

Joseph H Banoub

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

872
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1130
citing authors

#	ARTICLE	IF	CITATIONS
1	Lignin degradation by microorganisms: A review. <i>Biotechnology Progress</i> , 2022, 38, e3226.	2.6	39
2	Inclusion of a Phytomedicinal Flavonoid in Biocompatible Surface-Modified Chylomicron Mimic Nanovesicles with Improved Oral Bioavailability and Virucidal Activity: Molecular Modeling and Pharmacodynamic Studies. <i>Pharmaceutics</i> , 2022, 14, 905.	4.5	17
3	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
4	Environmental impact of bioplastic use: A review. <i>Heliyon</i> , 2021, 7, e07918.	3.2	178
5	Demystifying and unravelling the molecular structure of the biopolymer sporopollenin. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8740.	1.5	24
6	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
7	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
8	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
9	Structural investigation by tandem mass spectrometry analysis of a heterogeneous mixture of Lipid A _n isolated from the lipopolysaccharide of <i>Aeromonas hydrophila</i> SJ55Ra. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 167-183.	1.5	2
10	Tandem mass spectrometry determination of the putative structure of a heterogeneous mixture of Lipid A _s isolated from the lipopolysaccharide of the Gram-negative bacteria <i>Aeromonas liquefaciens</i> SJ19a. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1043-1058.	1.5	2
11	Gas-phase fragmentation of the <i>N</i> -oxide and <i>N</i> -hydroxylated derivatives of retrorsine using liquid chromatography/electrospray ionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1733-1748.	1.5	2
12	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
13	Integrating Field Analyses with Laboratory Exposures to Assess Ecosystems Health. <i>Polycyclic Aromatic Compounds</i> , 2012, 32, 97-132.	2.6	3
14	Structural investigation of bacterial lipopolysaccharides by mass spectrometry and tandem mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2010, 29, 606-650.	5.4	55
15	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
16	Elucidation of the complex molecular structure of wheat straw lignin polymer by atmospheric pressure photoionization quadrupole time-of-flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2867-2888.	1.5	67
17	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
18	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. <i>Journal of Mass Spectrometry</i> , 2003, 38, 900-903.	1.6	57

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19	Structure of the lipopolysaccharide core isolated from a human strain of <i>Aeromonas hydrophila</i> . <i>FEBS Journal</i> , 1984, 145, 107-114.	0.2	25
20	Structural investigations on the core oligosaccharide of <i>Aeromonas hydrophila</i> (chemotype II) lipopolysaccharide. <i>Carbohydrate Research</i> , 1983, 114, 267-276.	2.3	26