

# David Gueyrard

## List of Publications by Year in descending order

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51  
papers

1,052  
citations

361413

20  
h-index

454955

30  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1015  
citing authors

#	ARTICLE	IF	CITATIONS
1	1,3-Dipolar cycloaddition reactions on carbohydrate-based templates: synthesis of spiro-isoxazolines and 1,2,4-oxadiazoles as glycogen phosphorylase inhibitors. <i>Tetrahedron Letters</i> , 2006, 47, 6143-6147.	1.4	79
2	Formation of glucoraphanin by chemoselective oxidation of natural glucoerucin: A chemoenzymatic route to sulforaphane. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 1047-1048.	2.2	74
3	Glucose-based spiro-isoxazolines: A new family of potent glycogen phosphorylase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7368-7380.	3.0	59
4	Synthesis of Methylene Exoglycals Using a Modified Julia Olefination. <i>Synlett</i> , 2005, 2005, 520-522.	1.8	51
5	Synthesis of enol ethers from lactones using modified Julia olefination reagents: application to the preparation of tri- and tetrasubstituted exoglycals. <i>Tetrahedron Letters</i> , 2008, 49, 747-749.	1.4	45
6	Barbarea verna as a source of 2-phenylethyl glucosinolate, precursor of cancer chemopreventive phenylethyl isothiocyanate. <i>FÃ-toterapÃ-Ãç</i> , 2001, 72, 760-764.	2.2	44
7	General synthesis and biological evaluation of Î±-1-C-substituted derivatives of fagomine (2-deoxynojirimycin-Î±-C-glycosides). <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2313-2324.	3.0	40
8	Total Synthesis of Bistramideâ€¦A and Its 36( <i>exo</i> )â€¦Isomers: Differential Effect on Cell Division, Differentiation, and Apoptosis. <i>Chemistry - A European Journal</i> , 2012, 18, 7452-7466.	3.3	38
9	Reactivity Range of a Chiral 1,3-Oxazolidine-2-thione Obtained from Vegetable Source through Chemo-enzymatic Processing. <i>Heterocycles</i> , 2000, 52, 827.	0.7	38
10	Synthesis of Fluorinated and Trifluoromethyl-Substituted Alkenes through the Modified Julia Olefination: An Update. <i>Synthesis</i> , 2015, 47, 1534-1546.	2.3	34
11	Synthesis of Fluorinated <i>exo</i> -Glycals through Modified Julia Olefination. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1872-1875.	2.4	27
12	Modified Julia Olefination on Anhydrides: Extension and Limitations. Application to the Synthesis of Maculalactone B. <i>Organic Letters</i> , 2016, 18, 4790-4793.	4.6	26
13	Chemo-enzymatic preparation from renewable resources of enantiopure 1,3-oxazolidine-2-thiones. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4775-4780.	1.8	25
14	The glucosinolateâ€“myrosinase system. New insights into enzymeâ€“substrate interactions by use of simplified inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1872.	2.8	25
15	Synthesis of N-aryl spiro-sulfamides as potential glycogen phosphorylase inhibitors. <i>Tetrahedron Letters</i> , 2012, 53, 959-961.	1.4	25
16	Base-modified nucleosides from carbohydrate derived oxazolidinethiones: a five-step process. <i>Tetrahedron Letters</i> , 2001, 42, 2977-2980.	1.4	23
17	A new and rapid access to homochiral 2,3-dihydro-oxazolo[2,3-b]quinazolin-5-ones. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 337-340.	1.8	23
18	A Julia olefination approach to the synthesis of functionalized enol ethers and their transformation into carbohydrate-derived spiroketals. <i>Tetrahedron Letters</i> , 2008, 49, 750-754.	1.4	23

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19	Ring-opening reactions of iminosugar-derived aziridines: application to the general synthesis of $\pm$ -1-C-substituted derivatives of fagomine. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1969-1972.	1.8	21
20	Synthetic Approaches to C-Glucosinolates. <i>Tetrahedron</i> , 2000, 56, 2647-2654.	1.9	20
21	First synthesis of an O-glycosylated glucosinolate isolated from <i>Moringa oleifera</i> . <i>Tetrahedron Letters</i> , 2000, 41, 8307-8309.	1.4	20
22	Carbohydrate-based spiro bis(isoxazolines): synthesis and evaluation in asymmetric catalysis. <i>Tetrahedron Letters</i> , 2010, 51, 374-377.	1.4	20
23	Synthesis and biological evaluation of benzo[4,5]imidazo[1,2-c]pyrimidine and benzo[4,5]imidazo[1,2-a]pyrazine derivatives as anaplastic lymphoma kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1303-1312.	3.0	20
24	Access to cyclic gem-difluoroacyl scaffolds via electrochemical and visible light photocatalytic radical tandem cyclization of heteroaryl chlorodifluoromethyl ketones. <i>Chemical Communications</i> , 2017, 53, 5653-5656.	4.1	19
25	A convenient synthesis of fluoroalkyl and fluoroaryl glycosides using Mitsunobu conditions. <i>Carbohydrate Research</i> , 1999, 318, 171-179.	2.3	18
26	Synthesis of the spiroketal fragment of bistramide A via an exocyclic enol ether. <i>Tetrahedron Letters</i> , 2010, 51, 4599-4601.	1.4	18
27	Regioselective synthesis and biological evaluation of spiro-sulfamidate glycosides from exo-glycals. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1817-1823.	1.8	16
28	Glucosinolate Chemistry: Synthesis of <i>O</i> -Glycosylated Derivatives of Glucosinalbin. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3657-3664.	2.4	16
29	Synthesis of 2-, 3-, and 4-substituted Pyrido[2,3- <i>b</i> ]indoles by C-N, C-O, and C(sp) Bond Formation. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6665-6677.	2.4	16
30	Modified Julia Olefination on Sugar-Derived Lactones: Synthesis of Difluoro-exo-glycals. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 871-875.	2.4	15
31	Development of a Modified Julia Olefination of Imides for the Synthesis of Alkaloids. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2944-2953.	2.4	15
32	Synthesis of substituted exo-glycals via a modified Julia olefination and identification as selective $\beta$ -glucosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 690-699.	2.8	14
33	Synthesis of C-Glucoside endo-Glycals from C-Glucosyl Vinyl Sulfones. <i>Synthesis</i> , 2006, 2006, 1499-1503.	2.3	12
34	Chemoselective functionalization of $\pm$ -carbolines at the C-2, C-3, C-4, and C-6 positions using Suzuki-Miyaura reactions. <i>Tetrahedron</i> , 2009, 65, 5427-5437.	1.9	12
35	Extension of the Modified Julia Olefination on Carboxylic Acid Derivatives: Scope and Applications. <i>Synlett</i> , 2018, 29, 34-45.	1.8	10
36	A Concise and Efficient Synthesis of Spiroketals - Application to the Synthesis of SPIKETP and a Spiroketal from <i>Bactrocera</i> Species. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 915-920.	2.4	9

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37	Synthesis of <i>exo</i> - $\alpha$ -enamides from Protected Lactams Using a Modified Julia Olefination Reaction: Application to the Synthesis of Spiroaminal Fragments. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6501-6506.	2.4	9
38	Fluorinated hydroxypiperidines as selective $\beta$ -glucosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5983-5996.	2.8	7
39	Synthesis of 5,10,15,20-tetrakis(2-amino-5-methoxyphenyl)-porphyrin: a versatile building block for porphyrin face selection. <i>Tetrahedron Letters</i> , 2004, 45, 1713-1716.	1.4	6
40	Synthesis of C-linked immobilized analogs of aloisine A by "click" chemistry. <i>Tetrahedron Letters</i> , 2009, 50, 741-744.	1.4	6
41	Identification of potential cellular targets of aloisine A by affinity chromatography. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5572-5582.	3.0	6
42	Synthesis of Substituted Indolizidines and Quinolizidines by Regioselective Intramolecular Modified Julia Olefination of Imides. <i>Journal of Organic Chemistry</i> , 2020, 85, 864-875.	3.2	6
43	Synthesis of 6-Substituted Pyrido[2,3-b]indoles by Electrophilic Substitution. <i>Synlett</i> , 2007, 2007, 2237-2241.	1.8	5
44	Synthesis of new derivatives of 11-thiolupinine. <i>Journal of Sulfur Chemistry</i> , 2010, 31, 493-498.	2.0	5
45	Identification of non-ATP-competitive $\beta$ -carboline inhibitors of the anaplastic lymphoma kinase. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114488.	5.5	3
46	Thioimidate N-Oxides: From Nature to Synthetic Pathways. <i>Synlett</i> , 2010, 2010, 725-728.	1.8	2
47	Study of the Regio- and Stereoselectivity of [3+2] Cycloaddition of Nitrile Oxides to Various Racemic 3-acyloxy and 3-hydroxybut-1-enes. <i>Letters in Organic Chemistry</i> , 2012, 9, 96-100.	0.5	2
48	Preparation of $\alpha$ -alkylidene-phthalides: Recent Advances. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	1
49	Synthesis of Semicyclic Dienes by Modified Julia Olefination of Vinyl Sulfones Derived from Carbohydrates. <i>Synlett</i> , 2007, 2007, 2590-2592.	1.8	0
50	Efficient Synthesis of the C1-C13 Fragment of Bistramide A. <i>Synlett</i> , 2012, 2012, 215-218.	1.8	0
51	GECO 53. <i>Comptes Rendus Chimie</i> , 2013, 16, .	0.5	0