

Takako Yoshida-Moriguchi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,267
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1727
citing authors

#	ARTICLE	IF	CITATIONS
1	biAb Mediated Restoration of the Linkage between Dystroglycan and Laminin-211 as a Therapeutic Approach for α -Dystroglycanopathies. <i>Molecular Therapy</i> , 2020, 28, 664-676.	8.2	8
2	HNK-1 sulfotransferase modulates α -dystroglycan glycosylation by 3-O-sulfation of glucuronic acid on matriglycan. <i>Glycobiology</i> , 2020, 30, 817-829.	2.5	17
3	Structural basis of laminin binding to the LARGE glycans on dystroglycan. <i>Nature Chemical Biology</i> , 2016, 12, 810-814.	8.0	88
4	Matriglycan: a novel polysaccharide that links dystroglycan to the basement membrane. <i>Glycobiology</i> , 2015, 25, 702-713.	2.5	193
5	LARGE glycans on dystroglycan function as a tunable matrix scaffold to prevent dystrophy. <i>Nature</i> , 2013, 503, 136-140.	27.8	112
6	Xylosyl- and glucuronyltransferase functions of LARGE in α -dystroglycan modification are conserved in LARGE2. <i>Glycobiology</i> , 2013, 23, 295-302.	2.5	55
7	SGK196 Is a Glycosylation-Specific α -Mannose Kinase Required for Dystroglycan Function. <i>Science</i> , 2013, 341, 896-899.	12.6	197
8	Molecular Basis for Dystroglycan Binding to Laminin G Domain-Containing Ligands. <i>FASEB Journal</i> , 2013, 27, 85.1.	0.5	0
9	ISPD loss-of-function mutations disrupt dystroglycan O-mannosylation and cause Walker-Warburg syndrome. <i>Nature Genetics</i> , 2012, 44, 575-580.	21.4	212
10	Dystroglycan Function Requires Xylosyl- and Glucuronyltransferase Activities of LARGE. <i>Science</i> , 2012, 335, 93-96.	12.6	264
11	A Dystroglycan Mutation Associated with Limb-Girdle Muscular Dystrophy. <i>New England Journal of Medicine</i> , 2011, 364, 939-946.	27.0	246
12	Like-acetylglucosaminyltransferase (LARGE)-dependent modification of dystroglycan at Thr-317/319 is required for laminin binding and arenavirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17426-17431.	7.1	99
13	α -Mannosyl Phosphorylation of Alpha-Dystroglycan Is Required for Laminin Binding. <i>Science</i> , 2010, 327, 88-92.	12.6	312
14	Basal lamina strengthens cell membrane integrity via the laminin G domain-binding motif of α -dystroglycan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12573-12579.	7.1	125
15	Loss of α -Dystroglycan Laminin Binding in Epithelium-derived Cancers Is Caused by Silencing of LARGE. <i>Journal of Biological Chemistry</i> , 2009, 284, 11279-11284.	3.4	96
16	Molecular Recognition by LARGE Is Essential for Expression of Functional Dystroglycan. <i>Cell</i> , 2004, 117, 953-964.	28.9	243