J. Am. Chem. Soc.</i> , 2000, 122, 9000-9003. | 4.0 | 23 |
| 53 | Facile Generation of Aluminum 1,2-Dihydropyridyl and Hydroxyl Derivatives from an Aluminum Cyclopropene Analogue. <i>Organometallics</i> , 2006, 25, 5665-5667. | 2.3 | 23 |
| 54 | The Reactivity of a Silacyclopentadienyldiene towards Aldehydes: Silole Ring Expansion and the Formation of Base-Stabilized Silacyclohexadienones. <i>Chemistry - A European Journal</i> , 2011, 17, 8803-8806. | 3.3 | 23 |

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|----|--|------|-----------|
| 55 | Controlled Oxidation of an NHC-Stabilized Phosphinoaminosilylene with Dioxygen. <i>Inorganic Chemistry</i> , 2016, 55, 46-50. | 4.0 | 22 |
| 56 | Perspective on Organoboron Chemistry. <i>Synlett</i> , 2021, 32, 1316-1322. | 1.8 | 20 |
| 57 | Dehydrosilylation of ArNHSiH_3 with Ytterbium(II) Amide: Formation of a Dimeric Ytterbium(II) Silanimine Complex. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8958-8961. | 13.8 | 19 |
| 58 | Reactivity of ytterbium(II) silylamide supported by a pyrrolyl-cyclopentadienyl ligand. <i>Dalton Transactions</i> , 2015, 44, 767-772. | 3.3 | 18 |
| 59 | Synthesis, Structures, and Reactivity of Nickel Complexes Incorporating Sulfonamido-Imine Ligands. <i>Organometallics</i> , 2008, 27, 1605-1611. | 2.3 | 17 |
| 60 | Isolable Boron Persulfide: Activation of Elemental Sulfur with a $\text{2-chloroazaborolyl}$ Anion. <i>Chemistry - A European Journal</i> , 2016, 22, 2902-2905. | 3.3 | 17 |
| 61 | Synthesis of Silaketenimine Anion and Its Coupling with Isocyanide. <i>Journal of the American Chemical Society</i> , 2019, 141, 19600-19604. | 13.7 | 17 |
| 62 | New Approaches to N-Heterocyclic-Carbene-Coordinated Iminoborane and Borenium Species. <i>Inorganic Chemistry</i> , 2020, 59, 5261-5265. | 4.0 | 17 |
| 63 | C^{\sim}H and Si^{\sim}N Bond Oxygenations of a Divalent Ytterbium Amide of the Pyrrolyl-Cyclopentadienyl Ligand. <i>Organometallics</i> , 2009, 28, 3970-3972. | 2.3 | 16 |
| 64 | Synthesis of Boryl-Substituted Disilane, Disilene, and Silyl Cation. <i>Organometallics</i> , 2020, 39, 4164-4168. | 2.3 | 16 |
| 65 | Base-stabilized silimine and its donor-free dimer derived from the reaction of NHC-supported silylene with SiCl_4 . <i>Dalton Transactions</i> , 2015, 44, 20326-20329. | 3.3 | 15 |
| 66 | Selective Silylation of Nitriles with an NHC-Stabilized Silylene to 1,2-Disilylimines and Subsequent Synthesis of Silaaziridines. <i>Organometallics</i> , 2016, 35, 1358-1360. | 2.3 | 15 |
| 67 | Synthesis of bis-BN-Naphthalene-Fused Oxepins and Their Photoluminescence Including White-Light Emission. <i>Journal of Organic Chemistry</i> , 2020, 85, 526-536. | 3.2 | 15 |
| 68 | Synthesis and Reactivity of $\text{N}^{\sim}\text{Heterocyclic}$ Silylene Stabilized Disilicon(0) Complexes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 15 |
| 69 | One-Step Access to Luminescent Pentaaryldiazaboroles via C^{\sim}C Double Bond Formation from Imidoystannanes. <i>Journal of the American Chemical Society</i> , 2012, 134, 14666-14669. | 13.7 | 14 |
| 70 | $\text{2-chloroazaborolyl}$ Anion: A Source of 1,2-Azaborole Isosteric to Cyclopentadienylidene. <i>Chemistry - A European Journal</i> , 2014, 20, 9500-9503. | 3.3 | 14 |
| 71 | Controlled synthesis of cyclosiloxanes by NHC-catalyzed hydrolytic oxidation of dihydrosilanes. <i>Dalton Transactions</i> , 2017, 46, 8746-8750. | 3.3 | 14 |
| 72 | Samarium-Catalyzed Diastereoselective Double Addition of Phenylphosphine to Imines and Mechanistic Studies by DFT Calculations. <i>ChemCatChem</i> , 2017, 9, 1368-1372. | 3.7 | 13 |

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|----|---|------|-----------|
| 73 | Synthesis of divalent ytterbium terphenylamide and catalytic application for regioselective hydrosilylation of alkenes. <i>Dalton Transactions</i> , 2017, 46, 10957-10962. | 3.3 | 13 |
| 74 | Cesium Carbonate-Catalyzed Oxidation of Substituted Phenylsilanes for the Efficient Synthesis of Polyhedral Oligomeric Silsesquioxanes. <i>Inorganic Chemistry</i> , 2018, 57, 13477-13485. | 4.0 | 13 |
| 75 | Isolation of a planar 1,2-dilithio-disilene and its conversion to a Si ^{δ+} -B hybrid 2 ⁺ -electron system and a planar tetraboroyldisilene. <i>Chemical Science</i> , 2021, 12, 14635-14640. | 7.4 | 13 |
| 76 | Regioselective Functionalization of Stable BN-Modified Luminescent Tetraphenes for High-Resolution Fingerprint Imaging. <i>Angewandte Chemie</i> , 2019, 131, 10238-10243. | 2.0 | 12 |
| 77 | Yttrium dialkyl supported by a silaamidinate ligand: synthesis, structure and catalysis on cyclotrimerization of isocyanates. <i>Chemical Communications</i> , 2019, 55, 12324-12327. | 4.1 | 12 |
| 78 | A Cyclopropenylaluminum Derivative from Hydrolysis and Alcoholysis of an Aluminacyclobutenone. <i>Organometallics</i> , 2007, 26, 1308-1310. | 2.3 | 11 |
| 79 | Reactivity of an NHC-stabilized silylene towards ketones. Formation of silicon bis-enolates vs. bis-silylation of the C=O bond. <i>Dalton Transactions</i> , 2015, 44, 14085-14091. | 3.3 | 11 |
| 80 | Reaction of a boryl anion with silicon halides and alkoxy-silanes: Synthesis of borylsilanes. <i>Journal of Organometallic Chemistry</i> , 2020, 906, 121041. | 1.8 | 11 |
| 81 | Cyclic (Alkyl)(amino)carbene Lanthanide Amides: Synthesis, Structure, and Catalytic Selective Hydrosilylation of Alkenes. <i>Inorganic Chemistry</i> , 2021, 60, 12696-12702. | 4.0 | 11 |
| 82 | Isolable 1,1-Disubstituted Silole Dianion: a Homogeneous Two-Electron-Transfer Reducing Reagent. <i>Inorganic Chemistry</i> , 2014, 53, 5890-5892. | 4.0 | 10 |
| 83 | Reaction of a bulky amine borane with lanthanide trialkyls. Formation of alkyl lanthanide imide complexes. <i>New Journal of Chemistry</i> , 2015, 39, 7567-7570. | 2.8 | 10 |
| 84 | Silole Silylene Route to NHC-Stabilized Fused 1,1-Silabicycles and 1,1-Spirobisiloles. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1218-1223. | 3.3 | 10 |
| 85 | Rare-Earth-Catalyzed Selective Synthesis of Linear Hydridopolycarbosilanes and Their Functionalization. <i>Macromolecules</i> , 2021, 54, 673-678. | 4.8 | 10 |
| 86 | Synthesis of an N-Heterocyclic Boryl-Stabilized Disilyne and Its Application to the Activation of Dihydrogen and C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 10 |
| 87 | Rare-Earth-Catalyzed Hydrosilylation and Dehydrogenative Coupling of Hydrosilanes. <i>Synlett</i> , 2021, 32, 962-970. | 1.8 | 9 |
| 88 | Synthesis of 2-arylimino)pyrrolide nickel complexes and polymerization of methyl methacrylate. <i>Applied Organometallic Chemistry</i> , 2010, 24, 82-85. | 3.5 | 8 |
| 89 | Cyclopropanation and Isomerization Reactions of ^η 2-Diketiminato Boron Complexes. <i>Organometallics</i> , 2012, 31, 4405-4408. | 2.3 | 8 |
| 90 | Cyclopentadienyl Yttrium Ene-Diamido Complexes: Coupling of the Ene-Diamido Ligand with Isocyanate. <i>Organometallics</i> , 2015, 34, 683-685. | 2.3 | 8 |

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|-----|---|-----|-----------|
| 91 | Catalytic Selective Dihydrosilylation of Internal Alkynes Enabled by Rare-Earth Ate Complex. <i>Angewandte Chemie</i> , 2020, 132, 2385-2389. | 2.0 | 8 |
| 92 | Synthesis and Reactivity of N-heterocyclic Carbene Stabilized Lanthanide(II) Bis(amido) Complexes. <i>Organometallics</i> , 2021, 40, 1728-1734. | 2.3 | 8 |
| 93 | Heterocyclic Carbene-Catalyzed Hydride Transfer in the Hydroboration of Carbonyl Compounds. <i>Chinese Journal of Chemistry</i> , 2019, 37, 679-683. | 4.9 | 7 |
| 94 | Synthesis, Structure, and Magnetic Properties of Rare-Earth Benzoborole Complexes. <i>Organometallics</i> , 2021, 40, 2394-2399. | 2.3 | 7 |
| 95 | Synthesis of Cationic Silaamidinate Germynes and Stannylenes and the Catalytic Application for Hydroboration of Pyridines. <i>Inorganic Chemistry</i> , 2021, 60, 14038-14046. | 4.0 | 7 |
| 96 | Synthesis, Characterization, and Reversible Multielectron Redox Properties of a Biradical Yttrium Complex Containing Bis(2-isopropylaminophenyl)amide. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2231-2235. | 2.0 | 6 |
| 97 | From BN-Naphthalenes to Benzoborole Dianions. <i>Chemistry - A European Journal</i> , 2021, 27, 9514-9518. | 3.3 | 5 |
| 98 | CpFe(CO) ₂ anion-catalyzed highly efficient hydrosilylation of ketones and aldehydes. <i>Dalton Transactions</i> , 2021, 50, 11016-11020. | 3.3 | 5 |
| 99 | Reactivity of the 2-Chloroazaborolyl Anion. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4480-4484. | 2.0 | 4 |
| 100 | C=C Activation to BNB-Embedded Indenophenanthrenes. <i>Electronic Structure and Reactivity. Organometallics</i> , 2021, 40, 1015-1019. | 2.3 | 4 |
| 101 | Selective Hydroboration of Alkynes Enabled by a Silylene Iron(0) Dinitrogen Complex. <i>Acta Chimica Sinica</i> , 2020, 78, 763. | 1.4 | 4 |
| 102 | Synthesis and Reactivity of N-Heterocyclic Silylene Stabilized Disilicon(0) Complexes. <i>Angewandte Chemie</i> , 2022, 134, . | 2.0 | 4 |
| 103 | Synthesis and study of an unprecedented 1-hydro-1-lithio-1-silafluorene anion. <i>Dalton Transactions</i> , 2016, 45, 18447-18449. | 3.3 | 3 |
| 104 | Synthesis and Structure of a Dimeric Yttrium Complex [LSi(BH ₃) ₃](C ₅ Me ₄)Y(CH ₂ SiMe ₃) ₂] ₂ (L = PhC(N ^t Bu) ₂) and Its Catalytic Application for Hydroboration of Ketones and Aldehydes. <i>Organometallics</i> , 2021, 40, 4092-4097. | 2.3 | 3 |
| 105 | Zwitterionic Hydroboranes Stabilized by λ^2 -Diimine Framework. <i>Chinese Journal of Chemistry</i> , 2017, 35, 886-888. | 4.9 | 1 |
| 106 | Synthesis of an N-Heterocyclic Boryl-Stabilized Disilyne and its Application to the Activation of Dihydrogen and C-H Bonds. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 0 |