

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 | 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 |
| 2 | 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 |
| 3 | DNA-Model-Based Design and Execution of Some Fused Benzodiazepine Hybrid Payloads for Antibody-Drug Conjugate Modality. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 404-412. | 2.8 | 2 |
| 4 | Mild and Chemoselective Phosphorylation of Alcohols Using a $\hat{\text{P}}$ -Reagent. <i>Organic Letters</i> , 2021, 23, 9337-9342. | 4.6 | 13 |
| 5 | Enantiodivergent Formation of C-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 |
| 6 | Nitration Using Fuming HNO ₃ in Sulfolane: Synthesis of 6-Nitrovanillin in Flow Mode. <i>Organic Process Research and Development</i> , 2018, 22, 391-398. | 2.7 | 8 |
| 7 | Unlocking P(V): Reagents for chiral phosphorothioate synthesis. <i>Science</i> , 2018, 361, 1234-1238. | 12.6 | 160 |
| 8 | 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 |
| 9 | Preparation of the HIV Attachment Inhibitor BMS-663068. Part 6. Friedel-Crafts Acylation/Hydrolysis and Amidation. <i>Organic Process Research and Development</i> , 2017, 21, 1145-1155. | 2.7 | 8 |
| 10 | 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 |
| 11 | Development of Efficient Processes for the Preparation of Di- <i>tert</i> -butyl Potassium Phosphate and Di- <i>tert</i> -butyl (Chloromethyl) Phosphate. <i>Organic Process Research and Development</i> , 2014, 18, 636-642. | 2.7 | 13 |
| 12 | Development of a Process for the Preparation of Chloromethyl Chlorosulfate. <i>Organic Process Research and Development</i> , 2012, 16, 1827-1831. | 2.7 | 10 |
| 13 | 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 |
| 14 | Stereoselective Synthesis of a Tubulysin Core for Antibody-Drug Conjugate Studies. <i>Organic Process Research and Development</i> , 0, , . | 2.7 | 2 |