

# Joseph Banoub

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,345  
citations

623734

14  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of oligosaccharides of 2-amino-2-deoxy sugars. <i>Chemical Reviews</i> , 1992, 92, 1167-1195.	47.7	349
2	Chemistry of the glycosidic linkage. An efficient synthesis of 1,2-trans-di-saccharides. <i>Carbohydrate Research</i> , 1977, 53, C13-C16.	2.3	276
3	Mass Spectrometry, Review of the Basics: Electrospray, MALDI, and Commonly Used Mass Analyzers. <i>Applied Spectroscopy Reviews</i> , 2009, 44, 210-230.	6.7	235
4	A critique on the structural analysis of lignins and application of novel tandem mass spectrometric strategies to determine lignin sequencing. <i>Journal of Mass Spectrometry</i> , 2015, 50, 5-48.	1.6	86
5	Chemistry of the glycosidic linkage. O-glycosylations catalyzed by stannic chloride, in the D-ribofuranose and D-glucopyranose series. <i>Carbohydrate Research</i> , 1977, 59, 261-267.	2.3	78
6	Chemistry of the glycosidic linkage. A rapid and efficient synthesis of carbohydrate 1,2-orthoesters. <i>Carbohydrate Research</i> , 1975, 44, C14-C17.	2.3	36
7	Proteomics in the diagnosis of hepatocellular carcinoma: focus on high risk hepatitis B and C patients. <i>Anticancer Research</i> , 2006, 26, 3293-300.	1.1	33
8	Elucidation of the molecular structure of lipid A isolated from both a rough mutant and a wild strain of <i>Aeromonas salmonicida</i> lipopolysaccharides using electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1683-1695.	1.5	30
9	Characterization and De Novo Sequencing of Atlantic Salmon Vitellogenin Protein by Electrospray Tandem and Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 121-134.	1.0	21
10	Chemistry of the glycosidic linkage. Lewis acid catalyzed glycosidations with amide acetals and lactim ethers. <i>Tetrahedron Letters</i> , 1976, 17, 657-660.	1.4	18
11	Structural determination of the novel fragmentation routes of morphine opiate receptor antagonists using electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3119-3130.	1.5	17
12	Characterisation of the Intact Rainbow Trout Vitellogenin Protein and Analysis of its Derived Tryptic and Cyanogen Bromide Peptides by Matrix-Assisted Laser Desorption/Ionisation Time-of-Flight-Mass Spectrometry and Electrospray Ionisation Quadrupole/Time-of-Flight Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2003, 9, 509-524.	1.0	15
13	Characterization of the O-4 Phosphorylated and O-5 Substituted Kdo Reducing End Group and Sequencing of the Core Oligosaccharide of <i>Aeromonas Salmonicida</i> ssp <i>Salmonicida</i> Lipopolysaccharide Using Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2004, 10, 715-730.	1.0	14
14	In situ formation of C-glycosides during electrospray ionization tandem mass spectrometry of a series of synthetic amphiphilic cholesteryl polyethoxy neoglycolipids containing N-acetyl-D-glucosamine. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 565-570.	2.8	13
15	Chemistry of the glycosidic linkage. $\beta$ -ribofuranosyl disaccharides via glycosidation with cyclic amide acetals. <i>Tetrahedron Letters</i> , 1976, 17, 661-664.	1.4	11
16	Establishment of mass spectrometric fingerprints of novel synthetic cholesteryl neoglycolipids: The presence of a unique C-glycoside species during electrospray ionization and during collision-induced dissociation tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 294-310.	2.8	10
17	Top-down lignomic matrix-assisted laser desorption/ionization time-of-flight tandem mass spectrometry analysis of lignin oligomers extracted from date palm wood. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 539-560.	1.5	10
18	Novel Synthesis of Disaccharides Containing the 2-Amino-2-deoxy- $\beta$ -D-glucopyranosyl Unit and L-Glycero-D-Manno- and 7-Deoxy-L-Glycero-D-Galacto-heptopyranoses. <i>Chemistry Letters</i> , 2004, 33, 696-697.	1.3	7

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19	Matrix-assisted laser desorption/ionization time-of-flight/time-of-flight tandem mass spectrometry (negative ion mode) of French Oak lignin: A novel series of lignin and tricin derivatives attached to carbohydrate and shikimic acid moieties. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8841.	1.5	6
20	Top-down lignomics analysis of the French pine lignin by atmospheric pressure photoionization quadrupole time-of-flight tandem mass spectrometry: Identification of a novel series of lignin-carbohydrate complexes. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8910.	1.5	4
21	Top-down lignomics analysis of the French oak lignin by atmospheric pressure photoionization and electrospray ionization quadrupole time-of-flight tandem mass spectrometry: Identification of a novel series of lignans. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4676.	1.6	4
22	Mass spectral studies on carbohydrate 1,2-orthocarbonate derivatives. <i>Organic Mass Spectrometry</i> , 1990, 25, 124-126.	1.3	2
23	Mass Spectrometry as a Powerful Analytical Technique for the Structural Characterization of Synthesized and Natural Products. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2011, , 319-360.	0.5	2