Zhixu Ni

List of Publications by Citations

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Version: 2024-04-17

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21 papers	433 citations	13 h-index	20 g-index
34 ext. papers	585 ext. citations	6.7 avg, IF	3.75 L-index

#	Paper	IF	Citations
21	The biopolymer bacterial nanocellulose as drug delivery system: investigation of drug loading and release using the model protein albumin. *Journal of Pharmaceutical Sciences*, **2013**, 102, 579-92	3.9	135
20	LPPtiger software for lipidome-specific prediction and identification of oxidized phospholipids from LC-MS datasets. *Scientific Reports*, **2017**, 7, 15138	4.9	32
19	LipidHunter Identifies Phospholipids by High-Throughput Processing of LC-MS and Shotgun Lipidomics Datasets. *Analytical Chemistry*, **2017**, 89, 8800-8807	7.8	29
18	A novel role for NUPR1 in the keratinocyte stress response to UV oxidized phospholipids. *Redox Biology*, **2019**, 20, 467-482	11.3	26
17	Fluorescence labeling of carbonylated lipids and proteins in cells using coumarin-hydrazide. *Redox Biology*, **2015**, 5, 195-204	11.3	25
16	Identification of carbonylated lipids from different phospholipid classes by shotgun and LC-MS lipidomics. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 5161-73	4.4	24
15	Liquid Chromatography Techniques in Lipidomics Research. *Chromatographia*, **2019**, 82, 77-100	2.1	22
14	Computational solutions in redox lipidomics - Current strategies and future perspectives. *Free Radical Biology and Medicine*, **2019**, 144, 110-123	7.8	20
13	Steatosis-induced proteins adducts with lipid peroxidation products and nuclear electrophilic stress in hepatocytes. *Redox Biology*, **2015**, 4, 158-68	11.3	17
12	Quality control requirements for the correct annotation of lipidomics data. *Nature Communications*, **2021**, 12, 4771	17.4	16
11	BioPAN: a web-based tool to explore mammalian lipidome metabolic pathways on LIPID MAPS. *F1000Research*, **2021**, 10, 4	3.6	14
10	LipidLynxX: a data transfer hub to support integration of large scale lipidomics datasets		13
9	Oxidative modification of skin lipids by cold atmospheric plasma (CAP): A standardizable approach using RP-LC/MS and DI-ESI/MS. *Chemistry and Physics of Lipids*, **2020**, 226, 104786	3.7	13
8	Evaluation of air oxidized PAPC: A multi laboratory study by LC-MS/MS. *Free Radical Biology and Medicine*, **2019**, 144, 156-166	7.8	12
7	Electrochemical oxidation of cholesterol: An easy way to generate numerous oxysterols in short reaction times. *European Journal of Lipid Science and Technology*, **2016**, 118, 325-331	3	9
6	BioPAN: a web-based tool to explore mammalian lipidome metabolic pathways on LIPID MAPS. *F1000Research*, **2021**, 10, 4	3.6	8
5	: A reference lipidome for human white adipose tissue. *Cell Reports Medicine*, **2021**, 2, 100407	18	6

4	Protein and lipid carbonylation in cellular model of nitrosative stress: mass spectrometry, biochemistry and microscopy study. *Free Radical Biology and Medicine*, **2014**, 75 Suppl 1, S15	7.8	5
3	A Novel Technique for Redox Lipidomics Using Mass Spectrometry: Application on Vegetable Oils Used to Fry Potatoes. *Journal of the American Society for Mass Spectrometry*, **2021**, 32, 1798-1809	3.5	2
2	Research Techniques Made Simple: Lipidomic Analysis in Skin Research.. *Journal of Investigative Dermatology*, **2022**, 142, 4-11.e1	4.3	1
1	Interpreting the lipidome: bioinformatic approaches to embrace the complexity. *Metabolomics*, **2021**, 17, 55	4.7	0