Jason M Stevens

List of Publications by Year
in descending order

19	1,187	623188	794141
papers	citations	14 h-index	19 g-index

21	21	21	1329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bayesian reaction optimization as a tool for chemical synthesis. Nature, 2021, 590, 89-96.	13.7	370
2	The Evolution of High-Throughput Experimentation in Pharmaceutical Development and Perspectives on the Future. Organic Process Research and Development, 2019, 23, 1213-1242.	1.3	279
3	High-Throughput Automation in Chemical Process Development. Annual Review of Chemical and Biomolecular Engineering, 2017, 8, 525-547.	3.3	79
4	TCFHâ€“NMI: Direct Access to N-Acyl Imidazoliums for Challenging Amide Bond Formations. Organic Letters, 2018, 20, 4218-4222.	2.4	77
5	Enantioselective Î±-Alkenylation of Aldehydes with Boronic Acids via the Synergistic Combination of Copper(II) and Amine Catalysis. Journal of the American Chemical Society, 2013, 135, 11756-11759.	6.6	74
6	Adventures in Atropisomerism: Total Synthesis of a Complex Active Pharmaceutical Ingredient with Two Chirality Axes. Organic Letters, 2018, 20, 3736-3740.	2.4	45
7	Total Synthesis of Irciniastatin A (Psymberin). Organic Letters, 2009, 11, 3990-3993.	2.4	42
8	CITU: A Peptide and Decarboxylative Coupling Reagent. Organic Letters, 2017, 19, 6196-6199.	2.4	31
9	Direct Lewis Acid Catalyzed Conversion of Enantioenriched N-Acyloxazolidinones to Chiral Esters, Amides, and Acids. Journal of Organic Chemistry, 2018, 83, 14245-14261.	1.7	28
10	Improving Robustness: In Situ Generation of a Pd(0) Catalyst for the Cyanation of Aryl Bromides. Journal of Organic Chemistry, 2017, 82, 7040-7044.	1.7	26
11	Advances in Base-Metal Catalysis: Development of a Screening Platform for Nickel-Catalyzed Borylations of Aryl (Pseudo)halides with B₂(OH)₄. Organometallics, 2019, 38, 157-166.	1.1	24
12	Rapid Development of a Commercial Process for Linrodostat, an Indoleamine 2,3-Dioxygenase (IDO) Inhibitor. Organic Process Research and Development, 2019, 23, 2482-2498.	1.3	23
13	Utilizing Native Directing Groups: Synthesis of a Selective I_{Kur} Inhibitor, BMS-919373, via a Regioselective Câ€“H Arylation. Journal of Organic Chemistry, 2019, 84, 4704-4714.	1.7	23
14	High-Throughput Classical Chiral Resolution Screening of Synthetic Intermediates: Effects of Resolving Agents, Crystallization Solvents, and Other Factors. Organic Process Research and Development, 2020, 24, 1725-1734.	1.3	16
15	Revisiting the Cleavage of Evans Oxazolidinones with LiOH/H₂O₂. Organic Process Research and Development, 2019, 23, 1378-1385.	1.3	15
16	High-Throughput Salt Screening of Synthetic Intermediates: Effects of Solvents, Counterions, and Counterion Solubility. Organic Process Research and Development, 2020, 24, 1262-1270.	1.3	14
17	Leveraging High-Throughput Experimentation to Drive Pharmaceutical Route Invention: A Four-Step Commercial Synthesis of Branebrutinib (BMS-986195). Organic Process Research and Development, 2022, 26, 1174-1183.	1.3	8
18	Advancing Base Metal Catalysis through Data Science: Insight and Predictive Models for Ni-Catalyzed Borylation through Supervised Machine Learning. Organometallics, 2022, 41, 1847-1864.	1.1	7

#	Article	IF	Citations
19	Systematic Optimization of a Robust Telescoped Process for a BTK Inhibitor with Atropisomer Control by High-Throughput Experimentation, Design of Experiments, and Linear Regression. Organic Process Research and Development, 2019, 23, 1143-1151.	1.3	6