

Shimeng Xu

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.

18
papers

568
citations

11
h-index

19
g-index

19
ext. papers

701
ext. citations

7.3
avg, IF

3.55
L-index

#	Paper	IF	Citations
18	Comparative proteomic study reveals 17EHSD13 as a pathogenic protein in nonalcoholic fatty liver disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 11437-42	11.5	116
17	Isolating lipid droplets from multiple species. <i>Nature Protocols</i> , 2013 , 8, 43-51	18.8	112
16	Lipid droplet proteins and metabolic diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 1968-1983	6.9	75
15	Integrated omics study delineates the dynamics of lipid droplets in <i>Rhodococcus opacus</i> PD630. <i>Nucleic Acids Research</i> , 2014 , 42, 1052-64	20.1	67
14	Morphologically and Functionally Distinct Lipid Droplet Subpopulations. <i>Scientific Reports</i> , 2016 , 6, 29532	4.9	49
13	Skeletal intramyocellular lipid metabolism and insulin resistance. <i>Biophysics Reports</i> , 2015 , 1, 90-98	3.5	31
12	Comparative proteomics reveals abnormal binding of ATGL and dysferlin on lipid droplets from pressure overload-induced dysfunctional rat hearts. <i>Scientific Reports</i> , 2016 , 6, 19782	4.9	20
11	Comparative Proteomic Study of Fatty Acid-treated Myoblasts Reveals Role of Cox-2 in Palmitate-induced Insulin Resistance. <i>Scientific Reports</i> , 2016 , 6, 21454	4.9	20
10	Perilipin 2 and lipid droplets provide reciprocal stabilization. <i>Biophysics Reports</i> , 2019 , 5, 145-160	3.5	17
9	Phosphorylation and function of DGAT1 in skeletal muscle cells. <i>Biophysics Reports</i> , 2015 , 1, 41-50	3.5	15
8	Hydroxysteroid dehydrogenase family proteins on lipid droplets through bacteria, <i>C. elegans</i> , and mammals. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 881-894	5	13
7	Identification of small ORF-encoded peptides in mouse serum. <i>Biophysics Reports</i> , 2018 , 4, 39-49	3.5	8
6	SILAC-based quantitative proteomic analysis of the livers of spontaneous obese and diabetic rhesus monkeys. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E294-E306	6	8
5	The Adrenal Lipid Droplet is a New Site for Steroid Hormone Metabolism. <i>Proteomics</i> , 2018 , 18, e180013	4.8	7
4	Identification of a degradation signal at the carboxy terminus of SREBP2: A new role for this domain in cholesterol homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28080-28091	11.5	5
3	Rab18 binds PLIN2 and ACSL3 to mediate lipid droplet dynamics. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158923	5	3
2	Identification of Functional Noncoding RNA-encoded Proteins on Lipid Droplets		1

- 1 Identification of noncoding RNA-encoded proteins on lipid droplets. *Science Bulletin*, **2021**, 66, 314-318 10.6 1