

Michel PrÃ©vost

List of Publications by Year in descending order

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22
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#	ARTICLE	IF	CITATIONS
1	Synthesis of Propionate Motifs: A Diastereoselective Tandem Reactions Involving Anionic and Free Radical Based Processes. <i>Journal of the American Chemical Society</i> , 2001, 123, 8496-8501.	6.6	50
2	Insertions of Silylenes into Vinyl Epoxides: Diastereoselective Synthesis of Functionalized, Optically Active trans-Dioxasilacyclooctenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 14182-14183.	6.6	35
3	Synthesis of 1,2-cis-Nucleoside Analogues: Evidence of Stereoelectronic Control for S _N 2 Reactions at the Anomeric Center of Furanosides. <i>Journal of the American Chemical Society</i> , 2010, 132, 12433-12439.	6.6	30
4	Diastereoselective Synthesis of Seven-Membered-Ring trans-Alkenes from Dienes and Aldehydes by Silylene Transfer. <i>Journal of the American Chemical Society</i> , 2012, 134, 12482-12484.	6.6	30
5	Stereopentads Derived from a Sequence of Mukaiyama Aldolization and Free Radical Reduction on Î±-Methyl-Î²-alkoxy Aldehydes: A General Strategy for Efficient Polypropionate Synthesis. <i>Journal of Organic Chemistry</i> , 2009, 74, 64-74.	1.7	29
6	Diastereoselective Synthesis of C2-Fluorinated Nucleoside Analogues Using an Acyclic Approach. <i>Journal of Organic Chemistry</i> , 2016, 81, 10769-10790.	1.7	18
7	A Stereoselective Approach to Nucleosides and 4-Thioanalogues from Acyclic Precursors. <i>Journal of the American Chemical Society</i> , 2009, 131, 17242-17245.	6.6	16
8	Diastereoselective Hydrogen Transfer Reactions: An Experimental and DFT Study. <i>Chemistry - A European Journal</i> , 2013, 19, 9308-9318.	1.7	16
9	Strained organosilacyclic compounds: synthesis of anti-Bredt olefins and trans-dioxasilacyclooctenes. <i>Dalton Transactions</i> , 2010, 39, 9275.	1.6	12
10	Study of the Endocyclic versus Exocyclic C=O Bond Cleavage Pathways of Î±- and Î²-Methyl Furanosides. <i>Journal of Organic Chemistry</i> , 2013, 78, 2935-2946.	1.7	9
11	Dual-Face Nucleoside Scaffold Featuring a Stereogenic All-Carbon Quaternary Center. Intramolecular Silicon Tethered Group-Transfer Reaction. <i>Organic Letters</i> , 2014, 16, 5698-5701.	2.4	9
12	Acyclic Tethers Mimicking Subunits of Polysaccharide Ligands: Selectin Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1054-1059.	1.3	8
13	A Study of Exocyclic Radical Reductions of Polysubstituted Tetrahydropyrans. <i>Journal of Organic Chemistry</i> , 2013, 78, 6075-6103.	1.7	6
14	Photoredox-Catalyzed Stereoselective Radical Reactions to Synthesize Nucleoside Analogues with a C2-Stereogenic All-Carbon Quaternary Center. <i>Journal of Organic Chemistry</i> , 2019, 84, 14795-14804.	1.7	6
15	Synthesis of Sialyl Lewis X Glycomimetics Bearing a Bicyclic 3-O,4-C-Fused Galactopyranoside Scaffold. <i>Journal of Organic Chemistry</i> , 2019, 84, 7372-7387.	1.7	6
16	Investigation of Diastereoselective Acyclic Î±-Alkoxydithioacetal Substitutions Involving Thiocarbenium Intermediates. <i>Journal of Organic Chemistry</i> , 2014, 79, 10504-10525.	1.7	5
17	Identification of a C3-nitrile nucleoside analogue inhibitor of pancreatic cancer cell line growth. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126983.	1.0	5
18	A Stereoselective Approach to Î²-l-Arabinose Nucleoside Analogues: Synthesis and Cyclization of Acyclic 1,2-synN,O-Acetals. <i>Journal of Organic Chemistry</i> , 2012, 77, 7176-7186.	1.7	3

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19	Diastereoselective Synthesis of Arabino- and Ribo-like Nucleoside Analogues Bearing a Stereogenic C3-All-Carbon Quaternary Center. <i>Journal of Organic Chemistry</i> , 2019, 84, 16055-16067.	1.7	3
20	Nucleotide Analogues Bearing a C2- or C3-Stereogenic All-Carbon Quaternary Center as SARS-CoV-2 RdRp Inhibitors. <i>Molecules</i> , 2022, 27, 564.	1.7	3
21	Diastereoselective and regioselective synthesis of adenosine thionucleoside analogues using an acyclic approach. <i>Canadian Journal of Chemistry</i> , 2020, 98, 466-470.	0.6	2