

Kai Schuhmann

List of Publications by Year in descending order

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14
papers

1,208
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2231
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel informatics concept for high-throughput shotgun lipidomics based on the molecular fragmentation query language. <i>Genome Biology</i> , 2011, 12, R8.	9.6	345
2	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950â€“Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	4.2	312
3	Shotgun lipidomics on a LTQ Orbitrap mass spectrometer by successive switching between acquisition polarity modes. <i>Journal of Mass Spectrometry</i> , 2012, 47, 96-104.	1.6	190
4	Bottom-Up Shotgun Lipidomics by Higher Energy Collisional Dissociation on LTQ Orbitrap Mass Spectrometers. <i>Analytical Chemistry</i> , 2011, 83, 5480-5487.	6.5	111
5	Intensity-Independent Noise Filtering in FT MS and FT MS/MS Spectra for Shotgun Lipidomics. <i>Analytical Chemistry</i> , 2017, 89, 7046-7052.	6.5	46
6	Nonalcoholic fatty liver disease stratification by liver lipidomics. <i>Journal of Lipid Research</i> , 2021, 62, 100104.	4.2	39
7	Disrupted Blood-Retina Lysophosphatidylcholine Transport Impairs Photoreceptor Health But Not Visual Signal Transduction. <i>Journal of Neuroscience</i> , 2019, 39, 9689-9701.	3.6	38
8	Monitoring Membrane Lipidome Turnover by Metabolic ¹⁵ N Labeling and Shotgun Ultra-High-Resolution Orbitrap Fourier Transform Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 12857-12865.	6.5	37
9	Spatiotemporal Control of Lipid Conversion, Actin-Based Mechanical Forces, and Curvature Sensors during Clathrin/AP-1-Coated Vesicle Biogenesis. <i>Cell Reports</i> , 2017, 20, 2087-2099.	6.4	23
10	Detection of Independent Associations of Plasma Lipidomic Parameters with Insulin Sensitivity Indices Using Data Mining Methodology. <i>PLoS ONE</i> , 2016, 11, e0164173.	2.5	22
11	Quantitative Fragmentation Model for Bottom-Up Shotgun Lipidomics. <i>Analytical Chemistry</i> , 2019, 91, 12085-12093.	6.5	17
12	Phosphoinositide Profile of the Mouse Retina. <i>Cells</i> , 2020, 9, 1417.	4.1	17
13	Hydroxylated sphingolipid biosynthesis regulates photoreceptor apical domain morphogenesis. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	9
14	Increasing plasma lysophosphatidylcholine levels in patients with regular dextran sulfate lipoprotein apheresis. <i>Atherosclerosis Supplements</i> , 2015, 18, 170-175.	1.2	2