

Sehoon Park

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,529
citations

361413

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434195

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docs citations

31
times ranked

1395
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Recent Advances in Metal-Catalyzed Asymmetric Hydroboration of Ketones. <i>ChemCatChem</i> , 2021, 13, 1898-1919. | 3.7 | 26 |
| 2 | Comparative DFT Study on Dehydrogenative C(sp) ³ -H Elementation (E = Si, Ge, and Sn) of Terminal Alkynes Catalyzed by a Cationic Ruthenium(II) Thiolate Complex. <i>Inorganic Chemistry</i> , 2021, 60, 6228-6238. | 4.0 | 4 |
| 3 | Double Hydroboration of Quinolines <i>via</i> Borane Catalysis: Diastereoselective One Pot Synthesis of β -Hydroxytetrahydroquinolines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 308-313. | 4.3 | 21 |
| 4 | Recent advances in transition metal-free catalytic hydroelementation (E = B, Si, Ge, and Sn) of alkynes. <i>RSC Advances</i> , 2020, 10, 43539-43565. | 3.6 | 32 |
| 5 | Light-mediated olefin coordination polymerization and photoswitches. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2088-2106. | 4.5 | 10 |
| 6 | Dual reactivity of B(C ₆ F ₅) ₃ enables the silylative cascade conversion of <i>N</i> -aryl piperidines to sila-N-heterocycles: DFT calculations. <i>Organic Chemistry Frontiers</i> , 2020, 7, 944-952. | 4.5 | 20 |
| 7 | Recent Advances in Catalytic Dearomative Hydroboration of <i>N</i> -Heteroarenes. <i>ChemCatChem</i> , 2020, 12, 3170-3185. | 3.7 | 31 |
| 8 | B(C ₆ F ₅) ₃ -Catalyzed <i>sp</i> ³ -C-Si Bond Forming Consecutive Reactions. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1057-1071. | 4.9 | 21 |
| 9 | Metal-Free Carbocyclization of Homoallylic Silyl Ethers Leading to Cyclopropanes and Cyclobutanes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1637-1640. | 2.7 | 5 |
| 10 | Alkoxide-Promoted Selective Hydroboration of <i>N</i> -Heteroarenes: Pivotal Roles of in situ Generated BH ₃ in the Dearomatization Process. <i>Chemistry - A European Journal</i> , 2019, 25, 6320-6325. | 3.3 | 43 |
| 11 | Sequential C-H Borylation and N-Demethylation of 1,1'-Biphenylamines: Alternative Route to Polycyclic <i>N</i> -Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7361-7365. | 13.8 | 17 |
| 12 | Catalytic Reduction of Cyclic Ethers with Hydrosilanes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2048-2066. | 3.3 | 14 |
| 13 | Sequential C-H Borylation and N-Demethylation of 1,1'-Biphenylamines: Alternative Route to Polycyclic <i>N</i> -Heteroarenes. <i>Angewandte Chemie</i> , 2019, 131, 7439-7443. | 2.0 | 2 |
| 14 | Reductive Carbocyclization of Homoallylic Alcohols to <i>syn</i> -Cyclobutanes by a Boron-Catalyzed Dual Ring-Closing Pathway. <i>Angewandte Chemie</i> , 2018, 130, 2722-2726. | 2.0 | 8 |
| 15 | Silylative Reductive Amination of α,β -Unsaturated Aldehydes: A Convenient Synthetic Route to β -Silylated Secondary Amines. <i>Chemistry - A European Journal</i> , 2018, 24, 5765-5769. | 3.3 | 23 |
| 16 | Reductive Carbocyclization of Homoallylic Alcohols to <i>syn</i> -Cyclobutanes by a Boron-Catalyzed Dual Ring-Closing Pathway. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2692-2696. | 13.8 | 28 |
| 17 | Catalytic Access to Bridged Sila- <i>N</i> -heterocycles from Piperidines via Cascade <i>sp</i> ³ and <i>sp</i> ² -C-Si Bond Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 13209-13213. | 13.7 | 108 |
| 18 | Piers TM borane-mediated hydrosilylation of epoxides and cyclic ethers. <i>Chemical Communications</i> , 2018, 54, 7243-7246. | 4.1 | 26 |

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|----|--|------|-----------|
| 19 | Catalytic Dearomatization of N-Heteroarenes with Silicon and Boron Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7720-7738. | 13.8 | 160 |
| 20 | Katalytische Desaromatisierung von N-Heteroarenen mit Silicium- und Borverbindungen. <i>Angewandte Chemie</i> , 2017, 129, 7828-7847. | 2.0 | 50 |
| 21 | Boron-Catalyzed Hydrogenative Reduction of Substituted Quinolines to Tetrahydroquinolines with Hydrosilanes. <i>Synlett</i> , 2017, 28, 2396-2400. | 1.8 | 25 |
| 22 | Selective C=O Bond Cleavage of Sugars with Hydrosilanes Catalyzed by Piers™ Borane Generated In Situ. <i>Angewandte Chemie</i> , 2017, 129, 13945-13949. | 2.0 | 11 |
| 23 | Selective C=O Bond Cleavage of Sugars with Hydrosilanes Catalyzed by Piers™ Borane Generated In Situ. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13757-13761. | 13.8 | 34 |
| 24 | Borane catalysed ring opening and closing cascades of furans leading to silicon functionalized synthetic intermediates. <i>Nature Communications</i> , 2016, 7, 13431. | 12.8 | 61 |
| 25 | Iridium-catalyzed selective 1,2-hydrosilylation of N-heterocycles. <i>Chemical Science</i> , 2016, 7, 5362-5370. | 7.4 | 38 |
| 26 | Boron-Catalyzed Silylative Reduction of Quinolines: Selective sp ³ C-Si Bond Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16780-16783. | 13.7 | 113 |
| 27 | An Efficient Iridium Catalyst for Reduction of Carbon Dioxide to Methane with Trialkylsilanes. <i>Journal of the American Chemical Society</i> , 2012, 134, 11404-11407. | 13.7 | 233 |
| 28 | Development and Mechanistic Investigation of a Highly Efficient Iridium(V) Silyl Complex for the Reduction of Tertiary Amides to Amines. <i>Journal of the American Chemical Society</i> , 2012, 134, 640-653. | 13.7 | 156 |
| 29 | Hydrosilylation of epoxides catalyzed by a cationic σ -1-silane iridium(III) complex. <i>Chemical Communications</i> , 2011, 47, 3643. | 4.1 | 55 |
| 30 | Hydrosilylation of Carbonyl-Containing Substrates Catalyzed by an Electrophilic σ -1-Silane Iridium(III) Complex. <i>Organometallics</i> , 2010, 29, 6057-6064. | 2.3 | 137 |