

Masashi Morita

List of Publications by Year in descending order

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papers

820
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516710

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42
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823
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxisomal ABC transporters: Structure, function and role in disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1387-1396.	3.8	142
2	Insulin-Degrading Enzyme Exists Inside of Rat Liver Peroxisomes and Degrades Oxidized Proteins.. <i>Cell Structure and Function</i> , 2000, 25, 309-315.	1.1	65
3	70-kDa peroxisomal membrane protein related protein (P70R/ABCD4) localizes to endoplasmic reticulum not peroxisomes, and NH2-terminal hydrophobic property determines the subcellular localization of ABC subfamily D proteins. <i>Experimental Cell Research</i> , 2009, 315, 190-205.	2.6	63
4	ATP Binding/Hydrolysis by and Phosphorylation of Peroxisomal ATP-binding Cassette Proteins PMP70 (ABCD3) and Adrenoleukodystrophy Protein (ABCD1). <i>Journal of Biological Chemistry</i> , 2002, 277, 40142-40147.	3.4	62
5	ABC Transporter Subfamily D: Distinct Differences in Behavior between ABCD1 and ABCD4 in Subcellular Localization, Function, and Human Disease. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	55
6	Role of Pex19p in the targeting of PMP70 to peroxisome. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1746, 116-128.	4.1	47
7	Translocation of the ABC transporter ABCD4 from the endoplasmic reticulum to lysosomes requires the escort protein LMBD1. <i>Scientific Reports</i> , 2016, 6, 30183.	3.3	43
8	ABC Subfamily D Proteins and Very Long Chain Fatty Acid Metabolism as Novel Targets in Adrenoleukodystrophy. <i>Current Drug Targets</i> , 2011, 12, 694-706.	2.1	34
9	Characterization of human ATP-binding cassette protein subfamily D reconstituted into proteoliposomes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1122-1127.	2.1	31
10	Adrenoleukodystrophy: subcellular localization and degradation of adrenoleukodystrophy protein (ALDP/ABCD1) with naturally occurring missense mutations. <i>Journal of Neurochemistry</i> , 2007, 101, 1632-1643.	3.9	27
11	Nucleotide-Induced Conformational Changes of PMP70, an ATP Binding Cassette Transporter on Rat Liver Peroxisomal Membranes. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 1245-1251.	2.1	25
12	Baicalein 5,6,7-trimethyl ether, a flavonoid derivative, stimulates fatty acid β -oxidation in skin fibroblasts of X-linked adrenoleukodystrophy. <i>FEBS Letters</i> , 2005, 579, 409-414.	2.8	23
13	Hydrophobic Regions Adjacent to Transmembrane Domains 1 and 5 Are Important for the Targeting of the 70-kDa Peroxisomal Membrane Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 33831-33844.	3.4	22
14	Very Long Chain Fatty Acid β -Oxidation in Astrocytes: Contribution of the ABCD1-Dependent and -Independent Pathways. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1972-1979.	1.4	19
15	Profiling and Imaging of Phospholipids in Brains of <i>Abcd1</i> -Deficient Mice. <i>Lipids</i> , 2018, 53, 85-102.	1.7	19
16	Existence of catalase-less peroxisomes in Sf21 insect cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 169-176.	2.1	16
17	Acyl-CoA thioesterase activity of peroxisomal ABC protein ABCD1 is required for the transport of very long-chain acyl-CoA into peroxisomes. <i>Scientific Reports</i> , 2021, 11, 2192.	3.3	16
18	The lysosomal protein ABCD4 can transport vitamin B12 across liposomal membranes <i>in vitro</i> . <i>Journal of Biological Chemistry</i> , 2021, 296, 100654.	3.4	15

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19	A Novel Double Mutation in the ABCD1 Gene in a Patient with X-linked Adrenoleukodystrophy: Analysis of the Stability and Function of the Mutant ABCD1 Protein. <i>JIMD Reports</i> , 2012, 10, 95-102.	1.5	12
20	Role of NH2-terminal hydrophobic motif in the subcellular localization of ATP-binding cassette protein subfamily D: Common features in eukaryotic organisms. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 612-618.	2.1	12
21	ATP-Binding and -Hydrolysis Activities of ALDP (ABCD1) and ALDRP (ABCD2), Human Peroxisomal ABC Proteins, Overexpressed in Sf21 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1836-1842.	1.4	8
22	Brain microsomal fatty acid elongation is increased in abcd1-deficient mouse during active myelination phase. <i>Metabolic Brain Disease</i> , 2015, 30, 1359-1367.	2.9	7
23	Characterization of the interaction between <i>Trypanosoma brucei</i> Pex5p and its receptor Pex14p. <i>FEBS Letters</i> , 2016, 590, 242-250.	2.8	7
24	Generation of an immortalized astrocytic cell line from Abcd1-deficient H-2KbtsA58 mice to facilitate the study of the role of astrocytes in X-linked adrenoleukodystrophy. <i>Heliyon</i> , 2021, 7, e06228.	3.2	6
25	Novel ACOX1 mutations in two siblings with peroxisomal acyl-CoA oxidase deficiency. <i>Brain and Development</i> , 2021, 43, 475-481.	1.1	5
26	TNF Receptor-Associated Factor 5 Limits IL-27 Receptor Signaling in CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2022, , j2001358.	0.8	5
27	Molecular analysis of Physarum haemagglutinin I: lack of a signal sequence, sulphur amino acids and post-translational modifications. <i>Microbiology (United Kingdom)</i> , 1998, 144, 1077-1084.	1.8	4
28	An HTRF based high-throughput screening for discovering chemical compounds that inhibit the interaction between <i>Trypanosoma brucei</i> Pex5p and Pex14p. <i>Biochemistry and Biophysics Reports</i> , 2016, 6, 260-265.	1.3	4
29	Stability of the ABCD1 Protein with a Missense Mutation: A Novel Approach to Finding Therapeutic Compounds for X-Linked Adrenoleukodystrophy. <i>JIMD Reports</i> , 2018, 44, 23-31.	1.5	4
30	Characterization of glycopeptides from <i>Physarum polycephalum</i> labeled with (3H)mannose or (3H)glucosamine.. <i>Journal of General and Applied Microbiology</i> , 1989, 35, 413-427.	0.7	4
31	Effect of Lorenzo's Oil on Hepatic Gene Expression and the Serum Fatty Acid Level in abcd1-Deficient Mice. <i>JIMD Reports</i> , 2017, 38, 67-74.	1.5	3
32	Changes in membrane protein during the development of macrocysts in <i>Physarum polycephalum</i> .. <i>Journal of General and Applied Microbiology</i> , 1984, 30, 97-107.	0.7	3
33	A novel method for determining peroxisomal fatty acid β -oxidation. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 725-731.	3.6	2
34	Therapeutic Strategies for X-Linked Adrenoleukodystrophy, a Representative Peroxisomal Disorder. , 2019, , 171-200.		2
35	Identification of a carbohydrate-binding site in <i>physarum haemagglutinin I</i> . <i>IUBMB Life</i> , 1998, 46, 233-240.	3.4	1
36	Bone marrow transplantation into <i>Abcd1</i> -deficient mice: Distribution of donor derived cells and biological characterization of the brain of the recipient mice. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 718-727.	3.6	1

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37	A trypsin-like serine proteinase from plasmodial membrane of <i>Physarum polycephalum</i> .. Journal of General and Applied Microbiology, 1996, 42, 163-180.	0.7	1
38	The Function of the Peroxisome. , 2019, , 59-104.		1