Yuguang Shi

List of Publications by Year
in descending order

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27	1,613	430874	552781
papers	citations	18 h-index	26 g-index

27	27	27	1958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiolipin Remodeling by ALCAT1 Links Oxidative Stress and Mitochondrial Dysfunction to Obesity. Cell Metabolism, 2010, 12, 154-165.	16.2	233
2	A Novel Cardiolipin-remodeling Pathway Revealed by a Gene Encoding an Endoplasmic Reticulum-associated Acyl-CoA:Lysocardiolipin Acyltransferase (ALCAT1) in Mouse. Journal of Biological Chemistry, 2004, 279, 31727-31734.	3.4	191
3	Beyond triglyceride synthesis: the dynamic functional roles of MGAT and DGAT enzymes in energy metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E10-E18.	3.5	175
4	ALCAT1 controls mitochondrial etiology of fatty liver diseases, linking defective mitophagy to steatosis. Hepatology, 2015, 61, 486-496.	7.3	114
5	Emerging roles of cardiolipin remodeling in mitochondrial dysfunction associated with diabetes, obesity, and cardiovascular diseases. Journal of Biomedical Research, 2010, 24, 6-15.	1.6	95
6	Identification and functional characterization of hCLS1, a human cardiolipin synthase localized in mitochondria. Biochemical Journal, 2006, 398, 169-176.	3.7	88
7	Identification and Characterization of a Gene Encoding Human LPGAT1, an Endoplasmic Reticulum-associated Lysophosphatidylglycerol Acyltransferase. Journal of Biological Chemistry, 2004, 279, 55866-55874.	3.4	87
8	Cardiolipin remodeling by TAZ/tafazzin is selectively required for the initiation of mitophagy. Autophagy, 2015, 11, 643-652.	9.1	84
9	Ablation of ALCAT1 Mitigates Hypertrophic Cardiomyopathy through Effects on Oxidative Stress and Mitophagy. Molecular and Cellular Biology, 2012, 32, 4493-4504.	2.3	78
10	Lysocardiolipin acyltransferase 1 (ALCAT1) controls mitochondrial DNA fidelity and biogenesis through modulation of MFN2 expression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6975-6980.	7.1	74
11	Regulation of autophagy by mitochondrial phospholipids in health and diseases. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 114-129.	2.4	61
12	ALCAT1 is a polyglycerophospholipid acyltransferase potently regulated by adenine nucleotide and thyroid status. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E647-E653.	3.5	46
13	Cardiolipin remodeling by ALCAT1 links mitochondrial dysfunction to Parkinsonâ€™s diseases. Aging Cell, 2019, 18, e12941.	6.7	45
14	Synapses of Amphids Defective (SAD-A) Kinase Promotes Glucose-stimulated Insulin Secretion through Activation of p21-activated Kinase (PAK1) in Pancreatic Î²-Cells. Journal of Biological Chemistry, 2012, 287, 26435-26444.	3.4	33
15	Defective Phosphatidylglycerol Remodeling Causes Hepatopathy, Linking Mitochondrial Dysfunction to Hepatosteatosis. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 763-781.	4.5	32
16	LRG1 is an adipokine that mediates obesity-induced hepatosteatosis and insulin resistance. Journal of Clinical Investigation, 2021, 131, .	8.2	30
17	Comparative Gene Identification-58 (CGI-58) Promotes Autophagy as a Putative Lysophosphatidylglycerol Acyltransferase. Journal of Biological Chemistry, 2014, 289, 33044-33053.	3.4	29
18	Monoacylglycerol Acyltransferase-2 Is a Tetrameric Enzyme That Selectively Heterodimerizes with Diacylglycerol Acyltransferase-1. Journal of Biological Chemistry, 2014, 289, 10909-10918.	3.4	24

#	Article	IF	Citations
19	Aster-B coordinates with Arf1 to regulate mitochondrial cholesterol transport. Molecular Metabolism, 2020, 42, 101055.	6.5	24
20	Cardiolipin remodeling by ALCAT1 links hypoxia to coronary artery disease by promoting mitochondrial dysfunction. Molecular Therapy, 2021, 29, 3498-3511.	8.2	18
21	Asterâ€€ coordinates with COP I vesicles to regulate lysosomal trafficking and activation of mTORC1. EMBO Reports, 2020, 21, e49898.	4.5	17
22	Restoration of mitophagy ameliorates cardiomyopathy in Barth syndrome. Autophagy, 2022, 18, 2134-2149.	9.1	10
23	In Search of the Holy Grail: Toward a Unified Hypothesis on Mitochondrial Dysfunction in Age-Related Diseases. Cells, 2022, 11, 1906.	4.1	10
24	Pharmacological inhibition of ALCAT1 mitigates amyotrophic lateral sclerosis by attenuating SOD1 protein aggregation. Molecular Metabolism, 2022, 63, 101536.	6.5	7
25	Insulin Resistance in Skeletal Muscle Selectively Protects the Heart in Response to Metabolic Stress. Diabetes, 2021, 70, 2333-2343.	0.6	4
26	De novo labeling and trafficking of individual lipid species in live cells. Molecular Metabolism, 2022, 61, 101511.	6.5	4
27	Role of Mitochondria in the Regulation of Kidney Function and Metabolism in Type 2 Diabetes. , 2019, , 287-300.		0