

# Yuguang Shi

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,613  
citations

430874

18  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1958  
citing authors

#	ARTICLE	IF	CITATIONS
1	Restoration of mitophagy ameliorates cardiomyopathy in Barth syndrome. <i>Autophagy</i> , 2022, 18, 2134-2149.	9.1	10
2	De novo labeling and trafficking of individual lipid species in live cells. <i>Molecular Metabolism</i> , 2022, 61, 101511.	6.5	4
3	In Search of the Holy Grail: Toward a Unified Hypothesis on Mitochondrial Dysfunction in Age-Related Diseases. <i>Cells</i> , 2022, 11, 1906.	4.1	10
4	Pharmacological inhibition of ALCAT1 mitigates amyotrophic lateral sclerosis by attenuating SOD1 protein aggregation. <i>Molecular Metabolism</i> , 2022, 63, 101536.	6.5	7
5	Cardiolipin remodeling by ALCAT1 links hypoxia to coronary artery disease by promoting mitochondrial dysfunction. <i>Molecular Therapy</i> , 2021, 29, 3498-3511.	8.2	18
6	Insulin Resistance in Skeletal Muscle Selectively Protects the Heart in Response to Metabolic Stress. <i>Diabetes</i> , 2021, 70, 2333-2343.	0.6	4
7	LRG1 is an adipokine that mediates obesity-induced hepatosteatosis and insulin resistance. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
8	Aster-B coordinates with Arf1 to regulate mitochondrial cholesterol transport. <i>Molecular Metabolism</i> , 2020, 42, 101055.	6.5	24
9	Asterin coordinates with COP I vesicles to regulate lysosomal trafficking and activation of mTORC1. <i>EMBO Reports</i> , 2020, 21, e49898.	4.5	17
10	Role of Mitochondria in the Regulation of Kidney Function and Metabolism in Type 2 Diabetes. , 2019, , 287-300.		0
11	Defective Phosphatidylglycerol Remodeling Causes Hepatopathy, Linking Mitochondrial Dysfunction to Hepatosteatosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 763-781.	4.5	32
12	Cardiolipin remodeling by ALCAT1 links mitochondrial dysfunction to Parkinson's diseases. <i>Aging Cell</i> , 2019, 18, e12941.	6.7	45
13	Regulation of autophagy by mitochondrial phospholipids in health and diseases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 114-129.	2.4	61
14	ALCAT1 controls mitochondrial etiology of fatty liver diseases, linking defective mitophagy to steatosis. <i>Hepatology</i> , 2015, 61, 486-496.	7.3	114
15	Cardiolipin remodeling by TAZ/tafazzin is selectively required for the initiation of mitophagy. <i>Autophagy</i> , 2015, 11, 643-652.	9.1	84
16	Comparative Gene Identification-58 (CGI-58) Promotes Autophagy as a Putative Lysophosphatidylglycerol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2014, 289, 33044-33053.	3.4	29
17	Monoacylglycerol Acyltransferase-2 Is a Tetrameric Enzyme That Selectively Heterodimerizes with Diacylglycerol Acyltransferase-1. <i>Journal of Biological Chemistry</i> , 2014, 289, 10909-10918.	3.4	24
18	Lysocardiolipin acyltransferase 1 (ALCAT1) controls mitochondrial DNA fidelity and biogenesis through modulation of MFN2 expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6975-6980.	7.1	74

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19	Ablation of ALCAT1 Mitigates Hypertrophic Cardiomyopathy through Effects on Oxidative Stress and Mitophagy. <i>Molecular and Cellular Biology</i> , 2012, 32, 4493-4504.	2.3	78
20	Synapses of Amphids Defective (SAD-A) Kinase Promotes Glucose-stimulated Insulin Secretion through Activation of p21-activated Kinase (PAK1) in Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 26435-26444.	3.4	33
21	Cardiolipin Remodeling by ALCAT1 Links Oxidative Stress and Mitochondrial Dysfunction to Obesity. <i>Cell Metabolism</i> , 2010, 12, 154-165.	16.2	233
22	Emerging roles of cardiolipin remodeling in mitochondrial dysfunction associated with diabetes, obesity, and cardiovascular diseases. <i>Journal of Biomedical Research</i> , 2010, 24, 6-15.	1.6	95
23	Beyond triglyceride synthesis: the dynamic functional roles of MGAT and DGAT enzymes in energy metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E10-E18.	3.5	175
24	ALCAT1 is a polyglycerophospholipid acyltransferase potently regulated by adenine nucleotide and thyroid status. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E647-E653.	3.5	46
25	Identification and functional characterization of hCLS1, a human cardiolipin synthase localized in mitochondria. <i>Biochemical Journal</i> , 2006, 398, 169-176.	3.7	88
26	Identification and Characterization of a Gene Encoding Human LPGAT1, an Endoplasmic Reticulum-associated Lysophosphatidylglycerol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2004, 279, 55866-55874.	3.4	87
27	A Novel Cardiolipin-remodeling Pathway Revealed by a Gene Encoding an Endoplasmic Reticulum-associated Acyl-CoA:Lysocardiolipin Acyltransferase (ALCAT1) in Mouse. <i>Journal of Biological Chemistry</i> , 2004, 279, 31727-31734.	3.4	191