

Hang Shi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,116
citations

516710

16
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

1026
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Enantioselective remote meta-C ⁶ H arylation and alkylation via a chiral transient mediator. <i>Nature</i> , 2018, 558, 581-585. | 27.8 | 204 |
| 2 | Modular C ⁶ H Functionalization Cascade of Aryl Iodides. <i>Journal of the American Chemical Society</i> , 2015, 137, 3775-3778. | 13.7 | 163 |
| 3 | Total Syntheses of Drimane-Type Sesquiterpenoids Enabled by a Gold-Catalyzed Tandem Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 14944-14947. | 13.7 | 112 |
| 4 | Ligand Promoted <i>meta</i> -C ⁶ H Chlorination of Anilines and Phenols. <i>Journal of the American Chemical Society</i> , 2016, 138, 14876-14879. | 13.7 | 100 |
| 5 | Differentiation and functionalization of remote C ⁶ H bonds in adjacent positions. <i>Nature Chemistry</i> , 2020, 12, 399-404. | 13.6 | 98 |
| 6 | Rh(III)-Catalyzed <i>meta</i> -C ⁶ H Alkenylation with Alkynes. <i>Journal of the American Chemical Society</i> , 2019, 141, 76-79. | 13.7 | 89 |
| 7 | Palladium-Catalyzed <i>meta</i> -C ⁶ H Functionalization of Masked Aromatic Aldehydes. <i>ACS Catalysis</i> , 2018, 8, 7362-7367. | 11.2 | 58 |
| 8 | Synthesis of ¹⁸ F- α -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10786-10790. | 13.8 | 38 |
| 9 | Ru(II)-Catalyzed Amination of Aryl Fluorides <i>via</i> η^6 -Coordination. <i>Journal of the American Chemical Society</i> , 2020, 142, 3706-3711. | 13.7 | 36 |
| 10 | Catalytic Amination of Phenols with Amines. <i>Journal of the American Chemical Society</i> , 2022, 144, 1144-1151. | 13.7 | 32 |
| 11 | Catalytic Hydrogen Isotope Exchange Reactions in Late-Stage Functionalization. <i>Synlett</i> , 2022, 33, 329-338. | 1.8 | 31 |
| 12 | Synthetic Progress toward Azadirachtins. 1. Enantio- and Diastereoselective Synthesis of the Left-Wing Fragment of 11- <i>epi</i> -Azadirachtin I. <i>Organic Letters</i> , 2015, 17, 2342-2345. | 4.6 | 24 |
| 13 | Nickel-Catalyzed Enantioselective \pm -Alkenylation of <i>N</i> -Sulfonyl Amines: Modular Access to Chiral \pm -Branched Amines. <i>Journal of the American Chemical Society</i> , 2021, 143, 4154-4161. | 13.7 | 23 |
| 14 | Catalytic <i>S</i> _N <i>Ar</i> Hydroxylation and Alkoxylation of Aryl Fluorides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20391-20399. | 13.8 | 22 |
| 15 | Rhodium-Catalyzed Stereoselective Deuteration of Benzylic C ⁶ H Bonds via Reversible η^6 -Coordination. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 22 |
| 16 | Ni-catalyzed hydroalkylation of olefins with <i>N</i> -sulfonyl amines. <i>Nature Communications</i> , 2021, 12, 5881. | 12.8 | 19 |
| 17 | Gold-Catalyzed Enantio- and Diastereoselective Syntheses of Left Fragments of Azadirachtin/Meliacarpin-Type Limonoids. <i>Journal of Organic Chemistry</i> , 2016, 81, 751-771. | 3.2 | 18 |
| 18 | Synthesis of ¹⁸ F- α -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie</i> , 2016, 128, 10944-10948. | 2.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Cobalt-catalyzed divergent functionalization of N-sulfonyl amines via β -carbon elimination. <i>Science China Chemistry</i> , 2022, 65, 2214-2218. | 8.2 | 5 |
| 20 | Catalytic S_NAr Hydroxylation and Alkoxylation of Aryl Fluorides. <i>Angewandte Chemie</i> , 2021, 133, 20554-20562. | 2.0 | 4 |
| 21 | Rhodium-Catalyzed Stereoselective Deuteration of Benzylic C-H Bonds via Reversible η^6 -Coordination. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 4 |
| 22 | Transition-Metal-Catalyzed Amination of Aryl Fluorides. <i>Synlett</i> , 2020, 31, 1135-1139. | 1.8 | 3 |
| 23 | External-Ligand-Free, Nickel-Catalyzed Alkenylation of N-Sulfonylamines with Internal Alkynes. <i>Synthesis</i> , 0, , . | 2.3 | 0 |