# Shimeng Xu

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | Rab18 binds PLIN2 and ACSL3 to mediate lipid droplet dynamics. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2021**, 1866, 158923 | 5 | 3 |
| 17 | Identification of noncoding RNA-encoded proteins on lipid droplets. *Science Bulletin*, **2021**, 66, 314-318 | 10.6 | 1 |
| 16 | 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 | 11.5 | 5 |
| 15 | Perilipin 2 and lipid droplets provide reciprocal stabilization. *Biophysics Reports*, **2019**, 5, 145-160 | 3.5 | 17 |
| 14 | 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 | 5 | 13 |
| 13 | Identification of small ORF-encoded peptides in mouse serum. *Biophysics Reports*, **2018**, 4, 39-49 | 3.5 | 8 |
| 12 | Lipid droplet proteins and metabolic diseases. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 1968-1983 | 6.9 | 75 |
| 11 | 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 | 6 | 8 |
| 10 | The Adrenal Lipid Droplet is a New Site for Steroid Hormone Metabolism. *Proteomics*, **2018**, 18, e1800136 | 4.8 | 7 |
| 9 | Comparative proteomics reveals abnormal binding of ATGL and dysferlin on lipid droplets from pressure overload-induced dysfunctional rat hearts. *Scientific Reports*, **2016**, 6, 19782 | 4.9 | 20 |
| 8 | Morphologically and Functionally Distinct Lipid Droplet Subpopulations. *Scientific Reports*, **2016**, 6, 29539 | 4.9 | 49 |
| 7 | Comparative Proteomic Study of Fatty Acid-treated Myoblasts Reveals Role of Cox-2 in Palmitate-induced Insulin Resistance. *Scientific Reports*, **2016**, 6, 21454 | 4.9 | 20 |
| 6 | Skeletal intramyocellular lipid metabolism and insulin resistance. *Biophysics Reports*, **2015**, 1, 90-98 | 3.5 | 31 |
| 5 | Phosphorylation and function of DGAT1 in skeletal muscle cells. *Biophysics Reports*, **2015**, 1, 41-50 | 3.5 | 15 |
| 4 | Comparative proteomic study reveals 17β-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, 11437-42 | 11.5 | 116 |
| 3 | Integrated omics study delineates the dynamics of lipid droplets in Rhodococcus opacus PD630. *Nucleic Acids Research*, **2014**, 42, 1052-64 | 20.1 | 67 |
| 2 | Isolating lipid droplets from multiple species. *Nature Protocols*, **2013**, 8, 43-51 | 18.8 | 112 |

# List of Publications

1 Identification of Functional Noncoding RNA-encoded Proteins on Lipid Droplets 1