Joseph H Banoub

List of Publications by Year
in descending order

20	872	759233 12	752698 20
papers	citations	h-index	g-index

23	23	23	1130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mass Spectrometry, Review of the Basics: Electrospray, MALDI, and Commonly Used Mass Analyzers. Applied Spectroscopy Reviews, 2009, 44, 210-230.	6.7	235
2	Environmental impact of bioplastic use: A review. Heliyon, 2021, 7, e07918.	3.2	178
3	A critique on the structural analysis of lignins and application of novel tandem mass spectrometric strategies to determine lignin sequencing. Journal of Mass Spectrometry, 2015, 50, 5-48.	1.6	86
4	Elucidation of the complex molecular structure of wheat straw lignin polymer by atmospheric pressure photoionization quadrupole timeâ€ofâ€flight tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 2867-2888.	1.5	67
5	Structural elucidation of the wheat straw lignin polymer by atmospheric pressure chemical ionization tandem mass spectrometry and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Mass Spectrometry, 2003, 38, 900-903.	1.6	57
6	Structural investigation of bacterial lipopolysaccharides by mass spectrometry and tandem mass spectrometry. Mass Spectrometry Reviews, 2010, 29, 606-650.	5.4	55
7	Lignin degradation by microorganisms: A review. Biotechnology Progress, 2022, 38, e3226.	2.6	39
8	Elucidation of the molecular structure of lipid A isolated from both a rough mutant and a wild strain ofAeromonas salmonicida lipopolysaccharides using electrospray ionization quadrupole time-of-flight tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 1683-1695.	1.5	30
9	Structural investigations on the core oligosaccharide of Aeromonas hydrophila (chemotype II) lipopolysaccharide. Carbohydrate Research, 1983, 114, 267-276.	2.3	26
10	Structure of the lipopolysaccharide core isolated from a human strain of Aeromonas hydrophila. FEBS Journal, 1984, 145, 107-114.	0.2	25
11	Demystifying and unravelling the molecular structure of the biopolymer sporopollenin. Rapid Communications in Mass Spectrometry, 2020, 34, e8740.	1.5	24
12	Inclusion of a Phytomedicinal Flavonoid in Biocompatible Surface-Modified Chylomicron Mimic Nanovesicles with Improved Oral Bioavailability and Virucidal Activity: Molecular Modeling and Pharmacodynamic Studies. Pharmaceutics, 2022, 14, 905.	4.5	17
13	Topâ€down lignomic matrixâ€assisted laser desorption/ionization timeâ€ofâ€flight tandem mass spectrometry analysis of lignin oligomers extracted from date palm wood. Rapid Communications in Mass Spectrometry, 2019, 33, 539-560.	1.5	10
14	Matrixâ€assisted laser desorption/ionization timeâ€ofâ€flight/timeâ€ofâ€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. Rapid Communications in Mass Spectrometry, 2020, 34, e8841.	1.5	6
15	Topâ€down lignomics analysis of the French pine lignin by atmospheric pressure photoionization quadrupole timeâ€ofâ€flight tandem mass spectrometry: Identification of a novel series of ligninâ€“carbohydrate complexes. Rapid Communications in Mass Spectrometry, 2020, 34, e8910.	1.5	4
16	Topâ€“down lignomics analysis of the French oak lignin by atmospheric pressure photoionization and electrospray ionization quadrupole timeâ€ofâ€flight tandem mass spectrometry: Identification of a novel series of lignans. Journal of Mass Spectrometry, 2021, 56, e4676.	1.6	4
17	Integrating Field Analyses with Laboratory Exposures to Assess Ecosystems Health. Polycyclic Aromatic Compounds, 2012, 32, 97-132.	2.6	3
18	Gasâ€phase fragmentation of the Nâ€oxide and Nâ€hydroxylated derivatives of retrorsine using liquid chromatography/electrospray ionization quadrupole timeâ€ofâ€flight tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 1733-1748.	1.5	2

#	Article	IF	Citations
19	Tandem mass spectrometry determination of the putative structure of a heterogeneous mixture of Lipid A_s isolated from the lipopolysaccharide of the Gramâ€negative bacteria Aeromonas liquefaciens SJâ€19a. Rapid Communications in Mass Spectrometry, 2016, 30, 1043-1058.	1.5	2
20	Structural investigation by tandem mass spectrometry analysis of a heterogeneous mixture of Lipid A_n isolated from the lipopolysaccharide of Aeromonas hydrophila SJâ€55Ra. Rapid Communications in Mass Spectrometry, 2018, 32, 167-183.	1.5	2