Pablo Paez

List of Publications by Year
in descending order

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42 papers	1,880 citations	236833 25 h-index	276775 41 g-index
43 all docs	43 docs citations	43 times ranked	2425 citing authors

#	Article	IF	Citations
1	Oligodendrocytes and myelination: The role of iron. Glia, 2009, 57, 467-478.	2.5	483
2	STAT3â€Mediated astrogliosis protects myelin development in neonatal brain injury. Annals of Neurology, 2012, 72, 750-765.	2.8	81
3	Voltage-gated Ca++ entry promotes oligodendrocyte progenitor cell maturation and myelination in vitro. Experimental Neurology, 2015, 265, 69-83.	2.0	80
4	Conditional Deletion of the L-Type Calcium Channel Cav1.2 in Oligodendrocyte Progenitor Cells Affects Postnatal Myelination in Mice. Journal of Neuroscience, 2016, 36, 10853-10869.	1.7	74
5	Iron Metabolism in Oligodendrocytes and Astrocytes, Implications for Myelination and Remyelination. ASN Neuro, 2020, 12, 175909142096268.	1.5	73
6	The Multiple Roles of Myelin Protein Genes During the Development of the Oligodendrocyte. ASN Neuro, 2010, 2, AN20090051.	1.5	69
7	Increased Expression of Golli Myelin Basic Proteins Enhances Calcium Influx into Oligodendroglial Cells. Journal of Neuroscience, 2007, 27, 12690-12699.	1.7	59
8	Golli Myelin Basic Proteins Regulate Oligodendroglial Progenitor Cell Migration through Voltage-Gated Ca2+ Influx. Journal of Neuroscience, 2009, 29, 6663-6676.	1.7	56
9	Lâ€type voltageâ€operated calcium channels contribute to astrocyte activation In vitro. Glia, 2016, 64, 1396-1415.	2.5	53
10	Multiple Kinase Pathways Regulate Voltage-Dependent Ca²⁺Influx and Migration in Oligodendrocyte Precursor Cells. Journal of Neuroscience, 2010, 30, 6422-6433.	1.7	52
11	Traumatically injured astrocytes release a proteomic signature modulated by <scp>STAT</scp>3â€dependent cell survival. Glia, 2016, 64, 668-694.	2.5	50
12	Modulation of Canonical Transient Receptor Potential Channel 1 in the Proliferation of Oligodendrocyte Precursor Cells by the Golli Products of the Myelin Basic Protein Gene. Journal of Neuroscience, 2011, 31, 3625-3637.	1.7	49
13	Calcium Signaling in the Oligodendrocyte Lineage: Regulators and Consequences. Annual Review of Neuroscience, 2020, 43, 163-186.	5.0	45
14	Conditional Deletion of the L-Type Calcium Channel Cav1.2 in NG2-Positive Cells Impairs Remyelination in Mice. Journal of Neuroscience, 2017, 37, 10038-10051.	1.7	44
15	Regulation of Lâ€type Ca⁺⁺ currents and process morphology in white matter oligodendrocyte precursor cells by golliâ€myelin proteins. Glia, 2010, 58, 1292-1303.	2.5	43
16	Apotransferrin Decreases Migration and Enhances Differentiation of Oligodendroglial Progenitor Cells in an in vitro System. Developmental Neuroscience, 2002, 24, 47-58.	1.0	41
17	Apotransferrin promotes the differentiation of two oligodendroglial cell lines. Glia, 2004, 46, 207-217.	2.5	41
18	Deletion of Voltage-Gated Calcium Channels in Astrocytes during Demyelination Reduces Brain Inflammation and Promotes Myelin Regeneration in Mice. Journal of Neuroscience, 2020, 40, 3332-3347.	1.7	40

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19	Regulation of Store-Operated and Voltage-Operated Ca²⁺ Channels in the Proliferation and Death of Oligodendrocyte Precursor Cells by Golli Proteins. ASN Neuro, 2009, 1, AN20090003.	1.5	39
20	The Divalent Metal Transporter 1 (DMT1) Is Required for Iron Uptake and Normal Development of Oligodendrocyte Progenitor Cells. Journal of Neuroscience, 2018, 38, 9142-9159.	1.7	37
21	Classical 18.5â€and 21.5â€kDa isoforms of myelin basic protein inhibit calcium influx into oligodendroglial cells, in contrast to golli isoforms. Journal of Neuroscience Research, 2011, 89, 467-480.	1.3	36
22	Proline substitutions and threonine pseudophosphorylation of the SH3 ligand of 18.5â€kDa myelin basic protein decrease its affinity for the Fynâ€SH3 domain and alter process development and protein localization in oligodendrocytes. Journal of Neuroscience Research, 2012, 90, 28-47.	1.3	34
23	Intranasal administration of aTf protects and repairs the neonatal white matter after a cerebral hypoxicâ€“ischemic event. Glia, 2012, 60, 1540-1554.	2.5	31
24	Muscarinic Receptor M₃R Signaling Prevents Efficient Remyelination by Human and Mouse Oligodendrocyte Progenitor Cells. Journal of Neuroscience, 2018, 38, 6921-6932.	1.7	27
25	Morphological changes of myelin sheaths in rats intracranially injected with apotransferrin. Neurochemical Research, 2003, 28, 101-110.	1.6	26
26	Inhibition of the Proteasome by Lactacystin Enhances Oligodendroglial Cell Differentiation. Journal of Neuroscience, 2003, 23, 4635-4644.	1.7	26
27	Golli myelin basic proteins stimulate oligodendrocyte progenitor cell proliferation and differentiation in remyelinating adult mouse brain. Glia, 2012, 60, 1078-1093.	2.5	25
28	Overexpression of human transferrin in two oligodendroglial cell lines enhances their differentiation. Glia, 2005, 52, 1-15.	2.5	22
29	Enhanced oligodendrocyte maturation and myelination in a mouse model of Timothy syndrome. Glia, 2018, 66, 2324-2339.	2.5	21
30	Impaired Postnatal Myelination in a Conditional Knockout Mouse for the Ferritin Heavy Chain in Oligodendroglial Cells. Journal of Neuroscience, 2020, 40, 7609-7624.	1.7	18
31	Iron Metabolism in the Peripheral Nervous System: The Role of DMT1, Ferritin, and Transferrin Receptor in Schwann Cell Maturation and Myelination. Journal of Neuroscience, 2019, 39, 9940-9953.	1.7	17
32	Expression of myelin basic protein in two oligodendroglial cell lines is modulated by apotransferrin through different transcription factors. Journal of Neuroscience Research, 2006, 83, 606-618.	1.3	16
33	Impact of Simulated Microgravity on Oligodendrocyte Development: Implications for Central Nervous System Repair. PLoS ONE, 2013, 8, e76963.	1.1	15
34	The imidazoline I2 receptor agonist 2-BFI attenuates hypersensitivity and spinal neuroinflammation in a rat model of neuropathic pain. Biochemical Pharmacology, 2018, 153, 260-268.	2.0	14
35	Hâ€ferritin expression in astrocytes is necessary for proper oligodendrocyte development and myelination. Glia, 2021, 69, 2981-2998.	2.5	14
36	Differential Gene Expression during Development in Two Oligodendroglial Cell Lines Overexpressing Transferrin: A cDNA Array Analysis. Developmental Neuroscience, 2007, 29, 413-426.	1.0	10

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37	Ceruloplasmin deletion in myelinating glial cells induces myelin disruption and oxidative stress in the central and peripheral nervous systems. Redox Biology, 2021, 46, 102118.	3.9	7
38	Golli Myelin Basic Proteins Modulate Voltage-Operated Ca++ Influx and Development in Cortical and Hippocampal Neurons. Molecular Neurobiology, 2016, 53, 5749-5771.	1.9	5
39	Calcineurin Activity Is Increased in Charcot-Marie-Tooth 1B Demyelinating Neuropathy. Journal of Neuroscience, 2021, 41, 4536-4548.	1.7	3
40	Developmental Activation of the Proteolipid Protein Promoter Transgene in Neuronal and Oligodendroglial Cells of Neostriatum in Mice. Developmental Neuroscience, 2011, 33, 170-184.	1.0	2
41	Lanthionine Ketimine Ethyl Ester Accelerates Remyelination in a Mouse Model of Multiple Sclerosis. ASN Neuro, 2022, 14, 175909142211123.	1.5	2
42	The Role of Voltageâ€Operated Calcium Channels in Astrocyte Reactivity. FASEB Journal, 2015, 29, .	0.2	0