

# Carmen V Meléndez-Vásquez

## List of Publications by Year in descending order

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25  
papers

1,453  
citations

516710

16  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1997  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contactin-Associated Protein (Caspr) and Contactin Form a Complex That Is Targeted to the Paranodal Junctions during Myelination. <i>Journal of Neuroscience</i> , 2000, 20, 8354-8364.	3.6	233
2	Interleukin-1 $\beta$ Induces a Reactive Astroglial Phenotype via Deactivation of the Rho GTPase-Rock Axis. <i>Journal of Neuroscience</i> , 2004, 24, 2837-2845.	3.6	152
3	Interleukin-11 Potentiates Oligodendrocyte Survival and Maturation, and Myelin Formation. <i>Journal of Neuroscience</i> , 2006, 26, 12174-12185.	3.6	123
4	Nodes of Ranvier form in association with ezrin-radixin-moesin (ERM)-positive Schwann cell processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 1235-1240.	7.1	121
5	Immunological investigation of chronic inflammatory demyelinating polyradiculoneuropathy. <i>Journal of Neuroimmunology</i> , 1997, 73, 124-134.	2.3	118
6	Rho Kinase Regulates Schwann Cell Myelination and Formation of Associated Axonal Domains. <i>Journal of Neuroscience</i> , 2004, 24, 3953-3963.	3.6	105
7	Yy1 as a molecular link between neuregulin and transcriptional modulation of peripheral myelination. <i>Nature Neuroscience</i> , 2010, 13, 1472-1480.	14.8	102
8	Myelinating glia differentiation is regulated by extracellular matrix elasticity. <i>Scientific Reports</i> , 2016, 6, 33751.	3.3	91
9	Myosin II has distinct functions in PNS and CNS myelin sheath formation. <i>Journal of Cell Biology</i> , 2008, 182, 1171-1184.	5.2	80
10	Label-free imaging of Schwann cell myelination by third harmonic generation microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18025-18030.	7.1	58
11	Differential expression of proteoglycans at central and peripheral nodes of Ranvier. <i>Glia</i> , 2005, 52, 301-308.	4.9	54
12	Acute and chronic demyelinated CNS lesions exhibit opposite elastic properties. <i>Scientific Reports</i> , 2019, 9, 999.	3.3	49
13	Myosin II is a negative regulator of oligodendrocyte morphological differentiation. <i>Journal of Neuroscience Research</i> , 2012, 90, 1547-1556.	2.9	42
14	MLCK regulates Schwann cell cytoskeletal organization, differentiation and myelination. <i>Journal of Cell Science</i> , 2011, 124, 3784-3796.	2.0	31
15	Combinatorial actions of Tgfb $^2$ and Activin ligands promote oligodendrocyte development and CNS myelination. <i>Development (Cambridge)</i> , 2014, 141, 2414-2428.	2.5	30
16	Accelerated repair of demyelinated CNS lesions in the absence of non-muscle myosin IIB. <i>Glia</i> , 2014, 62, 580-591.	4.9	21
17	Promoting myelin repair and return of function in multiple sclerosis. <i>FEBS Letters</i> , 2011, 585, 3813-3820.	2.8	19
18	Characterization and partial purification of a novel 36 kDa peripheral myelin protein recognized by the sera of patients with neurological disorders. <i>Journal of Neuroimmunology</i> , 1998, 91, 10-18.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Pushing myelination: developmental regulation of myosin expression drives oligodendrocyte morphological differentiation. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	8
20	Preparation of Matrices of Variable Stiffness for the Study of Mechanotransduction in Schwann Cell Development. <i>Methods in Molecular Biology</i> , 2018, 1739, 281-297.	0.9	5
21	ACTL6a coordinates axonal caliber recognition and myelination in the peripheral nerve. <i>IScience</i> , 2022, 25, 104132.	4.1	3
22	MLCK regulates Schwann cell cytoskeletal organization, differentiation and myelination. <i>Development (Cambridge)</i> , 2012, 139, e107-e107.	2.5	0
23	Combinatorial actions of Tgfr <sup>2</sup> and Activin ligands promote oligodendrocyte development and CNS myelination. <i>Journal of Cell Science</i> , 2014, 127, e1-e1.	2.0	0
24	Label-free Imaging of Schwann Cell Myelination by Third Harmonic Generation Microscopy. , 2016, , .		0
25	Synchronization and Spatial Patterning of Myosin Motors Regulates Oligodendrocyte Differentiation Speed. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0