Mari Kono

List of Publications by Year
in descending order

39 papers	3,186 citations	236925 25 h-index	315739 38 g-index
44 all docs	44 docs citations	44 times ranked	3995 citing authors

#	Article	IF	Citations
1	Identification of two lipid phosphatases that regulate sphingosine-1-phosphate cellular uptake and recycling. Journal of Lipid Research, 2022, 63, 100225.	4.2	4
2	Endothelial S1P ₁ Signaling Counteracts Infarct Expansion in Ischemic Stroke. Circulation Research, 2021, 128, 363-382.	4.5	71
3	Genetic defects in the sphingolipid degradation pathway and their effects on microglia in neurodegenerative disease. Cellular Signalling, 2021, 78, 109879.	3.6	16
4	A genome-wide CRISPR/Cas9 screen reveals that the aryl hydrocarbon receptor stimulates sphingolipid levels. Journal of Biological Chemistry, 2020, 295, 4341-4349.	3.4	24
5	Sphingosine 1-phosphate-regulated transcriptomes in heterogenous arterial and lymphatic endothelium of the aorta. ELife, 2020, 9, .	6.0	34
6	Lysolipid receptor cross-talk regulates lymphatic endothelial junctions in lymph nodes. Journal of Experimental Medicine, 2019, 216, 1582-1598.	8.5	54
7	Murine platelet production is suppressed by S1P release in the hematopoietic niche, not facilitated by blood S1P sensing. Blood Advances, 2019, 3, 1702-1713.	5.2	14
8	The Ormdl genes regulate the sphingolipid synthesis pathway to ensure proper myelination and neurologic function in mice. ELife, 2019, 8, .	6.0	52
9	Bioluminescence imaging of G protein-coupled receptor activation in living mice. Nature Communications, 2017, 8, 1163.	12.8	32
10	Targeting cancer metabolism by simultaneously disrupting parallel nutrient access pathways. Journal of Clinical Investigation, 2016, 126, 4088-4102.	8.2	56
11	HDL-bound sphingosine-1-phosphate restrains lymphopoiesis and neuroinflammation. Nature, 2015, 523, 342-346.	27.8	192
12	Imaging S1P1 activation in vivo. Experimental Cell Research, 2015, 333, 178-182.	2.6	11
13	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P ₁ to limit vascular inflammation. Science Signaling, 2015, 8, ra79.	3.6	254
14	Autophagy regulates sphingolipid levels in the liver. Journal of Lipid Research, 2014, 55, 2521-2531.	4.2	42
15	Sphingosine-1-phosphate receptor 1 reporter mice reveal receptor activation sites in vivo. Journal of Clinical Investigation, 2014, 124, 2076-2086.	8.2	80
16	Disulphide linkage in mouse ST6Gal-I: determination of linkage positions and mutant analysis. Journal of Biochemistry, 2012, 151, 197-203.	1.7	10
17	Sphingosine-1-phosphate regulation of mammalian development. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 435-441.	2.4	53
18	Deafness and Stria Vascularis Defects in S1P2 Receptor-null Mice. Journal of Biological Chemistry, 2007, 282, 10690-10696.	3.4	159

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19	Depletion of ceramides with very long chain fatty acids causes defective skin permeability barrier function, and neonatal lethality in ELOVL4 deficient mice. International Journal of Biological Sciences, 2007, 3, 120-128.	6.4	146
20	Neutral Ceramidase Encoded by the Asah2 Gene Is Essential for the Intestinal Degradation of Sphingolipids. Journal of Biological Chemistry, 2006, 281, 7324-7331.	3.4	135
21	The Sphingosine-1-phosphate Receptors S1P1, S1P2, and S1P3 Function Coordinately during Embryonic Angiogenesis. Journal of Biological Chemistry, 2004, 279, 29367-29373.	3.4	358
22	Enhanced insulin sensitivity in mice lacking ganglioside GM3. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3445-3449.	7.1	487
23	Identification and Functional Characterization of a Human GalNAc Î±2,6-Sialyltransferase with Altered Expression in Breast Cancer. Molecular Medicine, 2002, 8, 42-55.	4.4	14
24	Cloning and potential utility of porcine Fas ligand: overexpression in porcine endothelial cells protects them from attack by human cytolytic cells. Xenotransplantation, 2002, 9, 410-421.	2.8	17
25	Systemic inflammation in glucocerebrosidase-deficient mice with minimal glucosylceramide storage. Journal of Clinical Investigation, 2002, 109, 1215-1221.	8.2	114
26	ST8Sia-V (SAT-V/SAT-III). , 2002, , 347-351.		0
27	Mice Expressing Only Monosialoganglioside GM3 Exhibit Lethal Audiogenic Seizures. Journal of Biological Chemistry, 2001, 276, 6885-6888.	3.4	218
28	Genomic Organization and Transcriptional Regulation of the Mouse GD3 Synthase Gene (ST8Sia I): Comparison of Genomic Organization of the Mouse Sialyltransferase Genes. Journal of Biochemistry, 2000, 128, 1033-1043.	1.7	24
29	Redefined Substrate Specificity of ST6GalNAc II: A Second Candidate Sialyl-Tn Synthase. Biochemical and Biophysical Research Communications, 2000, 272, 94-97.	2.1	38
30	Molecular Cloning and Functional Expression of Two Members of Mouse NeuAcÎ±2,3GalÎ²1,3GalNAc GalNAcÎ±2,6-Sialyltransferase Family, ST6GalNAc III and IV. Journal of Biological Chemistry, 1999, 274, 11958-11967.	3.4	74
31	A novel glycosyltransferase with a polyglutamine repeat; a new candidate for GD1Î± synthase (ST6GalNAc V)1. FEBS Letters, 1999, 463, 92-96.	2.8	42
32	Molecular Cloning and Functional Expression of a Fifth-Type Î±2,3-sialyltransferase (mST3Gal V: GM3) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	72
33	Mouse Î²-galactoside Î±2,3-sialyltransferases: comparison of in vitro substrate specificities and tissue specific expression. Glycobiology, 1997, 7, 469-479.	2.5	148
34	Two Distinct Long-Chain-Acyl-CoA Synthetases in Guinea Pig Harderian Gland. FEBS Journal, 1996, 238, 104-111.	0.2	8
35	Molecular Cloning and Expression of a Fifth Type of Î±2,8-Sialyltransferase (ST8Sia V). Journal of Biological Chemistry, 1996, 271, 29366-29371.	3.4	70
36	Biosynthesis and Expression of Polysialic Acid on the Neural Cell Adhesion Molecule Is Predominantly Directed by ST8Sia II/STX during in Vitro Neuronal Differentiation. Journal of Biological Chemistry, 1996, 271, 22058-22062.	3.4	53

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37	In vitro Aflatoxin B1-DNA Binding by Microsomes and Its Modulation by Cytosol: Comparison of Various Mammalian and Avian Livers in Relation to Species Difference in Susceptibility. Shokuhin Eiseigaku Zasshi Journal of the Food Hygienic Society of Japan, 1995, 36, 365-374_1.	0.2	3
38	In vitro microsome-mediated aflatoxin B1-DNA binding and its inhibition by cytosol of various organs of the hamster and quail. Mycopathologia, 1995, 132, 117-119.	3.1	3
39	Two Pathways for GM2(NeuGc) Expression in Mice: Genetic Analysis1. Journal of Biochemistry, 1991, 109, 132-136.	1.7	4