

Jason Chruma

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

950
citations

623734

14
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

987
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Î±-Amino Acids and Peptides as Bifunctional Reagents: Carbocarboxylation of Activated Alkenes via Recycling CO ₂ . Journal of the American Chemical Society, 2021, 143, 2812-2821. | 13.7 | 84 |
| 2 | Design and Synthesis of Fluorescent 1,3-Diaryl-Î²-carbolines and 1,3-Diaryl-3,4-dihydro-Î²-carbolines. ACS Omega, 2021, 6, 12238-12249. | 3.5 | 6 |
| 3 | Visible-light photoredox-catalyzed umpolung carboxylation of carbonyl compounds with CO ₂ . Nature Communications, 2021, 12, 3306. | 12.8 | 37 |
| 4 | Synthesis of Conformationally Liberated Yohimbine Analogues and Evaluation of Cytotoxic Activity. ACS Omega, 2021, 6, 19291-19303. | 3.5 | 4 |
| 5 | Supramolecular enantiomeric and structural differentiation of amino acid derivatives with achiral pillar[5]arene homologs. Chemical Communications, 2020, 56, 161-164. | 4.1 | 67 |
| 6 | Redox-Triggered Chirality Switching and Guest-Capture/Release with a Pillar[6]arene-Based Molecular Universal Joint. Angewandte Chemie - International Edition, 2020, 59, 8094-8098. | 13.8 | 89 |
| 7 | Redox-Triggered Chirality Switching and Guest-Capture/Release with a Pillar[6]arene-Based Molecular Universal Joint. Angewandte Chemie, 2020, 132, 8171-8175. | 2.0 | 20 |
| 8 | Enantioselective photoinduced cyclodimerization of a prochiral anthracene derivative adsorbed on helical metal nanostructures. Nature Chemistry, 2020, 12, 551-559. | 13.6 | 90 |
| 9 | Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. Chemistry - A European Journal, 2019, 25, 12526-12537. | 3.3 | 30 |
| 10 | Nickel-Catalyzed Decarboxylative Generation and Asymmetric Allylation of 2-Azaallyl Anions. Journal of Organic Chemistry, 2019, 84, 10102-10110. | 3.2 | 13 |
| 11 | Precise Manipulation of Temperature-Driven Chirality Switching of Molecular Universal Joints through Solvent Mixing. Chemistry - A European Journal, 2019, 25, 12451-12451. | 3.3 | 2 |
| 12 | Efficient Triplet-Triplet Annihilation Upconversion with an Anti-Stokes Shift of 1.08 eV Achieved by Chemically Tuning Sensitizers. Journal of the American Chemical Society, 2019, 141, 15070-15077. | 13.7 | 90 |
| 13 | Palladium-Catalyzed Decarboxylative Generation and Regiodivergent Prenylation of 2-Azaallyl Anions. Advanced Synthesis and Catalysis, 2019, 361, 3751-3757. | 4.3 | 13 |
| 14 | Palladium-Catalyzed Decarboxylative Generation and Propargylation of 2-Azaallyl Anions. European Journal of Organic Chemistry, 2019, 2019, 3964-3978. | 2.4 | 5 |
| 15 | Room-temperature phosphorescent Î³-cyclodextrin-cucurbit[6]uril-cowheeled [4]rotaxanes for specific sensing of tryptophan. Chemical Communications, 2019, 55, 3156-3159. | 4.1 | 62 |
| 16 | Polyunsaturated fatty acid amides from the <i>Zanthoxylum</i> genus from culinary curiosities to probes for chemical biology. Natural Product Reports, 2018, 35, 54-74. | 10.3 | 40 |
| 17 | Exploring the Steric and Electronic Factors Governing the Regio- and Enantioselectivity of the Pd-Catalyzed Decarboxylative Generation and Allylation of 2-Azaallyl Anions. Journal of Organic Chemistry, 2018, 83, 4054-4069. | 3.2 | 20 |
| 18 | 2-Azaallyl Anions, 2-Azaallyl Cations, 2-Azaallyl Radicals, and Azomethine Ylides. Chemical Reviews, 2018, 118, 10393-10457. | 47.7 | 176 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 2-azaallyl Anions as Light-Tunable Super-Electron-Donors: Coupling with Aryl Fluorides, Chlorides, and Bromides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2854-2868. | 4.3 | 39 |
| 20 | Mechanism of the Pd-catalyzed Decarboxylative Allylation of α -amino Esters: Decarboxylation via Free Carboxylate Ion. <i>Chemistry - A European Journal</i> , 2012, 18, 14527-14538. | 3.3 | 62 |