

Emmanuel Gentil

List of Publications by Year in descending order

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17
papers

129
citations

1478505

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1281871

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docs citations

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times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and structural characterization of macrocyclic carbohydrate derivatives obtained from catalytic metathesis reaction with chloro-aryloxide complexes of tungsten. <i>Tetrahedron</i> , 1996, 52, 10903-10920.	1.9	20
2	Metabolic flux in glucose/citrate co-fermentation by lactic acid bacteria as measured by isotopic ratio analysis. <i>FEMS Microbiology Letters</i> , 2000, 182, 207-211.	1.8	20
3	Determination of Multiple Equilibrium Isotopic Fractionation Factors at Natural Abundance in Liquid-Vapor Transitions of Organic Molecules. <i>Journal of Physical Chemistry B</i> , 2002, 106, 2983-2988.	2.6	15
4	In situ ¹⁹ F NMR spectroscopy study of enzymatic transglycosylation reactions using α -D-aldohexopyranosyl fluorides as donors and acceptors. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 779-783.	1.8	13
5	Determination of the natural abundance $\delta^{15}\text{N}$ of nortropine alkaloids by gas chromatography-isotope ratio mass spectrometry of their ethylcarbamate esters. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1405-1414.	3.7	8
6	Characterization by electrospray tandem mass spectrometry of a novel series of synthetic difuranic diamine dihydrochlorides containing the bis(5-aminomethyl-2-furyl) unit. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 869-875.	1.5	7
7	Cytochrome P450 Monooxygenase-Catalyzed Ring Opening of the Bicyclic Amine, Nortropine: An Experimental and DFT Computational Study. <i>ChemCatChem</i> , 2012, 4, 530-539.	3.7	6
8	Detection of ergosterol using liquid chromatography/electrospray ionization mass spectrometry: Investigation of unusual in-source reactions. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8780.	1.5	6
9	Untargeted Metabolomics Approach for the Discovery of Environment-Related Pyran-2-Ones Chemodiversity in a Marine-Sourced <i>Penicillium restrictum</i> . <i>Marine Drugs</i> , 2021, 19, 378.	4.6	6
10	Electrospray Tandem Mass Spectrometry of Ecdysteroid Moulting Hormones. <i>Spectroscopy</i> , 1994, 12, 43-53.	0.8	5
11	Electrospray Tandem Mass Spectrometry of 3'-azido-2',3',4'-trideoxy-4'-thio-5-halogenouridines and of a Novel Series of 3'-azido-2',3',4'-trideoxy-4'-thio-5-halogenouridines and their Respective α -Anomers. <i>Spectroscopy</i> , 1994, 12, 69-83.	0.8	5
12	Natural-abundance isotope ratio mass spectrometry as a means of evaluating carbon redistribution during glucose-citrate cofermentation by <i>Lactococcus lactis</i> . <i>FEBS Journal</i> , 2004, 271, 4392-4400.	0.2	4
13	Sugar Induced Modification in Glycolipid Production in <i>Acremonium</i> sp. Revealed by LC-MS Lipidomic Approach. <i>Current Biotechnology</i> , 2017, 6, .	0.4	3
14	Mass spectral studies on carbohydrate 1,2-orthocarbonate derivatives. <i>Organic Mass Spectrometry</i> , 1990, 25, 124-126.	1.3	2
15	Determination of the concentration of nitrogenous bio-organic compounds using an isotope ratio mass spectrometer operating in continuous flow mode. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1263-1271.	3.7	1
16	Tropane alkaloid metabolism by <i>Pseudomonas</i> AT3 cell cultures: Interchange between the nortropine and norpseudotropine catabolic pathways. <i>Phytochemistry Letters</i> , 2014, 10, ix-lxviii.	1.2	1
17	Electrospray Mass Spectrometric Characterization of Novel Unsaturated Neutral Carbohydrate Bolaforms Obtained by Catalytic Metathesis. <i>Journal of the Brazilian Chemical Society</i> , 1996, 7, 379-384.	0.6	0