Pier Alexandre Champagne

List of Publications by Year
in descending order

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34 papers	1,928 citations	411340 20 h-index	425179 34 g-index
46 all docs	46 docs citations	46 times ranked	2254 citing authors

#	Article	IF	Citations
1	Photoinitiated antiâ€Hydropentafluorosulfanylation of Terminal Alkynes. Angewandte Chemie - International Edition, 2022, 61, .	7.2	27
2	Binding Modes and Origins of Enantioselectivity in the Phase-Transfer-Catalyzed Conjugate Cyanation of Î²-Trifluoromethylated Chalcones. ACS Catalysis, 2022, 12, 8185-8194.	5.5	5
3	Selective chlorination of iminosydnones for fast release of amide, sulfonamide and urea-containing drugs. Chemical Communications, 2022, 58, 8500-8503.	2.2	5
4	Experimental and Computational Study on the Antiâ€Markovnikov Hydrofunctionalization of Olefins Using Glycineâ€Extended AQâ€Auxiliaries. Chemistry - A European Journal, 2021, 27, 3855-3860.	1.7	4
5	Recent advances in the stereoselective synthesis of acyclic all-carbon tetrasubstituted alkenes. Chemical Communications, 2021, 57, 4071-4088.	2.2	40
6	Heterohelicenes through 1,3-Dipolar Cycloaddition of Sydnones with Arynes: Synthesis, Origins of Selectivity, and Application to pH-Triggered Chiroptical Switch with CPL Sign Reversal. Jacs Au, 2021, 1, 807-818.	3.6	29
7	Identifying the true origins of selectivity in chiral phosphoric acid catalyzed N-acyl-azetidine desymmetrizations. Chemical Science, 2021, 12, 15662-15672.	3.7	7
8	Capture of Electrochemically Generated Fleeting Carbazole Radical Cations and Elucidation of Carbazole Dimerization Mechanism by Mass Spectrometry. Analytical Chemistry, 2020, 92, 15291-15296.	3.2	8
9	Thioureaâ€Catalyzed Câˆ’F Bond Activation: Amination of Benzylic Fluorides. Chemistry - A European Journal, 2020, 26, 10620-10625.	1.7	14
10	Rate and Computational Studies for Pdâ€NHCâ€Catalyzed Amination with Primary Alkylamines and Secondary Anilines: Rationalizing Selectivity for Monoarylation versus Diarylation with NHC Ligands. Chemistry - A European Journal, 2019, 25, 14223-14229.	1.7	7
11	Oneâ€Pot Sequential Kumadaâ€“Tamaoâ€“Corriu Couplings of (Hetero)Aryl Polyhalides in the Presence of Grignardâ€Sensitive Functional Groups Using Pdâ€PEPPSIâ€IPent^{Cl}. Chemistry - A European Journal, 2019, 25, 6508-6512.	1.7	10
12	Sydnone-Based Approach to Heterohelicenes through 1,3-Dipolar-Cycloadditions. Journal of the American Chemical Society, 2019, 141, 1435-1440.	6.6	43
13	Nucleophilic 18F-Fluorination of Anilines via N-Arylsydnone Intermediates. Synlett, 2018, 29, 1131-1135.	1.0	9
14	Stereospecific Ring Contraction of Bromocycloheptenes through Dyotropic Rearrangements via Nonclassical Carbocationâ€“Anion Pairs. Journal of the American Chemical Society, 2018, 140, 4986-4990.	6.6	17
15	Bioorthogonal release of sulfonamides and mutually orthogonal liberation of two drugs. Chemical Communications, 2018, 54, 14089-14092.	2.2	42
16	Stereochemical outcomes of Câ€“F activation reactions of benzyl fluoride. Beilstein Journal of Organic Chemistry, 2018, 14, 106-113.	1.3	15
17	Enzymatic one-step ring contraction for quinolone biosynthesis. Nature Communications, 2018, 9, 2826.	5.8	18
18	Activation Mode and Origin of Selectivity in Chiral Phosphoric Acid-Catalyzed Oxacycle Formation by Intramolecular Oxetane Desymmetrizations. ACS Catalysis, 2017, 7, 7332-7339.	5.5	45

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19	Understanding and Interrupting the Fischer Azaindolization Reaction. Journal of the American Chemical Society, 2017, 139, 14833-14836.	6.6	19
20	Synthesis of [¹⁸F]Fluoroarenes by Nucleophilic Radiofluorination of Nâ€Arylsydnones. Angewandte Chemie, 2017, 129, 13186-13190.	1.6	10
21	Synthesis of [¹⁸F]Fluoroarenes by Nucleophilic Radiofluorination of Nâ€Arylsydnones. Angewandte Chemie - International Edition, 2017, 56, 13006-13010.	7.2	39
22	Influence of Endo- and Exocyclic Heteroatoms on Stabilities and 1,3-Dipolar Cycloaddition Reactivities of Mesoionic Azomethine Ylides and Imines. Journal of Organic Chemistry, 2017, 82, 10980-10988.	1.7	26
23	Faster initiation in the Friedel-Crafts reaction of benzyl fluorides using trifluoroacetic acid as activator. Journal of Fluorine Chemistry, 2016, 190, 1-6.	0.9	33
24	Origins of Selectivity and General Model for Chiral Phosphoric Acid-Catalyzed Oxetane Desymmetrizations. Journal of the American Chemical Society, 2016, 138, 12356-12359.	6.6	50
25	In situ activation of benzyl alcohols with XtalFluor-E: formation of 1,1-diarylmethanes and 1,1,1-triarylmethanes through Friedelâ€“Crafts benzylation. Organic and Biomolecular Chemistry, 2015, 13, 2243-2246.	1.5	27
26	Revised mechanistic explanation for the alcohol-promoted amination of benzylic fluorides under highly concentrated conditions: Computational and experimental evidence on a model substrate. Journal of Fluorine Chemistry, 2015, 171, 113-119.	0.9	27
27	Organic Fluorine as a Hydrogen-Bond Acceptor: Recent Examples and Applications. Synthesis, 2015, 47, 306-322.	1.2	112
28	Monofluorination of Organic Compounds: 10 Years of Innovation. Chemical Reviews, 2015, 115, 9073-9174.	23.0	761
29	Friedelâ€“Crafts Reaction of Benzyl Fluorides: Selective Activation of Cï£¿F Bonds as Enabled by Hydrogen Bonding. Angewandte Chemie - International Edition, 2014, 53, 13835-13839.	7.2	199
30	Enabling Nucleophilic Substitution Reactions of Activated Alkyl Fluorides through Hydrogen Bonding. Organic Letters, 2013, 15, 2210-2213.	2.4	82
31	Triol-promoted activation of Câ€“F bonds: Amination of benzylic fluorides under highly concentrated conditions mediated by 1,1,1-tris(hydroxymethyl)propane. Beilstein Journal of Organic Chemistry, 2013, 9, 2451-2456.	1.3	26
32	Stereocontrolled Approach to Bromofluoroalkenes and Their Use for the Synthesis of Tri- and Tetrasubstituted Fluoroalkenes. Organic Letters, 2009, 11, 681-684.	2.4	59
33	Stereocontrolled Access to Unsymmetrical 1,1-Diaryl-2-fluoroethenes. Organic Letters, 2009, 11, 5406-5409.	2.4	33
34	Photoinitiated antiâ€Hydropentafluorosulfanylation of Terminal Alkynes. Angewandte Chemie, 0, , .	1.6	10