

# Bin Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5012813/publications.pdf>

Version: 2024-02-01

14  
papers

340  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlocking P(V): Reagents for chiral phosphorothioate synthesis. <i>Science</i> , 2018, 361, 1234-1238.	12.6	160
2	Enantiodivergent Formation of Câ€P Bonds: Synthesis of P-Chiral Phosphines and Methylphosphonate Oligonucleotides. <i>Journal of the American Chemical Society</i> , 2020, 142, 5785-5792.	13.7	56
3	Synthesis of the 6-Azaindole Containing HIV-1 Attachment Inhibitor Pro-Drug, BMS-663068. <i>Journal of Organic Chemistry</i> , 2014, 79, 8757-8767.	3.2	39
4	Development of Efficient Processes for the Preparation of Di-tert-butyl Potassium Phosphate and Di-tert-butyl (Chloromethyl) Phosphate. <i>Organic Process Research and Development</i> , 2014, 18, 636-642.	2.7	13
5	Mild and Chemoselective Phosphorylation of Alcohols Using a Î-Reagent. <i>Organic Letters</i> , 2021, 23, 9337-9342.	4.6	13
6	Preparation of the HIV Attachment Inhibitor BMS-663068. Part 2. Strategic Selections in the Transition from an Enabling Route to a Commercial Synthesis. <i>Organic Process Research and Development</i> , 2017, 21, 1110-1121.	2.7	11
7	P(III) vs P(V): A P(V) Reagent for Thiophosphoramidate Linkages and Application to an Asymmetric Synthesis of a Cyclic Dinucleotide STING Agonist. <i>Journal of Organic Chemistry</i> , 2022, 87, 1934-1940.	3.2	11
8	Development of a Process for the Preparation of Chloromethyl Chlorosulfate. <i>Organic Process Research and Development</i> , 2012, 16, 1827-1831.	2.7	10
9	Preparation of the HIV Attachment Inhibitor BMS-663068. Part 6. Friedelâ€Crafts Acylation/Hydrolysis and Amidation. <i>Organic Process Research and Development</i> , 2017, 21, 1145-1155.	2.7	8
10	Nitration Using Fuming HNO <sub>3</sub> in Sulfolane: Synthesis of 6-Nitrovanillin in Flow Mode. <i>Organic Process Research and Development</i> , 2018, 22, 391-398.	2.7	8
11	Scalable Asymmetric Synthesis of the All <i>Cis</i> Triamino Cyclohexane Core of BMS-813160. <i>Journal of Organic Chemistry</i> , 2022, 87, 1996-2011.	3.2	4
12	Complexation of Polyethyleneglycol Containing Small Molecules with Magnesium Chloride as a Purification and Isolation Strategy. <i>Organic Process Research and Development</i> , 0, , .	2.7	3
13	DNA-Model-Based Design and Execution of Some Fused Benzodiazepine Hybrid Payloads for Antibodyâ€Drug Conjugate Modality. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 404-412.	2.8	2
14	Stereoselective Synthesis of a Tubulysin Core for Antibodyâ€Drug Conjugate Studies. <i>Organic Process Research and Development</i> , 0, , .	2.7	2