Jean-Nicolas Desrosiers

List of Publications by Year
in descending order

17 papers	474 citations	759055 12 h-index	940416 16 g-index
18 all docs	18 docs citations	18 times ranked	480 citing authors

#	Article	IF	Citations
1	Construction of Quaternary Stereocenters by Nickelâ€Catalyzed Heck Cyclization Reactions. Angewandte Chemie - International Edition, 2016, 55, 11921-11924.	7.2	58
2	Enantioselective Nickel-Catalyzed Mizorokiâ€“Heck Cyclizations To Generate Quaternary Stereocenters. Organic Letters, 2017, 19, 3338-3341.	2.4	54
3	Sequential Câ€“H Arylation and Enantioselective Hydrogenation Enables Ideal Asymmetric Entry to the Indenopiperidine Core of an 11Î²-HSD-1 Inhibitor. Journal of the American Chemical Society, 2016, 138, 15473-15481.	6.6	48
4	Enantioselective Synthesis of Î±-(Hetero)aryl Piperidines through Asymmetric Hydrogenation of Pyridinium Salts and Its Mechanistic Insights. Organic Letters, 2018, 20, 1333-1337.	2.4	48
5	Synthesis of Enantioenriched 2-Alkyl Piperidine Derivatives through Asymmetric Reduction of Pyridinium Salts. Organic Letters, 2016, 18, 4920-4923.	2.4	46
6	Copper-catalyzed asymmetric hydrogenation of 2-substituted ketones via dynamic kinetic resolution. Chemical Science, 2018, 9, 4505-4510.	3.7	46
7	A Mild Dihydrobenzooxaphosphole Oxazoline/Iridium Catalytic System for Asymmetric Hydrogenation of Unfunctionalized Dialins. Angewandte Chemie - International Edition, 2014, 53, 14428-14432.	7.2	41
8	Application of Biocatalytic Reductive Amination for the Synthesis of a Key Intermediate to a CDK 2/4/6 Inhibitor. Organic Process Research and Development, 2022, 26, 879-890.	1.3	20
9	A Scalable and Regioselective Synthesis of 2-Difluoromethyl Pyridines from Commodity Chemicals. Organic Letters, 2014, 16, 1724-1727.	2.4	18
10	Nickel-catalyzed C-3 direct arylation of pyridinium ions for the synthesis of 1-azafluorenes. Chemical Science, 2016, 7, 5581-5586.	3.7	18
11	Construction of Quaternary Stereocenters by Nickelâ€Catalyzed Heck Cyclization Reactions. Angewandte Chemie, 2016, 128, 12100-12103.	1.6	18
12	BABIPhos Family of Biaryl Dihydrobenzooxaphosphole Ligands for Asymmetric Hydrogenation. Organic Letters, 2018, 20, 1725-1729.	2.4	18
13	Continuous Process for Preparing the Difluoromethylating Reagent [(DMPU)₂Zn(CF₂H)₂] and Improved Synthesis of the ICHF₂ Precursor. Organic Process Research and Development, 2020, 24, 1077-1083.	1.3	11
14	A radical chlorodifluoromethylation protocol for late-stage difluoromethylation and its application to an oncology candidate. Cell Reports Physical Science, 2021, 2, 100394.	2.8	10
15	Early Development Scale-Up of a Structurally-Challenging 5-Lipoxygenase Activating Protein (FLAP) Inhibitor. Organic Process Research and Development, 2017, 21, 1427-1434.	1.3	9
16	Development of a Practical Sequence for Difluoromethylation of 2â€Bromopyridines via Copperâ€Mediated Reductive Coupling and Decarboxylation. Asian Journal of Organic Chemistry, 2015, 4, 1262-1264.	1.3	6
17	Large-Scale Enantioselective Reduction of 2,3-Disubstituted Indenopyridine Enables a Practical Manufacturing Process for an 11Î²-HSD-1 Inhibitor. Organic Process Research and Development, 0, , .	1.3	5