MichaÅ, A Surma

List of Publications by Year
in descending order

25	2,092	394286	642610
papers	citations	19 h-index	23 g-index

26	26	26	3673
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Segregation of sphingolipids and sterols during formation of secretory vesicles at the trans-Golgi network. Journal of Cell Biology, 2009, 185, 601-612.	2.3	369
2	Flexibility of a Eukaryotic Lipidome â€“ Insights from Yeast Lipidomics. PLoS ONE, 2012, 7, e35063.	1.1	274
3	A gene ontology inferred from molecular networks. Nature Biotechnology, 2013, 31, 38-45.	9.4	184
4	A Lipid E-MAP Identifies Ubx2 as a Critical Regulator of Lipid Saturation and Lipid Bilayer Stress. Molecular Cell, 2013, 51, 519-530.	4.5	127
5	Organellar lipidomicsâ€”background and perspectives. Current Opinion in Cell Biology, 2013, 25, 406-413.	2.6	123
6	Polarized sorting and trafficking in epithelial cells. Cell Research, 2012, 22, 793-805.	5.7	121
7	Genetic architecture of human plasma lipidome and its link to cardiovascular disease. Nature Communications, 2019, 10, 4329.	5.8	120
8	Ï‰-3 polyunsaturated fatty acids direct differentiation of the membrane phenotype in mesenchymal stem cells to potentiate osteogenesis. Science Advances, 2017, 3, eaao1193.	4.7	105
9	Lipid-dependent protein sorting at the trans-Golgi network. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1059-1067.	1.2	104
10	Eisosome proteins assemble into a membrane scaffold. Journal of Cell Biology, 2011, 195, 889-902.	2.3	103
11	Yeast Lipids Can Phase-separate into Micrometer-scale Membrane Domains. Journal of Biological Chemistry, 2010, 285, 30224-30232.	1.6	96
12	Generic Sorting of Raft Lipids into Secretory Vesicles in Yeast. Traffic, 2011, 12, 1139-1147.	1.3	63
13	Molecular Convergence of Bacterial and Eukaryotic Surface Order. Journal of Biological Chemistry, 2011, 286, 40631-40637.	1.6	46
14	Cholesterol is Inefficiently Converted to Cholesteryl Esters in the Blood of Cardiovascular Disease Patients. Scientific Reports, 2018, 8, 14764.	1.6	44
15	Adipose tissue ATGL modifies the cardiac lipidome in pressure-overload-induced left ventricular failure. PLoS Genetics, 2018, 14, e1007171.	1.5	42
16	Heritability and responses to high fat diet of plasma lipidomics in a twin study. Scientific Reports, 2017, 7, 3750.	1.6	37
17	Comprehensive and quantitative analysis of white and brown adipose tissue by shotgun lipidomics. Molecular Metabolism, 2019, 22, 12-20.	3.0	35
18	Mouse lipidomics reveals inherent flexibility of a mammalian lipidome. Scientific Reports, 2021, 11, 19364.	1.6	31

#	Article	IF	Citations
19	High-content screening of yeast mutant libraries by shotgun lipidomics. Molecular BioSystems, 2014, 10, 1364-1376.	2.9	28
20	Shortening of membrane lipid acyl chains compensates for phosphatidylcholine deficiency in cholineâ€auxotroph yeast. EMBO Journal, 2021, 40, e107966.	3.5	12
21	Adverse Effects of Refeeding on the Plasma Lipidome inÂYoung Individuals With Anorexia Nervosa?. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1479-1490.	0.3	11
22	Comparative Studies on Detergent-Assisted Apocytochrome b6 Reconstitution into Liposomal Bilayers Monitored by Zetasizer Instruments. PLoS ONE, 2014, 9, e111341.	1.1	10
23	Diacylglycerol kinase and phospholipase D inhibitors alter the cellular lipidome and endosomal sorting towards the Golgi apparatus. Cellular and Molecular Life Sciences, 2021, 78, 985-1009.	2.4	5
24	Sample Handling and Automation: Quality Control. , 2015, , 1-2.		1
25	Sample Handling and Automation: Technical Variation. , 2015, , 1-4.		0