Shimeng Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1431738/publications.pdf

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17	824	687335 13	888047 17
papers	citations	h-index	g-index

19	19	19	1585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative proteomic study reveals 17Î²-HSD13 as a pathogenic protein in nonalcoholic fatty liver disease. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11437-11442.	7.1	159
2	Isolating lipid droplets from multiple species. Nature Protocols, 2013, 8, 43-51.	12.0	143
3	Lipid droplet proteins and metabolic diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1968-1983.	3.8	123
4	Integrated omics study delineates the dynamics of lipid droplets in Rhodococcus opacus PD630. Nucleic Acids Research, 2014, 42, 1052-1064.	14.5	79
5	Morphologically and Functionally Distinct Lipid Droplet Subpopulations. Scientific Reports, 2016, 6, 29539.	3.3	68
6	Skeletal intramyocellular lipid metabolism and insulin resistance. Biophysics Reports, 2015, 1, 90-98.	0.8	46
7	Perilipin 2 and lipid droplets provide reciprocal stabilization. Biophysics Reports, 2019, 5, 145-160.	0.8	35
8	Comparative proteomics reveals abnormal binding of ATGL and dysferlin on lipid droplets from pressure overload-induced dysfunctional rat hearts. Scientific Reports, 2016, 6, 19782.	3.3	26
9	Hydroxysteroid dehydrogenase family proteins on lipid droplets through bacteria, C. elegans, and mammals. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 881-894.	2.4	25
10	Comparative Proteomic Study of Fatty Acid-treated Myoblasts Reveals Role of Cox-2 in Palmitate-induced Insulin Resistance. Scientific Reports, 2016, 6, 21454.	3.3	24
11	Identification of a degradation signal at the carboxy terminus of SREBP2: A new role for this domain in cholesterol homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28080-28091.	7.1	21
12	Phosphorylation and function of DGAT1 in skeletal muscle cells. Biophysics Reports, 2015, 1, 41-50.	0.8	19
13	Rab18 binds PLIN2 and ACSL3 to mediate lipid droplet dynamics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158923.	2.4	17
14	The Adrenal Lipid Droplet is a New Site for Steroid Hormone Metabolism. Proteomics, 2018, 18, e1800136.	2.2	13
15	SILAC-based quantitative proteomic analysis of the livers of spontaneous obese and diabetic rhesus monkeys. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E294-E306.	3.5	12
16	Identification of small ORF-encoded peptides in mouse serum. Biophysics Reports, 2018, 4, 39-49.	0.8	11
17	Identification of noncoding RNA-encoded proteins on lipid droplets. Science Bulletin, 2021, 66, 314-318.	9.0	2