

# Hongchao Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10552952/publications.pdf>

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	Conformational constraints of cyclopentane peptide nucleic acids facilitate tunable binding to DNA. <i>Nucleic Acids Research</i> , 2021, 49, 713-725.	14.5	20
2	Cyclopentane FIT-PNAs: bright RNA sensors. <i>Chemical Communications</i> , 2021, 57, 540-543.	4.1	8
3	Discovery and Optimization of 2-H <sup>2</sup> -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
4	UNC5293, a potent, orally available and highly MERTK-selective inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113534.	5.5	4
5	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
6	Assessing inhibitors of mutant isocitrate dehydrogenase using a suite of pre-clinical discovery assays. <i>Scientific Reports</i> , 2017, 7, 12758.	3.3	59
7	General and cost-effective synthesis of 1-heteroaryl/arylcycloalkylamines and their broad applications. <i>Tetrahedron</i> , 2016, 72, 1941-1953.	1.9	10
8	Gold-Catalyzed Diastereoselective Cycloisomerization of Alkylidene-Cyclopropane Bearing 1,6-Diynes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7904-7907.	13.8	25
9	Gold-Catalyzed Enantioselective Ring-Expanding Cycloisomerization of Cyclopropylidene Bearing 1,5-Enynes. <i>Organic Letters</i> , 2014, 16, 2272-2275.	4.6	68
10	Solid-supported ortho-iodoarylboronic acid catalyst for direct amidation of carboxylic acids. <i>Tetrahedron Letters</i> , 2013, 54, 4475-4478.	1.4	25
11	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
12	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
13	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
14	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
15	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
16	Zirconium-catalyzed Nagata reaction for the synthesis of 2-aryl-1,3,2-aryldioxaborinins via a mild three-component condensation of phenols, aldehydes, and boronic acid. <i>Tetrahedron Letters</i> , 2010, 51, 4256-4259.	1.4	15
17	Study on Disulfur-Backboned Nucleic Acids: Part 3. Efficient Synthesis of 3 <sup>2</sup> ,5 <sup>2</sup> -Dithio-2 <sup>2</sup> -Deoxyuridine and Deoxycytidine. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2008, 27, 1272-1281.	1.1	4
18	Study on Disulfur-backboned Nucleic Acid: Part 2. Efficient Synthesis of 3 <sup>2</sup> ,5 <sup>2</sup> -Dithiothymidine. <i>Chemistry Letters</i> , 2005, 34, 432-433.	1.3	6