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Triglyceride containing lipid droplets and lipid droplet-associated proteins

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Current Opinion in Lipidology, 2008, 19, 441-7.

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#	Paper	IF	Citations
64	Lipid droplets at a glance. <i>Journal of Cell Science</i> , 2009 , 122, 749-52	5.3	271
63	Guardian of corpulence: a hypothesis on p53 signaling in the fat cell. <i>Clinical Lipidology</i> , 2009 , 4, 231-243		17
62	Direct imaging of the disruption of hepatitis C virus replication complexes by inhibitors of lipid metabolism. <i>Virology</i> , 2009 , 394, 130-42	3.6	53
61	Lipid droplets interact with mitochondria using SNAP23. <i>Cell Biology International</i> , 2009 , 33, 934-40	4.5	82
60	Nanoparticles can induce changes in the intracellular metabolism of lipids without compromising cellular viability. <i>FEBS Journal</i> , 2009 , 276, 6204-17	5.7	53
59	Lipodystrophies: disorders of adipose tissue biology. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 507-13	5	128
58	PAT proteins, an ancient family of lipid droplet proteins that regulate cellular lipid stores. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 419-40	5	476
57	The role of hypoxia in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2009 , 20, 409-14	4.4	76
56	The assembly of lipid droplets and its relation to cellular insulin sensitivity. <i>Biochemical Society Transactions</i> , 2009 , 37, 981-5	5.1	21
55	Lipid droplets and their role in the development of insulin resistance and diabetic dyslipidemia. <i>Clinical Lipidology</i> , 2009 , 4, 611-622		4
54	Role of lipid metabolism in hepatitis C virus assembly and entry. <i>Biology of the Cell</i> , 2009 , 102, 63-74	3.5	84
53	Lipid droplets are novel sites of N-acyl ethanolamine inactivation by fatty acid amide hydrolase-2. <i>Journal of Biological Chemistry</i> , 2010 , 285, 2796-806	5.4	71
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51	The SNARE protein SNAP23 and the SNARE-interacting protein Munc18c in human skeletal muscle are implicated in insulin resistance/type 2 diabetes. <i>Diabetes</i> , 2010 , 59, 1870-8	0.9	31
50	Proteomic insights into an expanded cellular role for cytoplasmic lipid droplets. <i>Journal of Lipid Research</i> , 2010 , 51, 262-73	6.3	123
49	Disruption of the Arabidopsis CGI-58 homologue produces Chanarin-Dorfman-like lipid droplet accumulation in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17833-8	11.5	103
48	Clinical review#: Lipodystrophies: genetic and acquired body fat disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 3313-25	5.6	352

47	Lipid droplets: size matters. <i>Microscopy (Oxford, England)</i> , 2011 , 60 Suppl 1, S101-16	1.3	105
46	Hepatic Lipid Metabolism. <i>Molecular Pathology Library</i> , 2011 , 133-146		8
45	Not just fat: the structure and function of the lipid droplet. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011 , 3,	10.2	301
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43	The formation of lipid droplets: possible role in the development of insulin resistance/type 2 diabetes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2011 , 85, 215-8	2.8	13
42	The contribution of the <i>Drosophila</i> model to lipid droplet research. <i>Progress in Lipid Research</i> , 2011 , 50, 348-56	14.3	65
41	HCV replication and assembly: a play in one act. <i>Future Virology</i> , 2011 , 6, 985-995	2.4	3
40	The birth and life of lipid droplets: learning from the hepatitis C virus. <i>Biology of the Cell</i> , 2011 , 103, 223-34	3.5	12
39	A group IIA-secreted phospholipase A2 from snake venom induces lipid body formation in macrophages: the roles of intracellular phospholipases A2 and distinct signaling pathways. <i>Journal of Leukocyte Biology</i> , 2011 , 90, 155-66	6.5	25
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35	Cytoskeleton disruption in J774 macrophages: consequences for lipid droplet formation and cholesterol flux. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 464-72	5	13
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26	A long wavelength hydrophobic probe for intracellular lipid droplets. <i>Analyst, The</i> , 2014 , 139, 52-4	5	9
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24	Digital image analysis approach for lipid droplet size quantitation of Oil Red O-stained cultured cells. <i>Analytical Biochemistry</i> , 2014 , 445, 87-9	3.1	77
23	Exploring the pathophysiology behind the more common genetic and acquired lipodystrophies. <i>Journal of Human Genetics</i> , 2014 , 59, 16-23	4.3	54
22	Microsomal Triglyceride Transfer Protein (MTP) Associates with Cytosolic Lipid Droplets in 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2015 , 10, e0135598	3.7	14
21	Hypoxia worsens the impact of intracellular triglyceride accumulation promoted by electronegative low-density lipoprotein in cardiomyocytes by impairing perilipin 5 upregulation. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 65, 257-67	5.6	11
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19	The essential functions of endoplasmic reticulum chaperones in hepatic lipid metabolism. <i>Digestive and Liver Disease</i> , 2016 , 48, 709-16	3.3	8
18	ARAP2 promotes GLUT1-mediated basal glucose uptake through regulation of sphingolipid metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1643-1651	5	10
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16	Microsomal triglyceride transfer protein contributes to lipid droplet maturation in adipocytes. <i>PLoS ONE</i> , 2017 , 12, e0181046	3.7	2
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13	Lipid accumulation and oxidation in glioblastoma multiforme. <i>Scientific Reports</i> , 2019 , 9, 19593	4.9	33
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8	Fat Cell and Fatty Acid Turnover in Obesity. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 960, 135-160	3.6	32
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5	Association of PNPLA3 I148M Variant With Chronic Viral Hepatitis, Autoimmune Liver Diseases and Outcomes of Liver Transplantation. <i>Hepatitis Monthly</i> , 2015 , 15, e26459	1.8	1
4	Origin and Development of the Adipose Tissue, a Key Organ in Physiology and Disease.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 786129	5.7	4
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1	Deletion or inhibition of PTPRO prevents ectopic fat accumulation and induces healthy obesity with markedly reduced systemic inflammation. 2023 , 313, 121292		0