

Feng-Lian Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9003177/publications.pdf>

Version: 2024-02-01

23
papers

964
citations

567281

15
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

539
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | C–F bond functionalizations of trifluoromethyl groups via radical intermediates. Chinese Chemical Letters, 2022, 33, 1193-1198. | 9.0 | 54 |
| 2 | 4-Dimethylaminopyridine-Boryl Radical Promoted Monodefluorinative Alkylation of 3,3-Difluorooxindoles. Chinese Journal of Chemistry, 2022, 40, 577-581. | 4.9 | 13 |
| 3 | Stereoselective hydrogen atom transfer to acyclic radicals: a switch enabling diastereodivergent borylative radical cascades. Nature Communications, 2022, 13, 426. | 12.8 | 16 |
| 4 | Dehydroxylative Alkylation of α -Hydroxy Carboxylic Acid Derivatives via a Spin-Center Shift. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 13 |
| 5 | Application of the Spin-Center Shift in Organic Synthesis. JACS, 2022, 2, 1032-1042. | 7.9 | 29 |
| 6 | Stereoselective Copper-Catalyzed Direct Aldol Reaction of α -Unsaturated α -Ketoesters with Coumaranones. Chemistry - A European Journal, 2021, 27, 581-584. | 3.3 | 11 |
| 7 | Sequential C–F bond functionalizations of trifluoroacetamides and acetates via spin-center shifts. Science, 2021, 371, 1232-1240. | 12.6 | 166 |
| 8 | Copper-Catalyzed <i>Anti</i> -Markovnikov Hydrosilylation of Terminal Alkynes. Organic Letters, 2020, 22, 7735-7742. | 4.6 | 23 |
| 9 | Selective <i>N</i> -monomethylation of primary anilines with the controllable installation of <i>N</i> -CH ₂ D, <i>N</i> -CHD ₂ , and <i>N</i> -CD ₃ units. Organic and Biomolecular Chemistry, 2020, 18, 4922-4926. | 2.8 | 7 |
| 10 | New Radical Borylation Pathways for Organoboron Synthesis Enabled by Photoredox Catalysis. Angewandte Chemie, 2020, 132, 12976-12984. | 2.0 | 15 |
| 11 | New Radical Borylation Pathways for Organoboron Synthesis Enabled by Photoredox Catalysis. Angewandte Chemie - International Edition, 2020, 59, 12876-12884. | 13.8 | 93 |
| 12 | Regioselective Radical Hydroboration of <i>gem</i> -Difluoroalkenes: Synthesis of α -Borylated Organofluorines. Organic Letters, 2019, 21, 8414-8418. | 4.6 | 36 |
| 13 | Regioselective radical hydroboration of electron-deficient alkenes: synthesis of α -boryl functionalized molecules. Chemical Communications, 2019, 55, 11904-11907. | 4.1 | 39 |
| 14 | Enantioselective Ring-Opening/Oxidative Phosphorylation and P-Transfer Reaction of Cyclic Diaryliodoniums. ACS Catalysis, 2019, 9, 9852-9858. | 11.2 | 45 |
| 15 | Regioselective radical α -borylation of α,β -unsaturated carbonyl compounds for direct synthesis of α -borylcarbonyl molecules. Nature Communications, 2019, 10, 1934. | 12.8 | 80 |
| 16 | Radical Borylative Cyclization of 1,6-Dienes: Synthesis of Boron-Substituted Six-Membered Heterocycles and Carbocycles. Organic Letters, 2018, 20, 2360-2364. | 4.6 | 42 |
| 17 | Lewis Base-Boryl Radicals Enabled the Desulfurizative Reduction and Annulation of Thioamides. Organic Letters, 2018, 20, 24-27. | 4.6 | 42 |
| 18 | Synthesis of Diverse Boron-Handled N-Heterocycles via Radical Borylative Cyclization of <i>N</i> -Allylcyanamides. Organic Letters, 2018, 20, 7558-7562. | 4.6 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Selective β -Monomethylation by an Amine-Borane/ <i>N,N</i> -Dimethylformamide System as the Methyl Source. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11770-11775. | 13.8 | 42 |
| 20 | Selective β -Monomethylation by an Amine-Borane/ <i>N,N</i> -Dimethylformamide System as the Methyl Source. <i>Angewandte Chemie</i> , 2018, 130, 11944-11949. | 2.0 | 9 |
| 21 | Radical Borylation/Cyclization Cascade of 1,6-Enynes for the Synthesis of Boron-Handled Hetero- and Carbocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 6050-6053. | 13.7 | 132 |
| 22 | Controllable regio- and stereo-selective coupling reactions of homoallenylboronates. <i>Organic Chemistry Frontiers</i> , 0, , . | 4.5 | 4 |
| 23 | Dehydroxylative Alkylation of β -Hydroxy Carboxylic Acids Derivatives via Spin-Center Shift. <i>Angewandte Chemie</i> , 0, , . | 2.0 | 1 |