

Justine Bertrand-Michel

List of Publications by Year in descending order

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27
papers

1,081
citations

567281

15
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2368
citing authors

#	ARTICLE	IF	CITATIONS
1	LC-MS/MS method for rapid and concomitant quantification of pro-inflammatory and pro-resolving polyunsaturated fatty acid metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 123-133.	2.3	172
2	Metabolism dysregulation induces a specific lipid signature of nonalcoholic steatohepatitis in patients. <i>Scientific Reports</i> , 2017, 7, 46658.	3.3	168
3	Bacteria-derived long chain fatty acid exhibits anti-inflammatory properties in colitis. <i>Gut</i> , 2021, 70, 1088-1097.	12.1	105
4	Identification of an analgesic lipopeptide produced by the probiotic <i>Escherichia coli</i> strain Nissle 1917. <i>Nature Communications</i> , 2017, 8, 1314.	12.8	86
5	Simultaneous quantitative profiling of 20 isoprostanoïds from omega-3 and omega-6 polyunsaturated fatty acids by LC-MS/MS in various biological samples. <i>Analytica Chimica Acta</i> , 2016, 921, 46-58.	5.4	66
6	Non-enzymatic lipid oxidation products in biological systems: Assessment of the metabolites from polyunsaturated fatty acids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 964, 65-78.	2.3	65
7	Dietary oleic acid regulates hepatic lipogenesis through a liver X receptor-dependent signaling. <i>PLoS ONE</i> , 2017, 12, e0181393.	2.5	47
8	Stable Isotope Labeling Highlights Enhanced Fatty Acid and Lipid Metabolism in Human Acute Myeloid Leukemia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3325.	4.1	46
9	Quantification of Lipids: Model, Reality, and Compromise. <i>Biomolecules</i> , 2018, 8, 174.	4.0	43
10	Regiocontrolled syntheses of FAHFAs and LC-MS/MS differentiation of regioisomers. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9012-9020.	2.8	42
11	Essential fatty acids deficiency promotes lipogenic gene expression and hepatic steatosis through the liver X receptor. <i>Journal of Hepatology</i> , 2013, 58, 984-992.	3.7	41
12	Acid Ceramidase Deficiency in Mice Results in a Broad Range of Central Nervous System Abnormalities. <i>American Journal of Pathology</i> , 2017, 187, 864-883.	3.8	41
13	Oleate dose-dependently regulates palmitate metabolism and insulin signaling in C2C12 myotubes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2000-2010.	2.4	27
14	Urinary lysophospholipids are increased in diabetic patients with nephropathy. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1103-1108.	2.3	24
15	Proton NMR Enables the Absolute Quantification of Aqueous Metabolites and Lipid Classes in Unique Mouse Liver Samples. <i>Metabolites</i> , 2020, 10, 9.	2.9	17
16	Improving lipid mapping in Genome Scale Metabolic Networks using ontologies. <i>Metabolomics</i> , 2020, 16, 44.	3.0	17
17	Insight into the contribution of isoprostanoïds to the health effects of omega 3 PUFAs. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 133, 111-122.	1.9	15
18	De novo synthesized polyunsaturated fatty acids operate as both host immunomodulators and nutrients for <i>Mycobacterium tuberculosis</i> . <i>ELife</i> , 2021, 10, .	6.0	12

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19	Cyclooxygenases and lipoxygenases are used by the fungus <i>Podospora anserina</i> to repel nematodes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2174-2182.	2.4	10
20	An Optimized Dual Extraction Method for the Simultaneous and Accurate Analysis of Polar Metabolites and Lipids Carried out on Single Biological Samples. <i>Metabolites</i> , 2020, 10, 338.	2.9	9
21	Untargeted Lipidomic Profiling of Dry Blood Spots Using SFC-HRMS. <i>Metabolites</i> , 2021, 11, 305.	2.9	8
22	Nuclear HMGB1 protects from nonalcoholic fatty liver disease through negative regulation of liver X receptor. <i>Science Advances</i> , 2022, 8, eabg9055.	10.3	7
23	Discovery and quantification of lipoamino acids in bacteria. <i>Analytica Chimica Acta</i> , 2022, 1193, 339316.	5.4	4
24	Atypical cleavage of protonated N-fatty acyl amino acids derived from aspartic acid evidenced by sequential MS3 experiments. <i>Amino Acids</i> , 2016, 48, 2717-2729.	2.7	3
25	Analysis of Oxysterols. <i>Methods in Molecular Biology</i> , 2018, 1730, 267-275.	0.9	3
26	Identification of bacterial lipo-amino acids: origin of regenerated fatty acid carboxylate from dissociation of lipo-glutamate anion. <i>Amino Acids</i> , 2022, 54, 241.	2.7	3
27	Addendum: An Optimised Dual Extraction Method for the Simultaneous and Accurate Analysis of Polar Metabolites and Lipids Carried out on Single Biological Samples. <i>Metabolites</i> 2020, 10, 338. <i>Metabolites</i> , 2020, 10, 490.	2.9	0