

Osamu Kuge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9556881/publications.pdf>

Version: 2024-02-01

27
papers

1,444
citations

430442

18
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

2070
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial phosphatidylethanolamine synthesis affects mitochondrial energy metabolism and quiescence entry through attenuation of Snf1/AMPK signaling in yeast. <i>FASEB Journal</i> , 2022, 36, .	0.2	1
2	Topology of phosphatidylserine synthase 1 in the endoplasmic reticulum membrane. <i>Protein Science</i> , 2021, 30, 2346-2353.	3.1	8
3	Structural Basis of Mitochondrial Scaffolds by Prohibitin Complexes: Insight into a Role of the Coiled-Coil Region. <i>IScience</i> , 2019, 19, 1065-1078.	1.9	72
4	Porin Associates with Tom22 to Regulate the Mitochondrial Protein Gate Assembly. <i>Molecular Cell</i> , 2019, 73, 1044-1055.e8.	4.5	47
5	Fmp30, Mdm31, and Mdm32 Function in Ups1-Independent Cardiolipin Accumulation Under Low Phosphatidylethanolamine Conditions. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2018, 1, 251525641876404.	0.4	0
6	Porin proteins have critical functions in mitochondrial phospholipid metabolism in yeast. <i>Journal of Biological Chemistry</i> , 2018, 293, 17593-17605.	1.6	20
7	Cooperative function of Fmp30, Mdm31, and Mdm32 in Ups1-independent cardiolipin accumulation in the yeast <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017, 7, 16447.	1.6	19
8	Phosphatidylserine transport by Ups2â€Mdm35 in respiration-active mitochondria. <i>Journal of Cell Biology</i> , 2016, 214, 77-88.	2.3	67
9	Drp1-dependent mitochondrial fission via MiD49/51 is essential for apoptotic cristae remodeling. <i>Journal of Cell Biology</i> , 2016, 212, 531-544.	2.3	195
10	VID22 is required for transcriptional activation of the PSD2 gene in the yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2015, 472, 319-328.	1.7	3
11	Phospholipid methylation controls Atg32â€mediated mitophagy and Atg8 recycling. <i>EMBO Journal</i> , 2015, 34, 2703-2719.	3.5	39
12	COX assembly factor cdc56 regulates mitochondrial morphology by affecting mitochondrial recruitment of Drp1. <i>FEBS Letters</i> , 2015, 589, 3126-3132.	1.3	8
13	Tam41 Is a CDP-Diacylglycerol Synthase Required for Cardiolipin Biosynthesis in Mitochondria. <i>Cell Metabolism</i> , 2013, 17, 709-718.	7.2	135
14	<i>FMP30</i> is required for the maintenance of a normal cardiolipin level and mitochondrial morphology in the absence of mitochondrial phosphatidylethanolamine synthesis. <i>Molecular Microbiology</i> , 2011, 80, 248-265.	1.2	34
15	Requirement of a specific group of sphingolipidâ€metabolizing enzyme for growth of yeast <i>Saccharomyces cerevisiae</i> under impaired metabolism of glycerophospholipids. <i>Molecular Microbiology</i> , 2010, 78, 395-413.	1.2	24
16	The AAA ⁺ ATPase ATAD3A Controls Mitochondrial Dynamics at the Interface of the Inner and Outer Membranes. <i>Molecular and Cellular Biology</i> , 2010, 30, 1984-1996.	1.1	124
17	Purification and characterization of human phosphatidylserine synthases 1 and 2. <i>Biochemical Journal</i> , 2009, 418, 421-429.	1.7	43
18	Functional analysis of Chinese hamster phosphatidylserine synthase 1 through systematic alanine mutagenesis. <i>Biochemical Journal</i> , 2004, 381, 853-859.	1.7	19

#	ARTICLE	IF	CITATIONS
19	Purification and Characterization of Chinese Hamster Phosphatidylserine Synthase 2. <i>Journal of Biological Chemistry</i> , 2003, 278, 42692-42698.	1.6	17
20	Purification of phosphatidylglycerophosphate synthase from Chinese hamster ovary cells. <i>Biochemical Journal</i> , 2001, 354, 9.	1.7	17
21	Purification of phosphatidylglycerophosphate synthase from Chinese hamster ovary cells. <i>Biochemical Journal</i> , 2001, 354, 9-15.	1.7	22
22	Genetic Evidence That Phosphatidylserine Synthase II Catalyzes the Conversion of Phosphatidylethanolamine to Phosphatidylserine in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 17199-17205.	1.6	52
23	Cloning of a Chinese Hamster Ovary (CHO) cDNA Encoding Phosphatidylserine Synthase (PSS) II, Overexpression of Which Suppresses the Phosphatidylserine Biosynthetic Defect of a PSS I-lacking Mutant of CHO-K1 Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 19133-19139.	1.6	73
24	A Mammalian Homolog of the Yeast LCB1 Encodes a Component of Serine Palmitoyltransferase, the Enzyme Catalyzing the First Step in Sphingolipid Synthesis. <i>Journal of Biological Chemistry</i> , 1997, 272, 32108-32114.	1.6	132
25	Immunochemical identification of the pssA gene product as phosphatidylserine synthase I of Chinese hamster ovary cells. <i>FEBS Letters</i> , 1996, 395, 262-266.	1.3	32
26	Post-translational processing of the phosphatidylserine decarboxylase gene product in Chinese hamster ovary cells. <i>Biochemical Journal</i> , 1996, 319, 33-38.	1.7	51
27	A novel gene, Translin, encodes a recombination hotspot binding protein associated with chromosomal translocations. <i>Nature Genetics</i> , 1995, 10, 167-174.	9.4	190