

Gilles Dujardin

List of Publications by Year in descending order

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1,184
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471509

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34
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41
all docs

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docs citations

41
times ranked

1443
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020, 11, 2627-2639.	7.4	290
2	Isoxazolidine: A Privileged Scaffold for Organic and Medicinal Chemistry. <i>Chemical Reviews</i> , 2016, 116, 15235-15283.	47.7	204
3	<i>N</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
4	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
5	An Improved Dienophile-Induced Access to Enantiopure 2,4-Dideoxysugar Lactones via Hetero Diels-Alder Reaction: Synthesis of the (+)-Lactone Moiety of Compactin. <i>Synthesis</i> , 1998, 1998, 763-770.	2.3	43
6	Novel Use of <i>N</i> -Benzoyl- <i>N,O</i> -acetals as <i>N</i> -Acylimine Equivalents in Asymmetric Heterocycloaddition: An Extended Enantioselective Pathway to β -Benzamido Aldehydes. <i>Journal of Organic Chemistry</i> , 2003, 68, 4338-4344.	3.2	38
7	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
8	Efficient mercury-free preparation of vinyl and isopropenyl ethers of chiral secondary alcohols and β -hydroxyesters. <i>Tetrahedron Letters</i> , 1995, 36, 1653-1656.	1.4	35
9	First Asymmetric Synthesis of a 6-Alkoxy-5,6-dihydro-1,3-oxazine: A Promising Enantioselective Route to β -Amido Aldehydes. <i>Organic Letters</i> , 2000, 2, 585-588.	4.6	35
10	1,3-Dipolar Cycloaddition of <i>N</i> -Substituted Dipolarophiles and Nitrones: Highly Efficient Solvent-Free Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 2621-2632.	3.2	35
11	Enantioselective Ruthenium-Catalyzed 1,3-Dipolar Cycloadditions between <i>C</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
12	Diastereoselective preparation of novel tetrahydrooxazinones via heterocycloaddition of <i>N</i> -Boc, <i>O</i> -Me-acetals. <i>Tetrahedron Letters</i> , 2004, 45, 9589-9592.	1.4	31
13	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
14	Lewis Acid Catalysed [4+2] Heterocycloadditions between Ketone Enol Ethers and β -Ethylenic β -Oxo Esters. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 514-525.	2.4	29
15	Asymmetric Synthesis of β , β -Disubstituted Amino Acids by Cycloaddition of (<i>E</i>)-Ketonitrones with Vinyl Ethers. <i>Organic Letters</i> , 2014, 16, 1936-1939.	4.6	29
16	A hetero Diels-Alder approach to the synthesis of the first angucyclinone and angucycline 5-aza-analogues. <i>Tetrahedron Letters</i> , 2004, 45, 4911-4915.	1.4	26
17	Stereospecific C-glycosylation by Mizoroki-Heck Reaction: A Powerful and Easy-to-Set-Up Synthetic Tool to Access β - and β -Aryl C-glycosides. <i>Chemistry - A European Journal</i> , 2018, 24, 14069-14074.	3.3	21
18	High-Pressure Hetero-Diels-Alder Route to β -6,6,6-Trifluoro- β - <i>C</i> -Naphthyl Glycosides. <i>Organic Letters</i> , 2009, 11, 1619-1622.	4.6	15

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19	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
20	Solid-Phase Synthesis of Dihydropyrans by Heterocycloaddition of a Supported Vinyl Ether: Progress in Functional Diversity. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4118-4120.	2.4	13
21	Synthesis of 5-aza-analogues of angucyclines: manipulation of the 2-deoxy-C-glycoside subunit. <i>Tetrahedron Letters</i> , 2005, 46, 7669-7673.	1.4	13
22	TBAF-Triggered Aldol-Type Addition of $\hat{I}\pm$ -Triethylsilyl- $\hat{I}\pm$ -diazoacetone. <i>Journal of Organic Chemistry</i> , 2015, 80, 9980-9988.	3.2	13
23	$\hat{I}\pm$ -Triethylsilyl- $\hat{I}\pm$ -diazoacetone in double cross-aldolisation: convenient acetone equivalent toward 5-hydroxy-1,3-diketones. <i>Tetrahedron</i> , 2012, 68, 9652-9657.	1.9	11
24	Enantioselective 1,3- $\hat{I}\pm$ -Dipolar Cycloaddition Reactions of $\hat{I}\pm$ -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
25	Practical asymmetric access to carboxy-differentiated aspartate derivatives via 1,3-dipolar cycloaddition of a nitron with (R)-4-ethyl-N-vinylloxazolidin-2-one. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2084-2087.	1.8	10
26	A Straightforward and Flexible [4 + 2] Route to \hat{I}^2 -C-Naphthyl-2-deoxy-glycosides through Tandem Hydroboration-Ketal Reduction: De Novo Access to C-Naphthyl-6-fluoro and 6,6-Difluoro 2-Deoxyglycosides. <i>Journal of Organic Chemistry</i> , 2005, 70, 2641-2650.	3.2	9
27	Asymmetric Access to $\hat{I}\pm$ -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
28	Solid-phase de novo synthesis of a ($\hat{A}\pm$)-2-deoxy-glycoside. <i>Carbohydrate Research</i> , 2010, 345, 844-849.	2.3	8
29	[4+2]/HyBRedOx Approach to $\hat{I}\pm$ -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	[3+2] Route to Quaternary Oxaprolinol Derivatives as Masked Precursors of Disubstituted \hat{I}^2 -Amino Aldehyde. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3923-3934.	2.4	6
31	Acetylene-free synthesis of vinyloxy pyridine and quinoline. <i>Tetrahedron Letters</i> , 2016, 57, 5825-5829.	1.4	6
32	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
33	Asymmetric Access to Peptidyl \hat{I}^2 -Aldehydes by Coupling of N-Phthalyl $\hat{I}\pm$ -Amino Acids with a Synthetic Heterocyclic \hat{I}^2 -Amino Aldehyde Precursor. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3309-3313.	2.4	5
34	Function-Oriented Synthesis toward Peloruside A Analogues. <i>Organic Letters</i> , 2019, 21, 2988-2992.	4.6	5
35	Access to C-protected \hat{I}^2 -amino-aldehydes via transacetalization of 6-alcoxy tetrahydrooxazinones and use for pseudo-peptide synthesis. <i>Tetrahedron</i> , 2012, 68, 2179-2188.	1.9	4
36	Advances in the TBAF-induced aldol-type addition of $\hat{I}\pm$ -trialkylsilyl- $\hat{I}\pm$ -diazoacetones: TIPS versus TES. <i>Comptes Rendus Chimie</i> , 2017, 20, 595-600.	0.5	2

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37	1,3-Dipolar cycloaddition of vinyloxy quinolines with $\hat{\alpha}$ -alkoxy carbonyl aldonitrone or cyclic surrogates: A comparative study for an asymmetric access to trans 4-quinolinoxy oxaprolines. <i>Tetrahedron</i> , 2019, 75, 429-440.	1.9	2
38	$\hat{\alpha}$ -Valerolactamic Quaternary Amino Acid Derivatives: Enantiodivergent Synthesis and Evidence for Stereodifferentiated $\hat{\alpha}$ -Turn-Inducing Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 8041-8055.	3.2	2
39	TIPS-Diazoacetone Aldol Addition: Mechanistic Aspects and Contribution to the Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 4917-4931.	3.2	1