

Jun Liu

List of Publications by Year in descending order

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24
papers

1,727
citations

516710

16
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642732

23
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26
docs citations

26
times ranked

2633
citing authors

#	ARTICLE	IF	CITATIONS
1	The G0/G1 Switch Gene 2 Regulates Adipose Lipolysis through Association with Adipose Triglyceride Lipase. <i>Cell Metabolism</i> , 2010, 11, 194-205.	16.2	402
2	Unique Regulation of Adipose Triglyceride Lipase (ATGL) by Perilipin 5, a Lipid Droplet-associated Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 15707-15715.	3.4	213
3	The Stomatin/Prohibitin/Flotillin/HflK/C Domain of Flotillin-1 Contains Distinct Sequences That Direct Plasma Membrane Localization and Protein Interactions in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 16125-16134.	3.4	115
4	A novel Rab10-EHBP1-EHD2 complex essential for the autophagic engulfment of lipid droplets. <i>Science Advances</i> , 2016, 2, e1601470.	10.3	115
5	Inhibition of intracellular lipolysis promotes human cancer cell adaptation to hypoxia. <i>ELife</i> , 2017, 6, .	6.0	104
6	The G0/G1 switch gene 2 (GOS2): Regulating metabolism and beyond. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 276-281.	2.4	96
7	Differential control of ATGL-mediated lipid droplet degradation by CGI-58 and GOS2. <i>Cell Cycle</i> , 2010, 9, 2791-2797.	2.6	94
8	Targeted Disruption of G0/G1 Switch Gene 2 Enhances Adipose Lipolysis, Alters Hepatic Energy Balance, and Alleviates High-Fat Diet-Induced Liver Steatosis. <i>Diabetes</i> , 2014, 63, 934-946.	0.6	90
9	Relative Contribution of Adipose Triglyceride Lipase and Hormone-sensitive Lipase to Tumor Necrosis Factor- α (TNF- α)-induced Lipolysis in Adipocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 40477-40485.	3.4	87
10	The autophagic inhibitor 3-methyladenine potently stimulates PKA-dependent lipolysis in adipocytes. <i>British Journal of Pharmacology</i> , 2013, 168, 163-171.	5.4	71
11	GOS2: A small giant controller of lipolysis and adipose-liver fatty acid flux. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 1146-1154.	2.4	67
12	Defective Adipose Lipolysis and Altered Global Energy Metabolism in Mice with Adipose Overexpression of the Lipolytic Inhibitor G0/G1 Switch Gene 2 (GOS2). <i>Journal of Biological Chemistry</i> , 2014, 289, 1905-1916.	3.4	47
13	Distinct Mechanisms Regulate ATGL-Mediated Adipocyte Lipolysis by Lipid Droplet Coat Proteins. <i>Molecular Endocrinology</i> , 2013, 27, 116-126.	3.7	40
14	Inverse regulation of basal lipolysis in perigonadal and mesenteric fat depots in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E153-E160.	3.5	33
15	Identification of a novel phosphorylation site in adipose triglyceride lipase as a regulator of lipid droplet localization. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1449-E1459.	3.5	33
16	Liver X receptor α mediates hepatic triglyceride accumulation through upregulation of G0/G1 Switch Gene 2 expression. <i>JCI Insight</i> , 2017, 2, e88735.	5.0	28
17	Hypoxia, hypoxia-inducible gene 2 (HIG2)/HILPDA, and intracellular lipolysis in cancer. <i>Cancer Letters</i> , 2020, 493, 71-79.	7.2	17
18	Regulation of G0/G1 Switch Gene 2 (GOS2) Protein Ubiquitination and Stability by Triglyceride Accumulation and ATGL Interaction. <i>PLoS ONE</i> , 2016, 11, e0156742.	2.5	16

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19	Regulation of FSP27 protein stability by AMPK and HSC70. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E1047-E1056.	3.5	15
20	Identification of an intrinsic lysophosphatidic acid acyltransferase activity in the lipolytic inhibitor G 0 /G 1 switch gene 2 (GOS2). FASEB Journal, 2019, 33, 6655-6666.	0.5	15
21	Regulation of Lipolytic Response and Energy Balance by Melanocortin 2 Receptor Accessory Protein (MRAP) in Adipocytes. Diabetes, 2018, 67, 222-234.	0.6	14
22	Studying Lipolysis in Adipocytes by Combining siRNA Knockdown and Adenovirus-Mediated Overexpression Approaches. Methods in Cell Biology, 2013, 116, 83-105.	1.1	11
23	Biophysical characterization and a roadmap towards the NMR solution structure of GOS2, a key enzyme in non-alcoholic fatty liver disease. PLoS ONE, 2021, 16, e0249164.	2.5	2
24	Structure and function of lipid droplets. , 2021, , 357-394.		0