

# Cyril Nicolas

## List of Publications by Year in descending order

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30  
papers

750  
citations

687363

13  
h-index

526287

27  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mounting Freestanding Molecular Functions onto Surfaces: The Platform Approach. <i>Journal of the American Chemical Society</i> , 2009, 131, 442-443.	13.7	155
2	Asymmetric Rh(II)-Catalyzed Cyclopropanation of Alkenes with Diaceptor Diazo Compounds: <i>p</i> -Methoxyphenyl Ketone as a General Stereoselectivity Controlling Group. <i>Journal of the American Chemical Society</i> , 2011, 133, 8972-8981.	13.7	148
3	Triazatriangulenium Cations: Highly Stable Carbocations for Phase-Transfer Catalysis. <i>Organic Letters</i> , 2006, 8, 4343-4346.	4.6	53
4	Chiral Selectivity in the Binding of [4]Helicene Derivatives to Double-stranded DNA. <i>Chemistry - A European Journal</i> , 2013, 19, 7173-7180.	3.3	43
5	Synthesis, Resolution, and VCD Analysis of an Enantiopure Diazaoxatricornan Derivative. <i>Journal of the American Chemical Society</i> , 2008, 130, 6507-6514.	13.7	39
6	On the synthesis and optical properties of sulfur-bridged analogues of triangulenium cations and their precursors. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 1049-1056.	1.9	32
7	Catalytic aerobic photooxidation of primary benzylic amines using hindered acridinium salts. <i>Tetrahedron Letters</i> , 2005, 46, 4605-4608.	1.4	30
8	Copper-Mediated Synthesis of Aryldifluoromethylphosphonates: A Sandmeyer Approach. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3787-3792.	2.4	30
9	Glycoside Mimics from Glycosylamines: Recent Progress. <i>Molecules</i> , 2018, 23, 1612.	3.8	27
10	Tunable Approach for the Stereoselective Synthesis of 1-C-Diethylphosphono(difluoromethyl) Iminosugars as Glycosyl Phosphate Mimics. <i>Journal of Organic Chemistry</i> , 2017, 82, 2753-2763.	3.2	26
11	An expeditious synthesis of an analogue of (â <sup>+</sup> )-steviamine by way of the 1,3-dipolar cycloaddition of a nitrile oxide with a 1-C-allyl iminosugar. <i>Tetrahedron Letters</i> , 2011, 52, 6399-6402.	1.4	18
12	Synthesis and Reactivity of <i>N</i> -tert-Butanesulfinyl Glycosylamines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4330-4334.	2.4	17
13	Asymmetric synthesis of the two enantiomers of $\beta$ -phosphorus-containing $\alpha$ -amino acids via hydrophosphinylation and hydrophosphonylation of chiral Ni-complexes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2190-2195.	4.5	16
14	$\beta$ -C(sp <sup>2</sup> )-H alkylation of enamides using xanthate chemistry. <i>New Journal of Chemistry</i> , 2020, 44, 7129-7141.	2.8	15
15	Triazole-Linked Iminosugars and Aromatic Systems as Simplified UDP-Gal Mimics: Synthesis and Preliminary Evaluation as Galactose-4-Epimerase Inhibitors. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6192-6201.	2.4	12
16	1-C-phosphonomethyl- and 1-C-difluorophosphonomethyl-1,4-imino-l-arabinitols as Galactose-4-Epimerase inhibitors: A comparison. <i>Carbohydrate Research</i> , 2018, 461, 45-50.	2.3	12
17	Iron catalyzed $\beta$ -C(sp <sup>2</sup> )-H alkylation of enamides. <i>New Journal of Chemistry</i> , 2021, 45, 17475-17482.	2.8	10
18	Organocatalytic Aldol Reactions of Hydroxy Ketones with Soserinal: Asymmetric Synthesis of 6-Deoxy-1,5-Aminoheptitols and Related Compounds. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1296-1305.	2.4	9

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19	Total synthesis of pipercolic acid and 1-alkyl 1,5-iminopentitol derivatives by way of stereoselective aldol reactions from (S)-isoserinal. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1118-1125.	2.8	9
20	Palladium-Catalysed Isomerisation of 2-Vinylidenehydrofurans to 1,3-Dienes and Some Aspects of Their Reactivity. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4446-4453.	2.4	8
21	Stereospecific Synthesis of Glycoside Mimics Through Migita-Kosugi-Stillé Cross-Coupling Reactions of Chemically and Configurationally Stable 1-C-Tributylstannyl Iminosugars. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 470-483.	4.3	8
22	En Route to Novel Furanoside Mimics through Stereoselective Zinc-Mediated Propargylation of N-Benzyl Glycofuranosylamines Using Ultrasound Activation. <i>Synlett</i> , 2015, 26, 187-192.	1.8	7
23	Microwave-Assisted Suzuki-Miyaura and Sonogashira Coupling of 4-Chloro-2-(trifluoromethyl)pyrido[1,2-e]purine Derivatives. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5756-5767.	2.4	7
24	Effects of the Selected Iminosugar Derivatives on <i>Pseudomonas aeruginosa</i> Biofilm Formation. <i>Microbial Drug Resistance</i> , 2016, 22, 638-645.	2.0	6
25	A practical approach to Dideoxy-1,4- and 1,5-iminopentitols from protected sugar hemiacetals. <i>Carbohydrate Research</i> , 2019, 486, 107855.	2.3	5
26	Iridium-Catalyzed $^2\text{H}$ Borylation of Enamides - Access to 3,3-Dihalogeno-2-methoxypiperidines. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	4
27	An Alternative Preparation of Azides from Amines via Diazotransfer with Triflyl Azide. , 2017, , 55-61.		2
28	Facile, Efficient and Chemoselective Palladium(0)-Catalyzed Isomerization of 2-Vinylidenehydrofurans into Valuable Functionalized 1,3-Dienes. <i>Synlett</i> , 2004, 2004, 1820-1822.	1.8	1
29	2,3,5-Tri-O-benzyl-d-xylofuranose. <i>MolBank</i> , 2022, 2022, M1382.	0.5	1
30	Facile, Efficient and Chemoselective Palladium(0)-Catalyzed Isomerization of 2-Vinylidenehydrofurans into Valuable Functionalized 1,3-Dienes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0