

Arnaud Martel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	TIPS-Diazoacetone Aldol Addition: Mechanistic Aspects and Contribution to the Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 4917-4931.	3.2	1
2	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
3	Synthesis of Constrained C-Glycosyl Amino Acid Derivatives Involving 1,3-Dipolar Cycloaddition of Cyclic Nitron as Key Step. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6749-6757.	2.4	3
4	Î-Halogenoacetamides: versatile and efficient tools for the synthesis of complex aza-heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8467-8485.	2.8	52
5	Stereodivergent approach in the protected glycal synthesis of L-vancosamine, L-saccharosamine, L-daunosamine and L-ristosamine involving a ring-closing metathesis step. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2949-2955.	2.2	6
6	Stereospecific C-Glycosylation by Mizoroki-Heck Reaction: A Powerful and Easy-to-Set-Up Synthetic Tool to Access Î± and Î² Aryl C-Glycosides. <i>Chemistry - A European Journal</i> , 2018, 24, 14069-14074.	3.3	21
7	Enantioselective Access to Robinson Annulation Products and Michael Adducts as Precursors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12424-12458.	13.8	23
8	Chemo-, Regio-, and Stereoselective Synthesis of Polysubstituted Oxazolo[3,2-d][1,4]oxazepin-5(3H)-ones via a Domino oxa-Michael/aza-Michael/Williamson Cycloetherification Sequence. <i>Journal of Organic Chemistry</i> , 2017, 82, 5798-5809.	3.2	10
9	Enantioselective 1,3-Dipolar Cycloaddition Reactions of C-Carboxy Ketonitrones and Enals with MacMillan Catalysts: Evidence of a Nonconcerted Mechanism. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6763-6774.	2.4	11
10	Oxa-diketopiperazines: Access and Conformational Analysis of Potential Turn Inducers. <i>ChemistrySelect</i> , 2017, 2, 5824-5827.	1.5	0
11	Enantioselective Synthese von Robinson-Anellierungsprodukten und Michael-Addukten als Vorstufen. <i>Angewandte Chemie</i> , 2017, 129, 12598-12633.	2.0	7
12	Synthesis of Oxazolidin-4-ones: Domino O-Alkylation/Aza-Michael/Intramolecular Retro-Claisen Condensation. <i>Organic Letters</i> , 2016, 18, 2383-2386.	4.6	16
13	Simple Access to Highly Functional Bicyclic Î and Î Lactams: Origins of Chirality Transfer to Contiguous Tertiary/Quaternary Stereocenters Assessed by DFT. <i>Chemistry - A European Journal</i> , 2015, 21, 2966-2979.	3.3	20
14	Evidence of New Fluorinated Coordination Compounds in the Composition Space Diagram of Fe ₃ /ZnF ₂ -H ₄ tetraz-HF _{aq} System. <i>Crystal Growth and Design</i> , 2015, 15, 4248-4255.	3.0	12
15	A Practical and Cost-Effective Method for the Synthesis of Bicyclo[2.2.2]octane-1,4-dicarboxylic Acid. <i>Synthesis</i> , 2015, 47, 2185-2187.	2.3	3
16	[3+2] Route to Quaternary Oxaprolinol Derivatives as Masked Precursors of Disubstituted Î ³ , Î ² -Amino Aldehyde. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3923-3934.	2.4	6
17	Asymmetric Access to Î-Substituted Functional Aspartic Acid Derivatives by a [3+2] Strategy Employing a Chiral Dienophile. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2924-2932.	2.4	9
18	Asymmetric Synthesis of Î, Î-Disubstituted Amino Acids by Cycloaddition of (E)-Ketonitrones with Vinyl Ethers. <i>Organic Letters</i> , 2014, 16, 1936-1939.	4.6	29

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19	Enantioselective Ruthenium-Catalyzed 1,3-Dipolar Cycloadditions between <i>o</i> -Carboalkoxy Ketonitrones and Methacrolein: Solvent Effect on Reaction Selectivity and Its Rational. <i>Journal of Organic Chemistry</i> , 2014, 79, 3414-3426.	3.2	32
20	Organocatalytic enantio- and diastereoselective 1,3-dipolar cycloaddition between alanine-derived ketonitrones and E-crotonaldehyde: efficiency and full stereochemical studies. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 1670-1677.	1.8	14
21	A Convergent Hetero-Diels-Alder Strategy for Asymmetric Access to a Lactone Containing Two Lipidic Chains. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3727-3731.	2.4	8
22	1,3-Dipolar Cycloadditions of Nitrones to Hetero-substituted Alkenes Part 2: Sila-, Thia-, Phospha- and Halo-substituted Alkenes. <i>Organic Preparations and Procedures International</i> , 2012, 44, 1-81.	1.3	30
23	Access to C-protected β -amino-aldehydes via transacetalization of 6-alkoxy tetrahydrooxazinones and use for pseudo-peptide synthesis. <i>Tetrahedron</i> , 2012, 68, 2179-2188.	1.9	4
24	Domino Process Optimized via ab Initio Study for an Alternative Access to Bicyclic Lactams. <i>Organic Letters</i> , 2011, 13, 4004-4007.	4.6	17
25	Access to β -Substituted Amino Acid Derivatives via 1,3-Dipolar Cycloaddition of β -Amino Ester Derived Nitrones. <i>Journal of Organic Chemistry</i> , 2010, 75, 611-620.	3.2	44
26	1,3-Dipolar Cycloadditions of Nitrones to Heterosubstituted Alkenes. Part 1: Oxa and Aza-substituted Alkenes. <i>Organic Preparations and Procedures International</i> , 2010, 42, 387-431.	1.3	37
27	A Large-Scale Low-Cost Preparation of N-Benzylhydroxylamine Hydrochloride. <i>Synthesis</i> , 2009, 2009, 3174-3176.	2.3	3
28	N-(β , β -Difluorovinyl)oxazolidin-2-ones: First Synthesis and Application in [3+2]- and [4+2]-Cycloaddition-Type Reactions. <i>Synlett</i> , 2009, 2009, 2492-2496.	1.8	6
29	[4+2]/HyBRedOx Approach to <i>o</i> -Naphthyl Glycosides: Failure in the Projuglone Series and Reinvestigation of the HyBRedOx Sequence. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 412-422.	2.4	7
30	Stille Cross-Coupling Reactions with Tin Reagents Supported on Ionic Liquids. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3249-3257.	2.4	24
31	Hetero-Diels-Alder Reactions of Cyclic Ketone Derived Enamide. A New and Efficient Concept for the Asymmetric Robinson Annulation. <i>Organic Letters</i> , 2009, 11, 3060-3063.	4.6	44
32	High-Pressure Hetero-Diels-Alder Route to (β)-6,6,6-Trifluoro- β - <i>o</i> -Naphthyl Glycosides. <i>Organic Letters</i> , 2009, 11, 1619-1622.	4.6	15
33	Practical asymmetric access to carboxy-differentiated aspartate derivatives via 1,3-dipolar cycloaddition of a nitrone with (R)-4-ethyl-N-vinylloxazolidin-2-one. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2084-2087.	1.8	10
34	1,3-Dipolar Cycloaddition of N-Substituted Dipolarophiles and Nitrones: A Highly Efficient Solvent-Free Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 2621-2632.	3.2	35
35	<i>o</i> -Benzyl Aspartate Nitrones: Unprecedented Single-Step Synthesis and [3 + 2] Cycloaddition Reactions with Alkenes. <i>Organic Letters</i> , 2008, 10, 4493-4496.	4.6	52
36	Trimethylsilyl Trifluoromethanesulfonate Mediated Addition-Cyclization of N-Vinylloxazolidin-2-ones to Nitrones: An Efficient Access to 4-Substituted 5-Azaisoxazolidines. <i>Synlett</i> , 2008, 2008, 2041-2045.	1.8	1

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37	New N-Substituted Dipolarophiles in 1,3-Dipolar Cycloaddition of Nitrones. <i>Synlett</i> , 2006, 2006, 3255-3258.	1.8	1
38	Low-Temperature Syntheses of Thioketals from Enol Ethers and Carbonyl Compounds.. <i>ChemInform</i> , 2003, 34, no.	0.0	1
39	Low temperature syntheses of thioketals from enol ethers and carbonyl compounds. <i>Tetrahedron Letters</i> , 2003, 44, 1491-1494.	1.4	16
40	A [4+2] Heterocycloaddition Route to (±)-9-Decanolides. <i>Synthesis</i> , 2003, 2003, 0539-0544.	2.3	0
41	Lewis Acid Catalysed [4+2] Heterocycloadditions between Ketone Enol Ethers and α^2 -Ethylenic α -Oxo Esters. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 514-525.	2.4	29
42	Eu(fod) ₃ and SnCl ₄ -catalyzed heterocycloadditions of O-silyl enol ethers deriving from cyclic ketones. <i>Tetrahedron Letters</i> , 1998, 39, 8647-8650.	1.4	15