

# Takako Yoshida-Moriguchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10441860/publications.pdf>

Version: 2024-02-01

16  
papers

2,267  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

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times ranked

1727  
citing authors

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