

Hongchao Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

660
citations

759233

12
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

766
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mild and selective boronic acid catalyzed 1,3-transposition of allylic alcohols and Meyer-Schuster rearrangement of propargylic alcohols. <i>Chemical Science</i> , 2011, 2, 1305. | 7.4 | 100 |
| 2 | Boronic Acid Catalysis for Mild and Selective [3+2] Dipolar Cycloadditions to Unsaturated Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2010, 16, 5454-5460. | 3.3 | 95 |
| 3 | Boronic Acid Catalysis as a Mild and Versatile Strategy for Direct Carbo- and Heterocyclizations of Free Allylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6187-6190. | 13.8 | 88 |
| 4 | Gold-Catalyzed Enantioselective Ring-Expanding Cycloisomerization of Cyclopropylidene Bearing 1,5-Enynes. <i>Organic Letters</i> , 2014, 16, 2272-2275. | 4.6 | 68 |
| 5 | Assessing inhibitors of mutant isocitrate dehydrogenase using a suite of pre-clinical discovery assays. <i>Scientific Reports</i> , 2017, 7, 12758. | 3.3 | 59 |
| 6 | Mild and efficient boronic acid catalysis of Diels-Alder cycloadditions to 2-alkynoic acids. <i>Tetrahedron Letters</i> , 2010, 51, 3561-3564. | 1.4 | 54 |
| 7 | Mild boronic acid catalyzed Nazarov cyclization of divinyl alcohols in tandem with Diels-Alder cycloaddition. <i>Tetrahedron Letters</i> , 2013, 54, 91-94. | 1.4 | 34 |
| 8 | Solid-supported ortho-iodoarylboronic acid catalyst for direct amidation of carboxylic acids. <i>Tetrahedron Letters</i> , 2013, 54, 4475-4478. | 1.4 | 25 |
| 9 | Gold-Catalyzed Diastereoselective Cycloisomerization of Alkylidene-Cyclopropane-Bearing 1,6-Diynes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7904-7907. | 13.8 | 25 |
| 10 | Conformational constraints of cyclopentane peptide nucleic acids facilitate tunable binding to DNA. <i>Nucleic Acids Research</i> , 2021, 49, 713-725. | 14.5 | 20 |
| 11 | Zirconium-catalyzed Nagata reaction for the synthesis of 2-aryl-1,3,2-aryldioxaborins via a mild three-component condensation of phenols, aldehydes, and boronic acid. <i>Tetrahedron Letters</i> , 2010, 51, 4256-4259. | 1.4 | 15 |
| 12 | Synthesis of Fmoc-Protected (S,S)-trans-Cyclopentane Diamine Monomers Enables the Preparation and Study of Conformationally Restricted Peptide Nucleic Acids. <i>Organic Letters</i> , 2018, 20, 7637-7640. | 4.6 | 12 |
| 13 | Discovery and Optimization of 2-H ¹ -Pyridin-2-one Inhibitors of Mutant Isocitrate Dehydrogenase 1 for the Treatment of Cancer. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4913-4946. | 6.4 | 12 |
| 14 | General and cost-effective synthesis of 1-heteroaryl/arylcycloalkylamines and their broad applications. <i>Tetrahedron</i> , 2016, 72, 1941-1953. | 1.9 | 10 |
| 15 | Cyclopentane FIT-PNAs: bright RNA sensors. <i>Chemical Communications</i> , 2021, 57, 540-543. | 4.1 | 8 |
| 16 | Study on Disulfur-backboned Nucleic Acid: Part 2. Efficient Synthesis of 3 ² ,5 ² -Dithiothymidine. <i>Chemistry Letters</i> , 2005, 34, 432-433. | 1.3 | 6 |
| 17 | Study on Disulfur-Backboned Nucleic Acids: Part 3. Efficient Synthesis of 3 ² ,5 ² -Dithio-2 ² -Deoxyuridine and Deoxycytidine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1272-1281. | 1.1 | 4 |
| 18 | UNC5293, a potent, orally available and highly MERTK-selective inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113534. | 5.5 | 4 |