

Chandramohan Chitraju

List of Publications by Citations

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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.

20
papers

1,344
citations

14
h-index

23
g-index

23
ext. papers

1,688
ext. citations

8.4
avg, IF

4.16
L-index

#	Paper	IF	Citations
20	Adiponutrin functions as a nutritionally regulated lysophosphatidic acid acyltransferase. <i>Cell Metabolism</i> , 2012 , 15, 691-702	24.6	225
19	Seipin is required for converting nascent to mature lipid droplets. <i>ELife</i> , 2016 , 5,	8.9	196
18	Triglyceride Synthesis by DGAT1 Protects Adipocytes from Lipid-Induced ER Stress during Lipolysis. <i>Cell Metabolism</i> , 2017 , 26, 407-418.e3	24.6	147
17	Lipid Data Analyzer: unattended identification and quantitation of lipids in LC-MS data. <i>Bioinformatics</i> , 2011 , 27, 572-7	7.2	146
16	A comprehensive method for lipid profiling by liquid chromatography-ion cyclotron resonance mass spectrometry. <i>Journal of Lipid Research</i> , 2011 , 52, 2314-2322	6.3	116
15	CGI-58, the causative gene for Chanarin-Dorfman syndrome, mediates acylation of lysophosphatidic acid. <i>Journal of Biological Chemistry</i> , 2008 , 283, 24525-33	5.4	104
14	Probing the Global Cellular Responses to Lipotoxicity Caused by Saturated Fatty Acids. <i>Molecular Cell</i> , 2019 , 74, 32-44.e8	17.6	84
13	High confidence proteomic analysis of yeast LDs identifies additional droplet proteins and reveals connections to dolichol synthesis and sterol acetylation. <i>Journal of Lipid Research</i> , 2014 , 55, 1465-77	6.3	67
12	Lipidomic analysis of lipid droplets from murine hepatocytes reveals distinct signatures for nutritional stress. <i>Journal of Lipid Research</i> , 2012 , 53, 2141-2152	6.3	59
11	The triglyceride synthesis enzymes DGAT1 and DGAT2 have distinct and overlapping functions in adipocytes. <i>Journal of Lipid Research</i> , 2019 , 60, 1112-1120	6.3	42
10	Adipose triglyceride lipase is involved in the mobilization of triglyceride and retinoid stores of hepatic stellate cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 937-45	5.5	33
9	Hepatocyte Deletion of Triglyceride-Synthesis Enzyme Acyl CoA: Diacylglycerol Acyltransferase 2 Reduces Steatosis Without Increasing Inflammation or Fibrosis in Mice. <i>Hepatology</i> , 2019 , 70, 1972-1985	11.2	31
8	Identification and characterization of a novel missense mutation associated with congenital diarrhea. <i>Journal of Lipid Research</i> , 2017 , 58, 1230-1237	6.3	30
7	Lipid Droplets in Brown Adipose Tissue Are Dispensable for Cold-Induced Thermogenesis. <i>Cell Reports</i> , 2020 , 33, 108348	10.6	21
6	Mice lacking lipid droplet-associated hydrolase, a gene linked to human prostate cancer, have normal cholesterol ester metabolism. <i>Journal of Lipid Research</i> , 2017 , 58, 226-235	6.3	14
5	The impact of genetic stress by ATGL deficiency on the lipidome of lipid droplets from murine hepatocytes. <i>Journal of Lipid Research</i> , 2013 , 54, 2185-2194	6.3	12
4	Carboxy-terminal deletion of the HDL receptor reduces receptor levels in liver and steroidogenic tissues, induces hypercholesterolemia, and causes fatal heart disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H1392-H1408	5.2	9

3	The Lipid Droplet Knowledge Portal: A resource for systematic analyses of lipid droplet biology.. <i>Developmental Cell</i> , 2022 , 57, 387-397.e4	10.2	4
2	Conditional targeting of phosphatidylserine decarboxylase to lipid droplets. <i>Biology Open</i> , 2021 , 10,	2.2	2
1	Endogenous levels of 1-O-acylceramides increase upon acidic ceramidase deficiency and decrease due to loss of Dgat1 in a tissue-dependent manner. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158741	5	1