

Sandrine Py

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Î-Valerolactamic Quaternary Amino Acid Derivatives: Enantiodivergent Synthesis and Evidence for Stereodifferentiated Î-Turn-Inducing Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 8041-8055.	3.2	2
2	Regiospecific formation of sugar-derived ketonitrone towards unconventional <i>C</i>-branched pyrrolizidines and indolizidines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7066-7077.	2.8	11
3	Short synthesis, X-ray and conformational analysis of a cyclic peracetylated l-sorbose-derived nitrone, a useful intermediate towards Nâ€“O-containing d-gluco-iminosugars. <i>New Journal of Chemistry</i> , 2018, 42, 16735-16743.	2.8	1
4	Ringâ€“Functionâ€“Substituted Polyhydroxylated Pyrrolizidines and Indolizidines from Ketonitrone Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2178-2192.	2.4	9
5	Exploring the Metalâ€“Catalyzed Reactions of Î-â€“Diazoâ€“Î-hydroxyamino Esters: Conversion of Cyclic Aldonitrones into Ketonitrones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 363-372.	2.4	10
6	The Baldwin Rearrangement: Synthesis of 2â€“Acylaziridines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6357-6364.	2.4	22
7	Aziridination of Cyclic Nitrones Targeting Constrained Iminosugars. <i>Organic Letters</i> , 2017, 19, 4842-4845.	4.6	19
8	Polyhydroxylated Quinolizidine Iminosugars as Nanomolar Selective Inhibitors of Î-Glucosidases. <i>Journal of Organic Chemistry</i> , 2017, 82, 9866-9872.	3.2	18
9	Cover Feature: The Baldwin Rearrangement: Synthesis of 2-Acylaziridines (<i>Eur. J. Org. Chem.</i> 43/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6355-6355.	2.4	0
10	Synthesis of Î-â€“Acyloxynitrones and Reactivity towards Samarium Diiodide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4003-4012.	2.4	6
11	Hydroxymethyl-Branched Polyhydroxylated Indolizidines: Novel Selective Î-Glucosidase Inhibitors. <i>Organic Letters</i> , 2015, 17, 3662-3665.	4.6	42
12	Asymmetric Synthesis of Î,Î-Disubstituted Amino Acids by Cycloaddition of (<i>E</i>)-Ketonitrones with Vinyl Ethers. <i>Organic Letters</i> , 2014, 16, 1936-1939.	4.6	29
13	Sml₂-Mediated Coupling of Nitrones and <i>tert</i>-Butanesulfinyl Imines with Allenates: Synthesis of Î-Methylenyl-Î-lactams and Tetramic Acids. <i>Organic Letters</i> , 2012, 14, 2034-2037.	4.6	34
14	Sml₂-Mediated Cross-Coupling of Nitrones with Î-Silyl Acrylates: Synthesis of (+)-Australine. <i>Organic Letters</i> , 2012, 14, 1042-1045.	4.6	71
15	Synthesis and Structural Characterization of Planar Chiral Cr(CO)₃-Complexed Aromatic Nitrones â€“ Valuable Substrates for Asymmetric Sml₂-Induced Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 944-958.	2.4	8
16	Reductive cross-coupling reactions (RCCR) between C N and C O for Î-amino alcohol synthesis. <i>Tetrahedron</i> , 2009, 65, 7333-7356.	1.9	78
17	A Short and Convenient Synthesis of 1-Deoxymannojirimycin and <i>N</i>-Oxy Analogues from <sc>d</sc>-Fructose. <i>Journal of Organic Chemistry</i> , 2009, 74, 1766-1769.	3.2	36
18	Tandem Sml₂-induced nitrone Î-elimination/aldol-type reaction. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3385.	2.8	12

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19	A Direct and Versatile Access to α,α -Disubstituted 2-Pyrrolidinylmethanols by SmI ₂ -Mediated Reductive Coupling. <i>Organic Letters</i> , 2008, 10, 3021-3023.	4.6	39
20	Novel Polyhydroxylated Cyclic Nitrones and N-Hydroxypyrrolidines through BCl ₃ -Mediated Deprotection. <i>Organic Letters</i> , 2008, 10, 2967-2970.	4.6	30
21	1-(2,4,6-Triisopropylphenyl)ethylamine: A New Chiral Auxiliary for the Asymmetric Synthesis of β^3 -Amino Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 485-493.	3.2	33
22	Stereoselective synthesis of β^2 -1-C-substituted 1,4-dideoxy-1,4-imino-d-galactitols and evaluation as UDP-galactopyranose mutase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6443-6449.	3.0	46
23	cis-Stereoselective SmI ₂ -promoted reductive coupling of keto-nitrones: first synthesis of 1-epitrehazolamine. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2067.	2.8	27
24	Total Synthesis of (+)-Hyacinthacine A ₂ Based on SmI ₂ -Induced Nitron Umpolung. <i>Journal of Organic Chemistry</i> , 2005, 70, 1459-1462.	3.2	157
25	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2367-2370.	2.0	19
26	SmI ₂ -Induced Umpolung of the C=C-N Bond: First Reductive Conjugate Addition of Nitrones to α,β -Unsaturated Esters. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2265-2268.	13.8	91
27	Samarium Diodide-Induced Reductive Cross-Coupling of Nitrones with Aldehydes and Ketones. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1772-1775.	13.8	118