

# Zhixu Ni

## List of Publications by Year in Descending Order

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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	Research Techniques Made Simple: Lipidomic Analysis in Skin Research.. <i>Journal of Investigative Dermatology</i> , <b>2022</b> , 142, 4-11.e1	4.3	1
20	A Novel Technique for Redox Lipidomics Using Mass Spectrometry: Application on Vegetable Oils Used to Fry Potatoes. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2021</b> , 32, 1798-1809	3.5	2
19	Interpreting the lipidome: bioinformatic approaches to embrace the complexity. <i>Metabolomics</i> , <b>2021</b> , 17, 55	4.7	0
18	BioPAN: a web-based tool to explore mammalian lipidome metabolic pathways on LIPID MAPS. <i>F1000Research</i> , <b>2021</b> , 10, 4	3.6	8
17	BioPAN: a web-based tool to explore mammalian lipidome metabolic pathways on LIPID MAPS. <i>F1000Research</i> , <b>2021</b> , 10, 4	3.6	14
16	Quality control requirements for the correct annotation of lipidomics data. <i>Nature Communications</i> , <b>2021</b> , 12, 4771	17.4	16
15	: A reference lipidome for human white adipose tissue. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100407	18	6
14	Oxidative modification of skin lipids by cold atmospheric plasma (CAP): A standardizable approach using RP-LC/MS and DI-ESI/MS. <i>Chemistry and Physics of Lipids</i> , <b>2020</b> , 226, 104786	3.7	13
13	Evaluation of air oxidized PAPC: A multi laboratory study by LC-MS/MS. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 144, 156-166	7.8	12
12	Computational solutions in redox lipidomics - Current strategies and future perspectives. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 144, 110-123	7.8	20
11	A novel role for NUPR1 in the keratinocyte stress response to UV oxidized phospholipids. <i>Redox Biology</i> , <b>2019</b> , 20, 467-482	11.3	26
10	Liquid Chromatography Techniques in Lipidomics Research. <i>Chromatographia</i> , <b>2019</b> , 82, 77-100	2.1	22
9	LipidHunter Identifies Phospholipids by High-Throughput Processing of LC-MS and Shotgun Lipidomics Datasets. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 8800-8807	7.8	29
8	LPPTiger software for lipidome-specific prediction and identification of oxidized phospholipids from LC-MS datasets. <i>Scientific Reports</i> , <b>2017</b> , 7, 15138	4.9	32
7	Electrochemical oxidation of cholesterol: An easy way to generate numerous oxysterols in short reaction times. <i>European Journal of Lipid Science and Technology</i> , <b>2016</b> , 118, 325-331	3	9
6	Identification of carbonylated lipids from different phospholipid classes by shotgun and LC-MS lipidomics. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 5161-73	4.4	24
5	Fluorescence labeling of carbonylated lipids and proteins in cells using coumarin-hydrazide. <i>Redox Biology</i> , <b>2015</b> , 5, 195-204	11.3	25

4	Steatosis-induced proteins adducts with lipid peroxidation products and nuclear electrophilic stress in hepatocytes. <i>Redox Biology</i> , <b>2015</b> , 4, 158-68	11.3	17
3	Protein and lipid carbonylation in cellular model of nitrosative stress: mass spectrometry, biochemistry and microscopy study. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 75 Suppl 1, S15	7.8	5
2	The biopolymer bacterial nanocellulose as drug delivery system: investigation of drug loading and release using the model protein albumin. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 579-92	3.9	135
1	LipidLynxX: a data transfer hub to support integration of large scale lipidomics datasets		13