

Jiefeng Hu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,360
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1035
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Base-Mediated Radical Borylation of Alkyl Sulfones. <i>Chemistry - A European Journal</i> , 2022, 28, . | 3.3 | 14 |
| 2 | Cu-mediated <i>vs.</i> Cu-free selective borylation of aryl alkyl sulfones. <i>Chemical Communications</i> , 2022, 58, 395-398. | 4.1 | 11 |
| 3 | Selective, Transition Metal-free 1,2-Diboration of Alkyl Halides, Tosylates, and Alcohols. <i>Chemistry - A European Journal</i> , 2022, 28, . | 3.3 | 9 |
| 4 | Emerging trends in C(sp ³)-H borylation. <i>Trends in Chemistry</i> , 2022, 4, 685-698. | 8.5 | 20 |
| 5 | Direct Synthesis of \pm -Amino Nitriles from Sulfonamides via Base-Mediated C-H Cyanation. <i>Organic Letters</i> , 2021, 23, 4018-4022. | 4.6 | 6 |
| 6 | Metal-free C(sp ³)-H functionalization of sulfonamides <i>via</i> strain-release rearrangement. <i>Chemical Science</i> , 2021, 12, 4034-4040. | 7.4 | 6 |
| 7 | Recent advances in asymmetric borylation by transition metal catalysis. <i>Chemical Society Reviews</i> , 2021, 50, 13129-13188. | 38.1 | 112 |
| 8 | Transition-Metal-Free Deaminative Vinylation of Alkylamines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4902-4908. | 4.3 | 30 |
| 9 | Copper-catalysed, diboron-mediated <i>cis</i> -dideuterated semihydrogenation of alkynes with heavy water. <i>Chemical Communications</i> , 2019, 55, 6922-6925. | 4.1 | 30 |
| 10 | Selective C ¹⁵ N Borylation of Alkyl Amines Promoted by Lewis Base. <i>Angewandte Chemie</i> , 2018, 130, 15447-15451. | 2.0 | 42 |
| 11 | Selective C ¹⁵ N Borylation of Alkyl Amines Promoted by Lewis Base. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15227-15231. | 13.8 | 166 |
| 12 | Highly tunable multi-borylation of gem-difluoroalkenes via copper catalysis. <i>Nature Catalysis</i> , 2018, 1, 860-869. | 34.4 | 93 |
| 13 | Nickel-catalysed retro-hydroamidocarbonylation of aliphatic amides to olefins. <i>Nature Communications</i> , 2017, 8, 14993. | 12.8 | 79 |
| 14 | Stereoselective Synthesis of Z Fluoroalkenes through Copper-Catalyzed Hydrodefluorination of <i>gem</i> -Difluoroalkenes with Water. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13342-13346. | 13.8 | 141 |
| 15 | Stereoselective Synthesis of Z Fluoroalkenes through Copper-Catalyzed Hydrodefluorination of <i>gem</i> -Difluoroalkenes with Water. <i>Angewandte Chemie</i> , 2017, 129, 13527-13531. | 2.0 | 46 |
| 16 | Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C ¹⁵ N Bond Activation. <i>Angewandte Chemie</i> , 2016, 128, 8860-8864. | 2.0 | 58 |
| 17 | Nickel-Catalyzed Decarbonylative Borylation of Amides: Evidence for Acyl C ¹⁵ N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8718-8722. | 13.8 | 209 |
| 18 | Nickel-Catalyzed Decarbonylative Borylation and Silylation of Esters. <i>ACS Catalysis</i> , 2016, 6, 6692-6698. | 11.2 | 169 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Nickel-Catalyzed Borylation of Aryl- and Benzyltrimethylammonium Salts via C–N Bond Cleavage. Journal of Organic Chemistry, 2016, 81, 14-24. | 3.2 | 119 |