Cungui Mao

List of Publications by Year
in descending order

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27 papers	544 citations	687363 13 h-index	677142 22 g-index
28 all docs	28 docs citations	28 times ranked	731 citing authors

#	Article	IF	Citations
1	Tumor Necrosis Factor-Î± (TNFÎ±)-induced Ceramide Generation via Ceramide Synthases Regulates Loss of Focal Adhesion Kinase (FAK) and Programmed Cell Death. Journal of Biological Chemistry, 2015, 290, 25356-25373.	3.4	55
2	Deficiency of the alkaline ceramidase ACER3 manifests in early childhood by progressive leukodystrophy. Journal of Medical Genetics, 2016, 53, 389-396.	3.2	49
3	Alkaline Ceramidase 3 Deficiency Results in Purkinje Cell Degeneration and Cerebellar Ataxia Due to Dyshomeostasis of Sphingolipids in the Brain. PLoS Genetics, 2015, 11, e1005591.	3.5	46
4	Glucosylceramides are required for mycelial growth and full virulence in Penicillium digitatum. Biochemical and Biophysical Research Communications, 2014, 455, 165-171.	2.1	42
5	Alkaline ceramidase 2 and its bioactive product sphingosine are novel regulators of the DNA damage response. Oncotarget, 2016, 7, 18440-18457.	1.8	39
6	Alkaline ceramidase 2 is essential for the homeostasis of plasma sphingoid bases and their phosphates. FASEB Journal, 2018, 32, 3058-3069.	0.5	31
7	DEGS1 variant causes neurological disorder. European Journal of Human Genetics, 2019, 27, 1668-1676.	2.8	28
8	Targeting alkaline ceramidase 3 alleviates the severity of nonalcoholic steatohepatitis by reducing oxidative stress. Cell Death and Disease, 2020, 11, 28.	6.3	26
9	Anticancer actions of lysosomally targeted inhibitor, LCL521, of acid ceramidase. PLoS ONE, 2017, 12, e0177805.	2.5	24
10	Elusive Roles of the Different Ceramidases in Human Health, Pathophysiology, and Tissue Regeneration. Cells, 2020, 9, 1379.	4.1	20
11	Aging-related elevation of sphingoid bases shortens yeast chronological life span by compromising mitochondrial function. Oncotarget, 2016, 7, 21124-21144.	1.8	19
12	Alkaline Ceramidase 1 Protects Mice from Premature Hair Loss by Maintaining the Homeostasis of Hair Follicle Stem Cells. Stem Cell Reports, 2017, 9, 1488-1500.	4.8	18
13	Alkaline ceramidase family: The first two decades. Cellular Signalling, 2021, 78, 109860.	3.6	17
14	Ceramides and sphingosine-1-phosphate mediate the distinct effects of M1/M2-macrophage infusion on liver recovery after hepatectomy. Cell Death and Disease, 2021, 12, 324.	6.3	15
15	Activity of neutral and alkaline ceramidases on fluorogenic N-acylated coumarin-containing aminodiols. Journal of Lipid Research, 2015, 56, 2019-2028.	4.2	13
16	Molecular Characterization of Rice OsLCB2a1 Gene and Functional Analysis of its Role in Insect Resistance. Frontiers in Plant Science, 2016, 7, 1789.	3.6	13
17	Transcriptional Regulation of Sphingosine Kinase 1. Cells, 2020, 9, 2437.	4.1	13
18	A neutral ceramidase, NlnCDase, is involved in the stress responses of brown planthopper, Nilaparvata lugens (StÃ¥l). Scientific Reports, 2018, 8, 1130.	3.3	11

#	Article	IF	Citations
19	Generation of sphingosine-1-phosphate by sphingosine kinase 1 protects nonalcoholic fatty liver from ischemia/reperfusion injury through alleviating reactive oxygen species production in hepatocytes. Free Radical Biology and Medicine, 2020, 159, 136-149.	2.9	10
20	1-Deoxysphinganine initiates adaptive responses to serine and glycine starvation in cancer cells via proteolysis of sphingosine kinase. Journal of Lipid Research, 2022, 63, 100154.	4.2	10
21	Identification of Acer2 as a First Susceptibility Gene for Lithium-Induced Nephrogenic Diabetes Insipidus in Mice. Journal of the American Society of Nephrology: JASN, 2019, 30, 2322-2336.	6.1	9
22	Click and count: specific detection of acid ceramidase activity in live cells. Chemical Science, 2020, 11, 13044-13051.	7.4	9
23	Maternal and fetal alkaline ceramidase 2 is required for placental vascular integrity in mice. FASEB Journal, 2020, 34, 15252-15268.	0.5	7
24	Sphingosine kinase 1 downregulation is required for adaptation to serine deprivation. FASEB Journal, 2021, 35, e21284.	0.5	7
25	Deletion of PdMit1, a homolog of yeast Csg1, affects growth and Ca2+ sensitivity of the fungus Penicillium digitatum, but does not alter virulence. Research in Microbiology, 2015, 166, 143-152.	2.1	6
26	Neutral Ceramidase Is Required for the Reproduction of Brown Planthopper, Nilaparvata lugens (StÃ¥l). Frontiers in Physiology, 2021, 12, 629532.	2.8	4
27	Knockdown of sphingomyelinase (<scp>NlSMase</scp>) causes ovarian malformation of brown planthopper,Nilaparvata lugens(StÃ¥l). Insect Molecular Biology, 2022, 31, 391-402.	2.0	2