

# Damaris N Lorenzo

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

813  
citations

840776

11  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental mechanism of the periodic membrane skeleton in axons. <i>ELife</i> , 2014, 3, .	6.0	199
2	Spectrin- and Ankyrin-Based Membrane Domains and the Evolution of Vertebrates. <i>Current Topics in Membranes</i> , 2013, 72, 1-37.	0.9	137
3	An Adaptable Spectrin/Ankyrin-Based Mechanism for Long-Range Organization of Plasma Membranes in Vertebrate Tissues. <i>Current Topics in Membranes</i> , 2016, 77, 143-184.	0.9	86
4	Spectrin mutations that cause spinocerebellar ataxia type 5 impair axonal transport and induce neurodegeneration in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2010, 189, 143-158.	5.2	81
5	<i>ANK2</i> autism mutation targeting giant ankyrin-B promotes axon branching and ectopic connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15262-15271.	7.1	78
6	Î²II-spectrin promotes mouse brain connectivity through stabilizing axonal plasma membranes and enabling axonal organelle transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15686-15695.	7.1	48
7	Pathogenic SPTBN1 variants cause an autosomal dominant neurodevelopmental syndrome. <i>Nature Genetics</i> , 2021, 53, 1006-1021.	21.4	44
8	A Mutation in the Borcs7 Subunit of the Lysosome Regulatory BORG Complex Results in Motor Deficits and Dystrophic Axonopathy in Mice. <i>Cell Reports</i> , 2018, 24, 1254-1265.	6.4	29
9	Ankyrin-B is a PI3P effector that promotes polarized Î±5Î²1-integrin recycling via recruiting RabGAP1L to early endosomes. <i>ELife</i> , 2016, 5, .	6.0	27
10	Cell-autonomous adiposity through increased cell surface GLUT4 due to ankyrin-B deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12743-12748.	7.1	21
11	Ankyrin-B metabolic syndrome combines age-dependent adiposity with pancreatic Î² cell insufficiency. <i>Journal of Clinical Investigation</i> , 2015, 125, 3087-3102.	8.2	21
12	Cargo hold and delivery: Ankyrins, spectrins, and their functional patterning of neurons. <i>Cytoskeleton</i> , 2020, 77, 129-148.	2.0	17
13	Giant ankyrin-B mediates transduction of axon guidance and collateral branch pruning factor sema 3A. <i>ELife</i> , 2021, 10, .	6.0	15
14	Spectrin mutations that cause spinocerebellar ataxia type 5 impair axonal transport and induce neurodegeneration in <i>Drosophila</i> . <i>Journal of Experimental Medicine</i> , 2010, 207, i11-i11.	8.5	1
15	Visualizing and Analyzing Intracellular Transport of Organelles and Other Cargos in Astrocytes. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0