

Jason M Stevens

List of Publications by Year in descending order

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papers

1,187
citations

623188

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docs citations

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times ranked

1329
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging High-Throughput Experimentation to Drive Pharmaceutical Route Invention: A Four-Step Commercial Synthesis of Branebrutinib (BMS-986195). <i>Organic Process Research and Development</i> , 2022, 26, 1174-1183.	1.3	8
2	Advancing Base Metal Catalysis through Data Science: Insight and Predictive Models for Ni-Catalyzed Borylation through Supervised Machine Learning. <i>Organometallics</i> , 2022, 41, 1847-1864.	1.1	7
3	Bayesian reaction optimization as a tool for chemical synthesis. <i>Nature</i> , 2021, 590, 89-96.	13.7	370
4	High-Throughput Classical Chiral Resolution Screening of Synthetic Intermediates: Effects of Resolving Agents, Crystallization Solvents, and Other Factors. <i>Organic Process Research and Development</i> , 2020, 24, 1725-1734.	1.3	16
5	High-Throughput Salt Screening of Synthetic Intermediates: Effects of Solvents, Counterions, and Counterion Solubility. <i>Organic Process Research and Development</i> , 2020, 24, 1262-1270.	1.3	14
6	Advances in Base-Metal Catalysis: Development of a Screening Platform for Nickel-Catalyzed Borylations of Aryl (Pseudo)halides with B ₂ (OH) ₄ . <i>Organometallics</i> , 2019, 38, 157-166.	1.1	24
7	Rapid Development of a Commercial Process for Linrodostat, an Indoleamine 2,3-Dioxygenase (IDO) Inhibitor. <i>Organic Process Research and Development</i> , 2019, 23, 2482-2498.	1.3	23
8	Revisiting the Cleavage of Evans Oxazolidinones with LiOH/H ₂ O ₂ . <i>Organic Process Research and Development</i> , 2019, 23, 1378-1385.	1.3	15
9	Systematic Optimization of a Robust Telescoped Process for a BTK Inhibitor with Atropisomer Control by High-Throughput Experimentation, Design of Experiments, and Linear Regression. <i>Organic Process Research and Development</i> , 2019, 23, 1143-1151.	1.3	6
10	The Evolution of High-Throughput Experimentation in Pharmaceutical Development and Perspectives on the Future. <i>Organic Process Research and Development</i> , 2019, 23, 1213-1242.	1.3	279
11	Utilizing Native Directing Groups: Synthesis of a Selective I _{Kur} Inhibitor, BMS-919373, via a Regioselective C-H Arylation. <i>Journal of Organic Chemistry</i> , 2019, 84, 4704-4714.	1.7	23
12	Direct Lewis Acid Catalyzed Conversion of Enantioenriched <i>N</i> -Acyloxazolidinones to Chiral Esters, Amides, and Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 14245-14261.	1.7	28
13	TCFH-NMI: Direct Access to <i>N</i> -Acyl Imidazoliums for Challenging Amide Bond Formations. <i>Organic Letters</i> , 2018, 20, 4218-4222.	2.4	77
14	Adventures in Atropisomerism: Total Synthesis of a Complex Active Pharmaceutical Ingredient with Two Chirality Axes. <i>Organic Letters</i> , 2018, 20, 3736-3740.	2.4	45
15	High-Throughput Automation in Chemical Process Development. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2017, 8, 525-547.	3.3	79
16	Improving Robustness: In Situ Generation of a Pd(0) Catalyst for the Cyanation of Aryl Bromides. <i>Journal of Organic Chemistry</i> , 2017, 82, 7040-7044.	1.7	26
17	CITU: A Peptide and Decarboxylative Coupling Reagent. <i>Organic Letters</i> , 2017, 19, 6196-6199.	2.4	31
18	Enantioselective β -Alkenylation of Aldehydes with Boronic Acids via the Synergistic Combination of Copper(II) and Amine Catalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 11756-11759.	6.6	74

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19	Total Synthesis of Irciniastatin A (Psymberin). <i>Organic Letters</i> , 2009, 11, 3990-3993.	2.4	42