

# Sandrine Py

## List of Publications by Year in descending order

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27  
papers

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citations

471509

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of (+)-Hyacinthacine A2 Based on SmI <sub>2</sub> -Induced Nitron Umpolung. <i>Journal of Organic Chemistry</i> , 2005, 70, 1459-1462.	3.2	157
2	Samarium Diiodide-Induced Reductive Cross-Coupling of Nitrones with Aldehydes and Ketones. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1772-1775.	13.8	118
3	SmI <sub>2</sub> -Induced Umpolung of the C=C-N Bond: First Reductive Conjugate Addition of Nitrones to $\alpha,\beta$ -Unsaturated Esters. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2265-2268.	13.8	91
4	Reductive cross-coupling reactions (RCCR) between C=N and C=O for $\alpha$ -amino alcohol synthesis. <i>Tetrahedron</i> , 2009, 65, 7333-7356.	1.9	78
5	SmI <sub>2</sub> -Mediated Cross-Coupling of Nitrones with $\alpha$ -Silyl Acrylates: Synthesis of (+)-Australine. <i>Organic Letters</i> , 2012, 14, 1042-1045.	4.6	71
6	Stereoselective synthesis of $\alpha$ -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
7	Hydroxymethyl-Branched Polyhydroxylated Indolizidines: Novel Selective $\alpha$ -Glucosidase Inhibitors. <i>Organic Letters</i> , 2015, 17, 3662-3665.	4.6	42
8	A Direct and Versatile Access to $\alpha,\beta$ -Disubstituted 2-Pyrrolidinylmethanols by SmI <sub>2</sub> -Mediated Reductive Coupling. <i>Organic Letters</i> , 2008, 10, 3021-3023.	4.6	39
9	A Short and Convenient Synthesis of 1-Deoxymannojirimycin and <i>N</i> -Oxy Analogues from <i>D</i> -Fructose. <i>Journal of Organic Chemistry</i> , 2009, 74, 1766-1769.	3.2	36
10	SmI <sub>2</sub> -Mediated Coupling of Nitrones and <i>tert</i> -Butanesulfinyl Imines with Allenates: Synthesis of $\alpha$ -Methylenyl- $\beta$ -lactams and Tetramic Acids. <i>Organic Letters</i> , 2012, 14, 2034-2037.	4.6	34
11	1-(2,4,6-Triisopropylphenyl)ethylamine: A New Chiral Auxiliary for the Asymmetric Synthesis of $\beta$ -Amino Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2007, 72, 485-493.	3.2	33
12	Novel Polyhydroxylated Cyclic Nitrones and N-Hydroxypyrrolidines through BCl <sub>3</sub> -Mediated Deprotection. <i>Organic Letters</i> , 2008, 10, 2967-2970.	4.6	30
13	Asymmetric Synthesis of $\alpha,\beta$ -Disubstituted Amino Acids by Cycloaddition of ( <i>E</i> )-Ketonitrones with Vinyl Ethers. <i>Organic Letters</i> , 2014, 16, 1936-1939.	4.6	29
14	cis-Stereoselective SmI <sub>2</sub> -promoted reductive coupling of keto-nitrones: first synthesis of 1-epitrethazamine. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2067.	2.8	27
15	The Baldwin Rearrangement: Synthesis of $\alpha$ -Acylaziridines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6357-6364.	2.4	22
16	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2367-2370.	2.0	19
17	Aziridination of Cyclic Nitrones Targeting Constrained Iminosugars. <i>Organic Letters</i> , 2017, 19, 4842-4845.	4.6	19
18	Polyhydroxylated Quinolizidine Iminosugars as Nanomolar Selective Inhibitors of $\alpha$ -Glucosidases. <i>Journal of Organic Chemistry</i> , 2017, 82, 9866-9872.	3.2	18

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19	Tandem SmI <sub>2</sub> -induced nitrene $\beta$ -elimination/aldol-type reaction. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3385.	2.8	12
20	Regiospecific formation of sugar-derived ketonitrene towards unconventional <i>tert</i> -branched pyrrolizidines and indolizidines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7066-7077.	2.8	11
21	Exploring the Metal-Catalyzed Reactions of $\alpha$ -Diazo- $\beta$ -hydroxyamino Esters: Conversion of Cyclic Aldonitrenes into Ketonitrenes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 363-372.	2.4	10
22	Ring-Opening-Substituted Polyhydroxylated Pyrrolizidines and Indolizidines from Ketonitrene Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2178-2192.	2.4	9
23	Synthesis and Structural Characterization of Planar Chiral Cr(CO) <sub>3</sub> -Complexed Aromatic Nitrenes – Valuable Substrates for Asymmetric SmI <sub>2</sub> -Induced Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 944-958.	2.4	8
24	Synthesis of $\alpha$ -Cyloxynitrenes and Reactivity towards Samarium Diiodide. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4003-4012.	2.4	6
25	$\beta$ -Valerolactamic Quaternary Amino Acid Derivatives: Enantiodivergent Synthesis and Evidence for Stereodifferentiated $\beta$ -Turn-Inducing Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 8041-8055.	3.2	2
26	Short synthesis, X-ray and conformational analysis of a cyclic peracetylated l-sorbose-derived nitrene, a useful intermediate towards N <sup>+</sup> -O-containing d-gluco-iminosugars. <i>New Journal of Chemistry</i> , 2018, 42, 16735-16743.	2.8	1
27	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