

Gongshe Han

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,041
citations

623734

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1058476

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g-index

16
all docs

16
docs citations

16
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insights into the regulation of human serine palmitoyltransferase complexes. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 240-248.	8.2	65
2	Unregulated Sphingolipid Biosynthesis in Gene-Edited Arabidopsis <i>ORM</i> Mutants Results in Nonviable Seeds with Strongly Reduced Oil Content. <i>Plant Cell</i> , 2020, 32, 2474-2490.	6.6	21
3	The ORMs interact with transmembrane domain 1 of Lcb1 and regulate serine palmitoyltransferase oligomerization, activity and localization. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 245-259.	2.4	30
4	Yeast mating: Ceramide acyl chain length matters?. <i>Cell Cycle</i> , 2018, 17, 7-8.	2.6	0
5	ORM Expression Alters Sphingolipid Homeostasis and Differentially Affects Ceramide Synthase Activities. <i>Plant Physiology</i> , 2016, 172, pp.00965.2016.	4.8	33
6	Regulation of Sphingolipid Biosynthesis by the Morphogenesis Checkpoint Kinase Swe1. <i>Journal of Biological Chemistry</i> , 2016, 291, 2524-2534.	3.4	25
7	To Grow or Die: Regulation of Plant Sphingolipid Metabolism. <i>FASEB Journal</i> , 2015, 29, 366.2.	0.5	0
8	<i>Arabidopsis</i> Amino Acid Serine Palmitoyltransferase-Interacting Proteins Stimulate Sphingolipid Synthesis, Are Essential, and Affect Mycotoxin Sensitivity. <i>Plant Cell</i> , 2013, 25, 4627-4639.	6.6	54
9	Topological and Functional Characterization of the ssSPTs, Small Activating Subunits of Serine Palmitoyltransferase. <i>Journal of Biological Chemistry</i> , 2013, 288, 10144-10153.	3.4	58
10	A Disease-causing Mutation in the Active Site of Serine Palmitoyltransferase Causes Catalytic Promiscuity. <i>Journal of Biological Chemistry</i> , 2010, 285, 22846-22852.	3.4	91
11	Identification of small subunits of mammalian serine palmitoyltransferase that confer distinct acyl-CoA substrate specificities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8186-8191.	7.1	227
12	Loss of function mutations and inducible RNAi suppression of Arabidopsis <i>LCB2</i> genes reveal the critical role of sphingolipids in gametophytic and sporophytic cell viability. <i>Plant Journal</i> , 2008, 54, 284-298.	5.7	101
13	The Essential Nature of Sphingolipids in Plants as Revealed by the Functional Identification and Characterization of the Arabidopsis LCB1 Subunit of Serine Palmitoyltransferase. <i>Plant Cell</i> , 2007, 18, 3576-3593.	6.6	138
14	Expression of a Novel Marine Viral Single-chain Serine Palmitoyltransferase and Construction of Yeast and Mammalian Single-chain Chimera. <i>Journal of Biological Chemistry</i> , 2006, 281, 39935-39942.	3.4	53
15	The Topology of the Lcb1p Subunit of Yeast Serine Palmitoyltransferase. <i>Journal of Biological Chemistry</i> , 2004, 279, 53707-53716.	3.4	56
16	The <i>Saccharomyces cerevisiae</i> YBR159w Gene Encodes the 3-Ketoreductase of the Microsomal Fatty Acid Elongase. <i>Journal of Biological Chemistry</i> , 2002, 277, 35440-35449.	3.4	89