

Maurizio D'Antonio

List of Publications by Year in descending order

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39
papers

2,606
citations

304743

22
h-index

345221

36
g-index

45
all docs

45
docs citations

45
times ranked

5431
citing authors

#	ARTICLE	IF	CITATIONS
1	Preventing proteostasis diseases by selective inhibition of a phosphatase regulatory subunit. <i>Science</i> , 2015, 348, 239-242.	12.6	358
2	Notch controls embryonic Schwann cell differentiation, postnatal myelination and adult plasticity. <i>Nature Neuroscience</i> , 2009, 12, 839-847.	14.8	285
3	Ablation of the UPR-Mediator CHOP Restores Motor Function and Reduces Demyelination in Charcot-Marie-Tooth 1B Mice. <i>Neuron</i> , 2008, 57, 393-405.	8.1	245
4	Krox-20 inhibits Jun-NH2-terminal kinase/c-Jun to control Schwann cell proliferation and death. <i>Journal of Cell Biology</i> , 2004, 164, 385-394.	5.2	207
5	PO-Cre Transgenic Mice for Inactivation of Adhesion Molecules in Schwann Cells. <i>Annals of the New York Academy of Sciences</i> , 1999, 883, 116-123.	3.8	179
6	PO Glycoprotein Overexpression Causes Congenital Hypomyelination of Peripheral Nerves. <i>Journal of Cell Biology</i> , 2000, 148, 1021-1034.	5.2	145
7	Different Intracellular Pathomechanisms Produce Diverse Myelin Protein Zero Neuropathies in Transgenic Mice. <i>Journal of Neuroscience</i> , 2006, 26, 2358-2368.	3.6	144
8	Resetting translational homeostasis restores myelination in Charcot-Marie-Tooth disease type 1B mice. <i>Journal of Experimental Medicine</i> , 2013, 210, 821-838.	8.5	115
9	Muscle-specific Drp1 overexpression impairs skeletal muscle growth via translational attenuation. <i>Cell Death and Disease</i> , 2015, 6, e1663-e1663.	6.3	88
10	Gene profiling and bioinformatic analysis of Schwann cell embryonic development and myelination. <i>Glia</i> , 2006, 53, 501-515.	4.9	80
11	Sox2 expression in Schwann cells inhibits myelination in vivo and induces influx of macrophages to the nerve. <i>Development (Cambridge)</i> , 2017, 144, 3114-3125.	2.5	75
12	TGF β Type II Receptor Signaling Controls Schwann Cell Death and Proliferation in Developing Nerves. <i>Journal of Neuroscience</i> , 2006, 26, 8417-8427.	3.6	65
13	A novel PO glycoprotein transgene activates expression of lacZ in myelin-forming Schwann cells. <i>European Journal of Neuroscience</i> , 1999, 11, 1577-1586.	2.6	57
14	Endoplasmic Reticulum Protein Quality Control Failure in Myelin Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 162.	2.9	54
15	Lack of Sterol Regulatory Element Binding Factor-1c Imposes Glial Fatty Acid Utilization Leading to Peripheral Neuropathy. <i>Cell Metabolism</i> , 2015, 21, 571-583.	16.2	51
16	Myelin under stress. <i>Journal of Neuroscience Research</i> , 2009, 87, 3241-3249.	2.9	39
17	Loss of Fig4 in both Schwann cells and motor neurons contributes to CMT4J neuropathy. <i>Human Molecular Genetics</i> , 2015, 24, 383-396.	2.9	39
18	Myelin protein zero mutations and the unfolded protein response in Charcot Marie Tooth disease type 1B. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 445-455.	3.7	39

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19	HDAC1/2-Dependent P0 Expression Maintains Paranodal and Nodal Integrity Independently of Myelin Stability through Interactions with Neurofascins. <i>PLoS Biology</i> , 2015, 13, e1002258.	5.6	33
20	Neuroactive steroids and diabetic complications in the nervous system. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 58-69.	5.2	29
21	Neuregulin 1 type III improves peripheral nerve myelination in a mouse model of congenital hypomyelinating neuropathy. <i>Human Molecular Genetics</i> , 2019, 28, 1260-1273.	2.9	28
22	Sustained Expression of Negative Regulators of Myelination Protects Schwann Cells from Demyelination in a Charcot-Marie-Tooth 1B Mouse Model. <i>Journal of Neuroscience</i> , 2018, 38, 4275-4287.	3.6	25
23	Unraveling gene expression profiles in peripheral motor nerve from amyotrophic lateral sclerosis patients: insights into pathogenesis. <i>Scientific Reports</i> , 2016, 6, 39297.	3.3	24
24	Ablation of <i>Perk</i> in Schwann Cells Improves Myelination in the S63del Charcot-Marie-Tooth 1B Mouse. <i>Journal of Neuroscience</i> , 2016, 36, 11350-11361.	3.6	24
25	Enhanced axonal neuregulin-1 type-III signaling ameliorates neurophysiology and hypomyelination in a Charcot-Marie-Tooth type 1B mouse model. <i>Human Molecular Genetics</i> , 2019, 28, 992-1006.	2.9	24
26	P0 (Protein Zero) Mutation S34C Underlies Instability of Internodal Myelin in S63C Mice. <i>Journal of Biological Chemistry</i> , 2010, 285, 42001-42012.	3.4	21
27	Polyglutamine-Expanded Androgen Receptor Alteration of Skeletal Muscle Homeostasis and Myonuclear Aggregation Are Affected by Sex, Age and Muscle Metabolism. <i>Cells</i> , 2020, 9, 325.	4.1	21
28	Zika Virus Replication in Dorsal Root Ganglia Explants from Interferon Receptor1 Knockout Mice Causes Myelin Degeneration. <i>Scientific Reports</i> , 2018, 8, 10166.	3.3	20
29	<i>Perk</i> Ablation Ameliorates Myelination in S63del-Charcot-Marie-Tooth 1B Neuropathy. <i>ASN Neuro</i> , 2016, 8, 175909141664235.	2.7	18
30	Schwann cells ER-associated degradation contributes to myelin maintenance in adult nerves and limits demyelination in CMT1B mice. <i>PLoS Genetics</i> , 2019, 15, e1008069.	3.5	18
31	POS63del impedes the arrival of wild-type P0 glycoprotein to myelin in CMT1B mice. <i>Human Molecular Genetics</i> , 2011, 20, 2081-2090.	2.9	14
32	Phosphorylation of eIF2 \pm Promotes Schwann Cell Differentiation and Myelination in CMT1B Mice with Activated UPR. <i>Journal of Neuroscience</i> , 2020, 40, 8174-8187.	3.6	14
33	Treatment with IFB-088 Improves Neuropathy in CMT1A and CMT1B Mice. <i>Molecular Neurobiology</i> , 2022, 59, 4159-4178.	4.0	14
34	Electron Microscopy for the Analysis of Peripheral Nerve Myelin. <i>Methods in Molecular Biology</i> , 2018, 1791, 3-13.	0.9	7
35	Calcineurin Activity Is Increased in Charcot-Marie-Tooth 1B Demyelinating Neuropathy. <i>Journal of Neuroscience</i> , 2021, 41, 4536-4548.	3.6	3
36	Sox2 expression in Schwann cells inhibits myelination in vivo and induces influx of macrophages to the nerve. <i>Journal of Cell Science</i> , 2017, 130, e1.2-e1.2.	2.0	2

#	ARTICLE	IF	CITATIONS
37	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. SpringerPlus, 2015, 4, L45.	1.2	0
38	Nerve pathology in animal models of neuropathies. Journal of the Peripheral Nervous System, 2021, 26 Suppl 2, S61-S68.	3.1	0
39	Resetting translational homeostasis restores myelination in Charcot-Marie-Tooth disease type 1B mice. Journal of Cell Biology, 2013, 201, i3-i3.	5.2	0