

The biophysics and cell biology of lipid droplets

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Size and position matter. Nature Reviews Molecular Cell Biology, 2013, 14, 755-757.	16.1	0
3	Microorganism lipid droplets and biofuel development. BMB Reports, 2013, 46, 575-581.	1.1	16
4	Whole Genome Transcript Profiling of Drug Induced Steatosis in Rats Reveals a Gene Signature Predictive of Outcome. PLoS ONE, 2014, 9, e114085.	1.1	48
5	Network and Polymorphic Analysis of Obesity Candidate Gene-Plin1: A Bioinformatics Approach. International Journal of Human Genetics, 2014, 14, 119-129.	0.1	4
6	Environmental control of microtubule-based bidirectional cargo transport. Europhysics Letters, 2014, 107, 18004.	0.7	12
7	Interaction of a Dietary Fiber (Pectin) with Gastrointestinal Components (Bile Salts, Calcium, and) Tj ETQq1 1 0.784314 rgBT /Overload Chemistry, 2014, 62, 12620-12630.	2.4	69
8	How common is the lipid body-containing interstitial cell in the mammalian lung?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L386-L394.	1.3	47
9	Pathogenicity of Mycobacterium tuberculosis Is Expressed by Regulating Metabolic Thresholds of the Host Macrophage. PLoS Pathogens, 2014, 10, e1004265.	2.1	94
10	Mast Cell Mediators: Their Differential Release and the Secretory Pathways Involved. Frontiers in Immunology, 2014, 5, 569.	2.2	299
11	New Automated Single-Cell Technique for Segmentation and Quantitation of Lipid Droplets. Journal of Histochemistry and Cytochemistry, 2014, 62, 889-901.	1.3	16
12	Spatiotemporal dynamics of triglyceride storage in unilocular adipocytes. Molecular Biology of the Cell, 2014, 25, 4096-4105.	0.9	10
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14	Fluctuation effects in bidirectional cargo transport. European Physical Journal: Special Topics, 2014, 223, 3215-3225.	1.2	7
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17	Preparation of stable direct emulsions stabilized with a system of phospholipid emulsifiers. Russian Journal of Applied Chemistry, 2014, 87, 485-490.	0.1	2
18	FTIR spectroscopy reveals lipid droplets in drug resistant laryngeal carcinoma cells through detection of increased ester vibrational bands intensity. Analyst, The, 2014, 139, 3407-3415.	1.7	43
19	Elevated concentrate-to-forage ratio in dairy cow rations is associated with a shift in the diameter of milk fat globules and remodeling of their membranes. Journal of Dairy Science, 2014, 97, 6286-6295.	1.4	30

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20	Lipid Structure in Triolein Lipid Droplets. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10335-10340.	1.2	22
21	Molecular speciation and dynamics of oxidized triacylglycerols in lipid droplets: Mass spectrometry and coarse-grained simulations. <i>Free Radical Biology and Medicine</i> , 2014, 76, 53-60.	1.3	26
22	Rab8a-AS160-MSS4 Regulatory Circuit Controls Lipid Droplet Fusion and Growth. <i>Developmental Cell</i> , 2014, 30, 378-393.	3.1	98
23	Memory CD8+ T Cells Use Cell-Intrinsic Lipolysis to Support the Metabolic Programming Necessary for Development. <i>Immunity</i> , 2014, 41, 75-88.	6.6	650
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28	Specialization of Oleosins in Oil Body Dynamics during Seed Development in Arabidopsis Seeds \hat{A} . <i>Plant Physiology</i> , 2014, 164, 1866-1878.	2.3	104
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149	Downsizing cumulus cell layers to improve cryotolerance of germinal vesicle-stage bovine oocytes. <i>Theriogenology</i> , 2017, 95, 1-7.	0.9	11
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677	GPAT3 regulates the synthesis of lipid intermediate LPA and exacerbates Kupffer cell inflammation mediated by the ERK signaling pathway. <i>Cell Death and Disease</i> , 2023, 14, .	2.7	3
678	Lipid droplets are intracellular mechanical stressors that impair hepatocyte function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	15
679	Tff3 ^{-/-} Knock-Out Mice with Altered Lipid Metabolism Exhibit a Lower Level of Inflammation following the Dietary Intake of Sodium Chloride for One Week. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7315.	1.8	1
696	Lipid droplet biogenesis and functions in health and disease. <i>Nature Reviews Endocrinology</i> , 2023, 19, 443-459.	4.3	49
699	Regulation of lipid droplets and cholesterol metabolism in adrenal cortical cells. <i>Vitamins and Hormones</i> , 2024, , 79-136.	0.7	0
702	Aggregation-Induced Emission (AIE), Life and Health. <i>ACS Nano</i> , 2023, 17, 14347-14405.	7.3	48
708	Lipidomics Analysis in Ferroptosis. <i>Methods in Molecular Biology</i> , 2023, , 149-156.	0.4	0
719	Pleasure and Nutrition. , 2023, , 385-444.		0
735	Understanding the "Berg limit": The 65° contact angle as the universal adhesion threshold of biomatter. <i>Physical Chemistry Chemical Physics</i> , 0, , .	1.3	2