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## SnapShot: Lipid Droplets

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#	Paper	IF	Citations
53	Shedding new light on lipid biology with coherent anti-Stokes Raman scattering microscopy. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 3091-102	6.3	125
52	Is fat so bad? Modulation of endoplasmic reticulum stress by lipid droplet formation. <i>Biology of the Cell</i> , <b>2011</b> , 103, 271-85	3.5	74
51	Regulation and functions of diacylglycerol kinases. <i>Chemical Reviews</i> , <b>2011</b> , 111, 6186-208	68.1	147
50	Alcohol and lipid traffic don't mix. <i>Hepatology</i> , <b>2011</b> , 53, 1073-5	11.2	5
49	Involvement of the <i>Saccharomyces cerevisiae</i> hydrolase Ldh1p in lipid homeostasis. <i>Eukaryotic Cell</i> , <b>2011</b> , 10, 776-81		21
48	The glucagon-like peptide-1 receptor agonist Exendin 4 has a protective role in ischemic injury of lean and steatotic liver by inhibiting cell death and stimulating lipolysis. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 1693-701	5.8	38
47	The dynamic roles of intracellular lipid droplets: from archaea to mammals. <i>Protoplasma</i> , <b>2012</b> , 249, 541-551	3.4	257
46	Perilipin1 promotes unilocular lipid droplet formation through the activation of Fsp27 in adipocytes. <i>Nature Communications</i> , <b>2013</b> , 4, 1594	17.4	153
45	Splicing and beyond: the many faces of the Prp19 complex. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 2126-34	4.9	68
44	Lipid droplets and peroxisomes: key players in cellular lipid homeostasis or a matter of fat--store them up or burn them down. <i>Genetics</i> , <b>2013</b> , 193, 1-50	4	161
43	Importance of endocytic pathways in liver function and disease. <i>Comprehensive Physiology</i> , <b>2014</b> , 4, 1403-17	1.7	18
42	Ordering and stability in lipid droplets with applications to low-density lipoproteins. <i>Physical Review E</i> , <b>2014</b> , 89, 062708	2.4	
41	Rab GTPases associate with isolated lipid droplets (LDs) and show altered content after ethanol administration: potential role in alcohol-impaired LD metabolism. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2014</b> , 38, 327-35	3.7	26
40	Rab18 facilitates dengue virus infection by targeting fatty acid synthase to sites of viral replication. <i>Journal of Virology</i> , <b>2014</b> , 88, 6793-804	6.6	71
39	Leaf oil body functions as a subcellular factory for the production of a phytoalexin in Arabidopsis. <i>Plant Physiology</i> , <b>2014</b> , 164, 105-18	6.6	72
38	Proteomic analysis of lipid body from the alkenone-producing marine haptophyte alga <i>Tisochrysis lutea</i> . <i>Proteomics</i> , <b>2015</b> , 15, 4145-58	4.8	27
37	TPD52 expression increases neutral lipid storage within cultured cells. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 3223-38	5.3	25

36	Adipocyte differentiation-related protein promotes lipid accumulation in goat mammary epithelial cells. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 6954-64	4	13
35	The characteristics and potential applications of structural lipid droplet proteins in plants. <i>Journal of Biotechnology</i> , <b>2015</b> , 201, 15-27	3.7	34
34	Characterization of the sebocyte lipid droplet proteome reveals novel potential regulators of sebaceous lipogenesis. <i>Experimental Cell Research</i> , <b>2015</b> , 332, 146-55	4.2	24
33	Distribution and content of lipid droplets and mitochondria in pig parthenogenetically activated embryos after delipation. <i>Theriogenology</i> , <b>2015</b> , 83, 131-8	2.8	16
32	The multifaceted roles of fatty acid synthesis in cancer. <i>Nature Reviews Cancer</i> , <b>2016</b> , 16, 732-749	31.3	594
31	Isolation and Characterization of Adipose-Derived Stromal Cells. <i>Stem Cells in Clinical Applications</i> , <b>2016</b> , 131-161	0.3	2
30	Saponin-based adjuvants induce cross-presentation in dendritic cells by intracellular lipid body formation. <i>Nature Communications</i> , <b>2016</b> , 7, 13324	17.4	65
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27	Mycolates of modulate the flow of cholesterol for bacillary proliferation in murine macrophages. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 709-718	6.3	11
26	Loss of HSulf-1: The Missing Link between Autophagy and Lipid Droplets in Ovarian Cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 41977	4.9	10
25	Liver fat: a relevant target for dietary intervention? Summary of a Unilever workshop. <i>Journal of Nutritional Science</i> , <b>2017</b> , 6, e15	2.7	7
24	Ethanol-induced steatosis involves impairment of lipophagy, associated with reduced Dynamin2 activity. <i>Hepatology Communications</i> , <b>2017</b> , 1, 501-512	6	24
23	The effect of diet and exercise on lipid droplet dynamics in human muscle tissue. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	19
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20	Methods for Lipid Droplet Biophysical Characterization in Infections. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1951	5.7	22
19	SCD1 activation impedes foam cell formation by inducing lipophagy in oxLDL-treated human vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 5259-5269	5.6	19

18	Adipocyte lipolysis affects Perilipin 5 and cristae organization at the cardiac lipid droplet-mitochondrial interface. <i>Scientific Reports</i> , <b>2019</b> , 9, 4734	4.9	22
17	Skeletal Muscle Lipid Droplets and the Athlete's Paradox. <i>Cells</i> , <b>2019</b> , 8,	7.9	20
16	Proteomic identification of lipid-bodies-associated proteins in maize seeds. <i>Acta Physiologicae Plantarum</i> , <b>2019</b> , 41, 1	2.6	4
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12	Global Metabolomic and Lipidomic Analysis Reveal the Synergistic Effect of Bufalin in Combination with Cinobufagin against HepG2 Cells. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 873-883	5.6	5
11	Long-Chain Fatty Acids in Bones and Their Link to Submicroscopic Vascularization Network: NMR Assignment and Relaxation Studies under Magic Angle Spinning Conditions in Intramuscular Bones of Atlantic Herring Fish. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 4585-4595	3.4	1
10	The E2F2 transcription factor sustains hepatic glycerophospholipid homeostasis in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e112620	3.7	5
9	Lipid droplets, potential biomarker and metabolic target in glioblastoma. <i>Internal Medicine Review (Washington, D C: Online)</i> , <b>2017</b> , 3,	2	23
8	Down-Regulation of SREBP via PI3K/AKT/mTOR Pathway Inhibits the Proliferation and Invasion of Non-Small-Cell Lung Cancer Cells. <i>OncoTargets and Therapy</i> , <b>2020</b> , 13, 8951-8961	4.4	10
7	Targeting SREBP-1-driven lipid metabolism to treat cancer. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 2619-26	3.3	161
6	Colorectal Cancer Stem Cells. <b>2015</b> , 227-245		
5	Lipid Droplets im Kontext von zellulärem Stress. <b>2018</b> , 177-186		
4	Adipocyte-Specific CDK7 Ablation Leads to Progressive Loss of Adipose Tissue and Metabolic Dysfunction.. <i>FEBS Letters</i> , <b>2022</b> ,	3.8	
3	The GTP-Bound form of Rab3D Promotes Lipid Droplet Growth in Adipocyte. <i>Molecular Biology</i> , 1	1.2	1
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