

Giorgia Dina

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,702
citations

430874

18
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

3686
citing authors

#	ARTICLE	IF	CITATIONS
1	Injection of adult neurospheres induces recovery in a chronic model of multiple sclerosis. <i>Nature</i> , 2003, 422, 688-694.	27.8	1,057
2	Axonal degeneration in paraplegin-deficient mice is associated with abnormal mitochondria and impairment of axonal transport. <i>Journal of Clinical Investigation</i> , 2004, 113, 231-242.	8.2	241
3	Loss of glial fibrillary acidic protein (GFAP) impairs Schwann cell proliferation and delays nerve regeneration after damage. <i>Journal of Cell Science</i> , 2006, 119, 3981-3993.	2.0	174
4	Disruption of <i>Mtmt2</i> produces CMT4B1-like neuropathy with myelin outfoldings and impaired spermatogenesis. <i>Journal of Cell Biology</i> , 2004, 167, 711-721.	5.2	167
5	Axonal degeneration in paraplegin-deficient mice is associated with abnormal mitochondria and impairment of axonal transport. <i>Journal of Clinical Investigation</i> , 2004, 113, 231-242.	8.2	144
6	Expression of Laminin Receptors in Schwann Cell Differentiation: Evidence for Distinct Roles. <i>Journal of Neuroscience</i> , 2003, 23, 5520-5530.	3.6	100
7	Loss of <i>Mtmt2</i> Phosphatase in Schwann Cells But Not in Motor Neurons Causes Charcot-Marie-Tooth Type 4B1 Neuropathy with Myelin Outfoldings. <i>Journal of Neuroscience</i> , 2005, 25, 8567-8577.	3.6	95
8	Genetic Interaction between <i>MTMR2</i> and <i>FIG4</i> Phospholipid Phosphatases Involved in Charcot-Marie-Tooth Neuropathies. <i>PLoS Genetics</i> , 2011, 7, e1002319.	3.5	87
9	$\alpha 4$ Integrin and Dystroglycan Cooperate to Stabilize the Myelin Sheath. <i>Journal of Neuroscience</i> , 2008, 28, 6714-6719.	3.6	78
10	Myotubularin-related 2 protein phosphatase and neurofilament light chain protein, both mutated in CMT neuropathies, interact in peripheral nerve. <i>Human Molecular Genetics</i> , 2003, 12, 1713-1723.	2.9	67
11	Prostaglandin D2 synthase/GPR44: a signaling axis in PNS myelination. <i>Nature Neuroscience</i> , 2014, 17, 1682-1692.	14.8	66
12	Immune response in peripheral axons delays disease progression in <i>SOD1G93A</i> mice. <i>Journal of Neuroinflammation</i> , 2016, 13, 261.	7.2	63
13	Vimentin regulates peripheral nerve myelination. <i>Development (Cambridge)</i> , 2012, 139, 1359-1367.	2.5	58
14	Intramuscular viral delivery of paraplegin rescues peripheral axonopathy in a model of hereditary spastic paraplegia. <i>Journal of Clinical Investigation</i> , 2005, 116, 202-208.	8.2	48
15	Counteracting roles of MHC1 and CD8+ T cells in the peripheral and central nervous system of ALS <i>SOD1G93A</i> mice. <i>Molecular Neurodegeneration</i> , 2018, 13, 42.	10.8	40
16	<i>Jab1</i> regulates Schwann cell proliferation and axonal sorting through p27. <i>Journal of Experimental Medicine</i> , 2014, 211, 29-43.	8.5	35
17	<i>Cxcl10</i> enhances blood cells migration in the sub-ventricular zone of mice affected by experimental autoimmune encephalomyelitis. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 268-280.	2.2	34
18	Impaired flickering of the permeability transition pore causes <i>SPG7</i> spastic paraplegia. <i>EBioMedicine</i> , 2020, 61, 103050.	6.1	28

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19	Phosphorylated TDP-43 aggregates in peripheral motor nerves of patients with amyotrophic lateral sclerosis. <i>Brain</i> , 2022, 145, 276-284.	7.6	22
20	Dysregulated copper transport in multiple sclerosis may cause demyelination via astrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
21	Defining Peripheral Nervous System Dysfunction in the SOD-1 ^{G93A} Transgenic Rat Model of Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 658-670.	1.7	18
22	Urokinase Plasminogen Receptor and the Fibrinolytic Complex Play a Role in Nerve Repair after Nerve Crush in Mice, and in Human Neuropathies. <i>PLoS ONE</i> , 2012, 7, e32059.	2.5	16
23	Foot pad skin biopsy in mouse models of hereditary neuropathy. <i>Glia</i> , 2010, 58, 2005-2016.	4.9	13
24	JAB1 deletion in oligodendrocytes causes senescence-induced inflammation and neurodegeneration in mice. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	12
25	Intramuscular viral delivery of paraplegin rescues peripheral axonopathy in a model of hereditary spastic paraplegia. <i>Journal of Clinical Investigation</i> , 2014, 124, 871-871.	8.2	10
26	The brachial plexus branches to the pectoral muscles in adult rats: morphological aspects and morphometric normative data. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 41.	1.7	8
27	Ablation of neuronal ADAM17 impairs oligodendrocyte differentiation and myelination. <i>Glia</i> , 2020, 68, 1148-1164.	4.9	2
28	Role of endogenous neural precursor cells in demyelination and remyelination after cuprizone-induced injury. <i>Journal of Neuroimmunology</i> , 2014, 275, 188-189.	2.3	0
29	Vimentin regulates peripheral nerve myelination. <i>Journal of Cell Science</i> , 2012, 125, e1-e1.	2.0	0
30	Jab1 regulates Schwann cell proliferation and axonal sorting through p27. <i>Journal of Cell Biology</i> , 2013, 203, 2036OIA155.	5.2	0