Kui Yang

List of Publications by Year
in descending order

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15 papers	1,807 citations	567281 15 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2878 citing authors

#	Article	IF	Citations
1	Heart failureâ€“induced activation of phospholipase iPLA2Î³ generates hydroxyeicosatetraenoic acids opening the mitochondrial permeability transition pore. Journal of Biological Chemistry, 2018, 293, 115-129.	3.4	38
2	Caveolin-1 regulates lipid droplet metabolism in endothelial cells via autocrine prostacyclinâ€“stimulated, cAMP-mediated lipolysis. Journal of Biological Chemistry, 2018, 293, 973-983.	3.4	55
3	Comprehensive and Quantitative Analysis of Polyphosphoinositide Species by Shotgun Lipidomics Revealed Their Alterations in db/db Mouse Brain. Analytical Chemistry, 2016, 88, 12137-12144.	6.5	33
4	Lipidomics: Techniques, Applications, and Outcomes Related to Biomedical Sciences. Trends in Biochemical Sciences, 2016, 41, 954-969.	7.5	417
5	Liver-specific loss of lipin-1-mediated phosphatidic acid phosphatase activity does not mitigate intrahepatic TG accumulation in mice. Journal of Lipid Research, 2015, 56, 848-858.	4.2	24
6	Multidimensional mass spectrometry-based shotgun lipidomics analysis of vinyl ether diglycerides. Analytical and Bioanalytical Chemistry, 2015, 407, 5199-5210.	3.7	23
7	Metabolic regulator LKB1 is crucial for Schwann cellâ€“mediated axon maintenance. Nature Neuroscience, 2014, 17, 1351-1361.	14.8	163
8	Identification and Quantitation of Fatty Acid Double Bond Positional Isomers: A Shotgun Lipidomics Approach Using Charge-Switch Derivatization. Analytical Chemistry, 2013, 85, 9742-9750.	6.5	103
9	Aberrant Schwann Cell Lipid Metabolism Linked to Mitochondrial Deficits Leads to Axon Degeneration and Neuropathy. Neuron, 2013, 77, 886-898.	8.1	207
10	Accurate Quantification of Lipid Species by Electrospray Ionization Mass Spectrometry â€” Meets a Key Challenge in Lipidomics. Metabolites, 2011, 1, 21-40.	2.9	139
11	Identification and Quantitation of Unsaturated Fatty Acid Isomers by Electrospray Ionization Tandem Mass Spectrometry: A Shotgun Lipidomics Approach. Analytical Chemistry, 2011, 83, 4243-4250.	6.5	83
12	A Practical Approach for Determination of Mass Spectral Baselines. Journal of the American Society for Mass Spectrometry, 2011, 22, 2090-9.	2.8	18
13	Systematic analysis of choline-containing phospholipids using multi-dimensional mass spectrometry-based shotgun lipidomics. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2924-2936.	2.3	86
14	Automated Lipid Identification and Quantification by Multidimensional Mass Spectrometry-Based Shotgun Lipidomics. Analytical Chemistry, 2009, 81, 4356-4368.	6.5	354
15	Shotgun Lipidomics Identifies a Paired Rule for the Presence of Isomeric Ether Phospholipid Molecular Species. PLoS ONE, 2007, 2, e1368.	2.5	64