

Tsuyoshi Nishi

List of Publications by Year in descending order

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29
papers

3,403
citations

257450

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526287

27
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30
all docs

30
docs citations

30
times ranked

3355
citing authors

#	ARTICLE	IF	CITATIONS
1	The vacuolar (H ⁺)-ATPases are nature's most versatile proton pumps. <i>Nature Reviews Molecular Cell Biology</i> , 2002, 3, 94-103.	37.0	1,091
2	The Sphingolipid Transporter Spns2 Functions in Migration of Zebrafish Myocardial Precursors. <i>Science</i> , 2009, 323, 524-527.	12.6	372
3	The Amino-terminal Domain of the Vacuolar Proton-translocating ATPase a Subunit Controls Targeting and in Vivo Dissociation, and the Carboxyl-terminal Domain Affects Coupling of Proton Transport and ATP Hydrolysis. <i>Journal of Biological Chemistry</i> , 2001, 276, 47411-47420.	3.4	179
4	Mouse SPNS2 Functions as a Sphingosine-1-Phosphate Transporter in Vascular Endothelial Cells. <i>PLoS ONE</i> , 2012, 7, e38941.	2.5	179
5	Sphingosine 1-phosphate is released from the cytosol of rat platelets in a carrier-mediated manner. <i>Journal of Lipid Research</i> , 2006, 47, 614-621.	4.2	146
6	Yeast V-ATPase Complexes Containing Different Isoforms of the 100-kDa a-subunit Differ in Coupling Efficiency and in Vivo Dissociation. <i>Journal of Biological Chemistry</i> , 2001, 276, 17941-17948.	3.4	138
7	The Sphingosine 1-Phosphate Transporter, SPNS2, Functions as a Transporter of the Phosphorylated Form of the Immunomodulating Agent FTY720. <i>Journal of Biological Chemistry</i> , 2011, 286, 1758-1766.	3.4	135
8	Molecular Cloning and Expression of Three Isoforms of the 100-kDa a Subunit of the Mouse Vacuolar Proton-translocating ATPase. <i>Journal of Biological Chemistry</i> , 2000, 275, 6824-6830.	3.4	131
9	Characterization of the ATP-dependent Sphingosine 1-Phosphate Transporter in Rat Erythrocytes. <i>Journal of Biological Chemistry</i> , 2009, 284, 21192-21200.	3.4	119
10	Transmembrane Topography of the 100-kDa a Subunit (Vph1p) of the Yeast Vacuolar Proton-translocating ATPase. <i>Journal of Biological Chemistry</i> , 1999, 274, 14655-14661.	3.4	92
11	Metabotropic Glutamate Receptors Negatively Regulate Melatonin Synthesis in Rat Pinealocytes. <i>Journal of Neuroscience</i> , 1998, 18, 2056-2062.	3.6	84
12	Molecular and physiological functions of sphingosine 1-phosphate transporters. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 759-765.	2.4	82
13	Proton translocation driven by ATP hydrolysis in V-ATPases. <i>FEBS Letters</i> , 2003, 545, 76-85.	2.8	81
14	ABCA5 Resides in Lysosomes, and ABCA5 Knockout Mice Develop Lysosomal Disease-Like Symptoms. <i>Molecular and Cellular Biology</i> , 2005, 25, 4138-4149.	2.3	76
15	MFSD2B is a sphingosine 1-phosphate transporter in erythroid cells. <i>Scientific Reports</i> , 2018, 8, 4969.	3.3	65
16	Mutational Analysis of the Non-homologous Region of Subunit A of the Yeast V-ATPase. <i>Journal of Biological Chemistry</i> , 2003, 278, 12985-12991.	3.4	56
17	The functional roles of S1P in immunity. <i>Journal of Biochemistry</i> , 2012, 152, 305-311.	1.7	55
18	Expression and Function of the Mouse V-ATPase d Subunit Isoforms. <i>Journal of Biological Chemistry</i> , 2003, 278, 46396-46402.	3.4	52

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19	Interacting Helical Surfaces of the Transmembrane Segments of Subunits a and c of the Yeast V-ATPase Defined by Disulfide-mediated Cross-linking. <i>Journal of Biological Chemistry</i> , 2003, 278, 41908-41913.	3.4	47
20	Structure, subunit function and regulation of the coated vesicle and yeast vacuolar (H ⁺)-ATPases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2002, 1555, 71-74.	1.0	41
21	The First Putative Transmembrane Segment of Subunit c (Vma16p) of the Yeast V-ATPase Is Not Necessary for Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 5821-5827.	3.4	36
22	Functional Expression of a GLT-1 Type Na ⁺ -Dependent Glutamate Transporter in Rat Pinealocytes. <i>Journal of Neurochemistry</i> , 1997, 69, 1491-1498.	3.9	35
23	Macrophage ABCA5 deficiency influences cellular cholesterol efflux and increases susceptibility to atherosclerosis in female LDLr knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 387-394.	2.1	32
24	Transcriptional Activation of H ⁺ /K ⁺ -ATPase Genes by Gastric GATA Binding Proteins. <i>Journal of Biochemistry</i> , 1997, 121, 922-929.	1.7	30
25	Expression and Localization of the Mouse Homologue of the Yeast V-ATPase 21-kDa Subunit c (Vma16p). <i>Journal of Biological Chemistry</i> , 2001, 276, 34122-34130.	3.4	24
26	Tissue specific expression of the splice variants of the mouse vacuolar proton-translocating ATPase a4 subunit. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 1032-1036.	2.1	14
27	Fluorescence-based rapid measurement of sphingosine-1-phosphate transport activity in erythrocytes. <i>Journal of Lipid Research</i> , 2016, 57, 2088-2094.	4.2	11
28	A Rapid Fluorescence Assay for Measuring Sphingosine-1-Phosphate Transporter Activity in Erythrocytes. <i>Methods in Molecular Biology</i> , 2017, 1697, 73-82.	0.9	0
29	Sphingosine 1-Phosphate Signaling via Transporters in Zebrafish and Mice. , 2015, , 207-220.		0