

Angelo Quattrini

List of Publications by Year in descending order

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149
papers

9,770
citations

29994

54
h-index

39575

94
g-index

152
all docs

152
docs citations

152
times ranked

10631
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.	13.7	1,057
2	Lentiviral haemopoietic stem-cell gene therapy in early-onset metachromatic leukodystrophy: an ad-hoc analysis of a non-randomised, open-label, phase 1/2 trial. <i>Lancet, The</i> , 2016, 388, 476-487.	6.3	393
3	Conditional disruption of β 1 integrin in Schwann cells impedes interactions with axons. <i>Journal of Cell Biology</i> , 2002, 156, 199-210.	2.3	294
4	Correction of metachromatic leukodystrophy in the mouse model by transplantation of genetically modified hematopoietic stem cells. <i>Journal of Clinical Investigation</i> , 2004, 113, 1118-1129.	3.9	256
5	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.	3.8	245
6	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.	3.9	241
7	Polyneuropathy in POEMS syndrome: role of angiogenic factors in the pathogenesis. <i>Brain</i> , 2005, 128, 1911-1920.	3.7	216
8	In vivo gene therapy of metachromatic leukodystrophy by lentiviral vectors: correction of neuropathology and protection against learning impairments in affected mice. <i>Nature Medicine</i> , 2001, 7, 310-316.	15.2	198
9	Gene therapy of metachromatic leukodystrophy reverses neurological damage and deficits in mice. <i>Journal of Clinical Investigation</i> , 2006, 116, 3070-3082.	3.9	197
10	Identification of Hematopoietic Stem Cell-Specific miRNAs Enables Gene Therapy of Globoid Cell Leukodystrophy. <i>Science Translational Medicine</i> , 2010, 2, 58ra84.	5.8	180
11	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.	1.2	174
12	Evidence of peripheral axonal neuropathy in primary restless legs syndrome. <i>Movement Disorders</i> , 1995, 10, 2-9.	2.2	170
13	Brain conditioning is instrumental for successful microglia reconstitution following hematopoietic stem cell transplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15018-15023.	3.3	168
14	Disruption of Mtmr2 produces CMT4B1-like neuropathy with myelin outfolding and impaired spermatogenesis. <i>Journal of Cell Biology</i> , 2004, 167, 711-721.	2.3	167
15	β 1 integrin activates Rac1 in Schwann cells to generate radial lamellae during axonal sorting and myelination. <i>Journal of Cell Biology</i> , 2007, 177, 1063-1075.	2.3	163
16	Gene therapy augments the efficacy of hematopoietic cell transplantation and fully corrects mucopolysaccharidosis type I phenotype in the mouse model. <i>Blood</i> , 2010, 116, 5130-5139.	0.6	159
17	Alpha-lipoic acid prevents mitochondrial damage and neurotoxicity in experimental chemotherapy neuropathy. <i>Experimental Neurology</i> , 2008, 214, 276-284.	2.0	158
18	PO Glycoprotein Overexpression Causes Congenital Hypomyelination of Peripheral Nerves. <i>Journal of Cell Biology</i> , 2000, 148, 1021-1034.	2.3	145

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19	Different Intracellular Pathomechanisms Produce Diverse Myelin Protein Zero Neuropathies in Transgenic Mice. <i>Journal of Neuroscience</i> , 2006, 26, 2358-2368.	1.7	144
20	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.	3.9	144
21	TACE (ADAM17) inhibits Schwann cell myelination. <i>Nature Neuroscience</i> , 2011, 14, 857-865.	7.1	136
22	Mitochondrial biogenesis and fission in axons in cell culture and animal models of diabetic neuropathy. <i>Acta Neuropathologica</i> , 2010, 120, 477-489.	3.9	125
23	Role of integrins in the peripheral nervous system. <i>Progress in Neurobiology</i> , 2001, 64, 35-49.	2.8	123
24	Heterogeneity of autoantibodies in stiff-man syndrome. <i>Annals of Neurology</i> , 1993, 34, 57-64.	2.8	121
25	Correction of metachromatic leukodystrophy in the mouse model by transplantation of genetically modified hematopoietic stem cells. <i>Journal of Clinical Investigation</i> , 2004, 113, 1118-1129.	3.9	117
26	Lab-on-Chip for Exosomes and Microvesicles Detection and Characterization. <i>Sensors</i> , 2018, 18, 3175.	2.1	107
27	iPSC-derived neural precursors exert a neuroprotective role in immune-mediated demyelination via the secretion of LIF. <i>Nature Communications</i> , 2013, 4, 2597.	5.8	104
28	Relief of inflammatory pain in rats by local use of the selective P2X7 ATP receptor inhibitor, oxidized ATP. <i>Arthritis and Rheumatism</i> , 2002, 46, 3378-3385.	6.7	101
29	Dlg1, Sec8, and Mtmr2 Regulate Membrane Homeostasis in Schwann Cell Myelination. <i>Journal of Neuroscience</i> , 2009, 29, 8858-8870.	1.7	101
30	Expression of Laminin Receptors in Schwann Cell Differentiation: Evidence for Distinct Roles. <i>Journal of Neuroscience</i> , 2003, 23, 5520-5530.	1.7	100
31	Haploinsufficiency of <i>AFG3L2</i> , the Gene Responsible for Spinocerebellar Ataxia Type 28, Causes Mitochondria-Mediated Purkinje Cell Dark Degeneration. <i>Journal of Neuroscience</i> , 2009, 29, 9244-9254.	1.7	99
32	Loss of Mtmr2 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.	1.7	95
33	The Mitochondrial Protease AFG3L2 Is Essential for Axonal Development. <i>Journal of Neuroscience</i> , 2008, 28, 2827-2836.	1.7	92
34	Hypogonadotropic hypogonadism and peripheral neuropathy in Ebf2-null mice. <i>Development (Cambridge)</i> , 2003, 130, 401-410.	1.2	89
35	Genetic Interaction between MTMR2 and FIG4 Phospholipid Phosphatases Involved in Charcot-Marie-Tooth Neuropathies. <i>PLoS Genetics</i> , 2011, 7, e1002319.	1.5	87
36	CRYOGLOBULINAEMIC NEUROPATHY. <i>Brain</i> , 1988, 111, 541-552.	3.7	85

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37	Î²4 integrin and other Schwann cell markers in axonal neuropathy. , 1996, 17, 294-306.		82
38	Antinociceptive effect of a new P2Z/P2X7 antagonist, oxidized ATP, in arthritic rats. Neuroscience Letters, 2002, 327, 87-90.	1.0	81
39	Î±4 Integrin and Dystroglycan Cooperate to Stabilize the Myelin Sheath. Journal of Neuroscience, 2008, 28, 6714-6719.	1.7	78
40	Sox2 expression in Schwann cells inhibits myelination in vivo and induces influx of macrophages to the nerve. Development (Cambridge), 2017, 144, 3114-3125.	1.2	75
41	Patterns of reactivity of human anti-GM1 antibodies with spinal cord and motor neurons. Annals of Neurology, 1992, 32, 487-493.	2.8	71
42	Myotubularin-related 2 protein phosphatase and neurofilament light chain protein, both mutated in CMT neuropathies, interact in peripheral nerve. Human Molecular Genetics, 2003, 12, 1713-1723.	1.4	67
43	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. Brain, 2012, 135, 3320-3335.	3.7	67
44	Purkinje neuron Ca ²⁺ influx reduction rescues ataxia in SCA28 model. Journal of Clinical Investigation, 2015, 125, 263-274.	3.9	67
45	Recent advances in amyotrophic lateral sclerosis. Journal of Neurology, 2016, 263, 1241-1254.	1.8	67
46	Corneal confocal microscopy reveals trigeminal small sensory fiber neuropathy in amyotrophic lateral sclerosis. Frontiers in Aging Neuroscience, 2014, 6, 278.	1.7	66
47	Prostaglandin D2 synthase/GPR44: a signaling axis in PNS myelination. Nature Neuroscience, 2014, 17, 1682-1692.	7.1	66
48	Immune response in peripheral axons delays disease progression in SOD1G93A mice. Journal of Neuroinflammation, 2016, 13, 261.	3.1	63
49	Charcot-Marie-Tooth type 4B demyelinating neuropathy: deciphering the role of MTMR phosphatases. Expert Reviews in Molecular Medicine, 2007, 9, 1-16.	1.6	62
50	Antibodies to sulfatide and to chondroitin sulfate C in patients with chronic sensory neuropathy. Journal of Neuroimmunology, 1993, 43, 79-85.	1.1	61
51	Vimentin regulates peripheral nerve myelination. Development (Cambridge), 2012, 139, 1359-1367.	1.2	58
52	The gp 120 glycoprotein of human immunodeficiency virus type 1 binds to sensory ganglion neurons. Annals of Neurology, 1993, 34, 855-863.	2.8	57
53	A novel P0glycoprotein transgene activates expression of lacZ in myelin-forming Schwann cells. European Journal of Neuroscience, 1999, 11, 1577-1586.	1.2	57
54	Effect of chronic treatment with recombinant interleukin-2 on the central nervous system of adult and old mice. Brain Research, 1992, 591, 248-252.	1.1	56

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55	Genetic interaction between the m-AAA protease isoenzymes reveals novel roles in cerebellar degeneration. <i>Human Molecular Genetics</i> , 2009, 18, 2001-2013.	1.4	55
56	Non-redundant function of dystroglycan and β 1 integrins in radial sorting of axons. <i>Development (Cambridge)</i> , 2011, 138, 4025-4037.	1.2	55
57	Structural and functional brain signatures of C9orf72 in motor neuron disease. <i>Neurobiology of Aging</i> , 2017, 57, 206-219.	1.5	54
58	Epitope-Tagged POGlycoprotein Causes Charcot-Marie-Tooth Like Neuropathy in Transgenic Mice. <i>Journal of Cell Biology</i> , 2000, 151, 1035-1046.	2.3	53
59	Anti-sulfatide antibodies in neurological disease: binding to rat dorsal root ganglia neurons. <i>Journal of the Neurological Sciences</i> , 1992, 112, 152-159.	0.3	52
60	DDIT4/REDD1/RTP801 Is a Novel Negative Regulator of Schwann Cell Myelination. <i>Journal of Neuroscience</i> , 2013, 33, 15295-15305.	1.7	51
61	β 1 and β 2 Integrins Are Required in Schwann Cells to Sort Axons. <i>Journal of Neuroscience</i> , 2013, 33, 17995-18007.	1.7	49
62	Increased expression of Myosin binding protein H in the skeletal muscle of amyotrophic lateral sclerosis patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 99-106.	1.8	49
63	Analyzing Histopathological Features of Rare Charcot-Marie-Tooth Neuropathies to Unravel Their Pathogenesis. <i>Archives of Neurology</i> , 2010, 67, 1498-505.	4.9	48
64	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. <i>Materials Science and Engineering C</i> , 2016, 69, 884-893.	3.8	48
65	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.	3.9	48
66	Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , 2020, 11, 3848.	5.8	44
67	Motor nerve biopsy studies in motor neuropathy and motor neuron disease. <i>Muscle and Nerve</i> , 1997, 20, 15-21.	1.0	42
68	Neural Stem Cells of the Subventricular Zone Contribute to Neuroprotection of the Corpus Callosum after Cuprizone-Induced Demyelination. <i>Journal of Neuroscience</i> , 2019, 39, 5481-5492.	1.7	42
69	Counteracting roles of MHCI and CD8+ T cells in the peripheral and central nervous system of ALS SOD1G93A mice. <i>Molecular Neurodegeneration</i> , 2018, 13, 42.	4.4	40
70	β 4 and β 1 Integrins in Astrocytomas and Other CNS Tumors. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996, 55, 456-465.	0.9	39
71	Peripheral nerve morphogenesis induced by scaffold micropatterning. <i>Biomaterials</i> , 2014, 35, 4035-4045.	5.7	39
72	Motor nerve biopsy: Clinical usefulness and histopathological criteria. <i>Annals of Neurology</i> , 2011, 69, 197-201.	2.8	38

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73	<i>TBK1</i> mutations in Italian patients with amyotrophic lateral sclerosis: genetic and functional characterisation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 869-875.	0.9	38
74	A minimal human MBP Promoter-lacZ transgene is appropriately regulated in developing brain and after optic enucleation, but not in shiverer mutant mice. <i>Journal of Neurobiology</i> , 1998, 34, 10-26.	3.7	37
75	Docetaxel neuropathy: a distal axonopathy. <i>Acta Neuropathologica</i> , 1999, 98, 651-653.	3.9	35
76	Jab1 regulates Schwann cell proliferation and axonal sorting through p27. <i>Journal of Experimental Medicine</i> , 2014, 211, 29-43.	4.2	35
77	Cxcl10 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.	1.0	34
78	MR Imaging of Brachial Plexus and Limb-Girdle Muscles in Patients with Amyotrophic Lateral Sclerosis. <i>Radiology</i> , 2016, 279, 553-561.	3.6	32
79	Diet, Microbiota and Brain Health: Unraveling the Network Intersecting Metabolism and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7471.	1.8	32
80	Human IgM anti-GM1 autoantibodies modulate intracellular calcium homeostasis in neuroblastoma cells. <i>Journal of Neuroimmunology</i> , 2001, 114, 213-219.	1.1	31
81	Impaired turnover of hyperfused mitochondria in severe axonal neuropathy due to a novel DRP1 mutation. <i>Human Molecular Genetics</i> , 2020, 29, 177-188.	1.4	30
82	Two factor-based reprogramming of rodent and human fibroblasts into Schwann cells. <i>Nature Communications</i> , 2017, 8, 14088.	5.8	28
83	The Peripheral Nervous System in Amyotrophic Lateral Sclerosis: Opportunities for Translational Research. <i>Frontiers in Neuroscience</i> , 2019, 13, 601.	1.4	28
84	Impaired flickering of the permeability transition pore causes SPG7 spastic paraplegia. <i>EBioMedicine</i> , 2020, 61, 103050.	2.7	28
85	Neutrophils predominate the immune signature of cerebral thrombi in COVID-19 stroke patients. <i>Acta Neuropathologica Communications</i> , 2022, 10, 14.	2.4	27
86	Vocal cord paralysis in Charcot-Marie-Tooth type 4b1 disease associated with a novel mutation in the myotubularin-related protein 2 gene: A case report and review of the literature. <i>Neuromuscular Disorders</i> , 2017, 27, 487-491.	0.3	26
87	Serum phosphorylated neurofilament heavy-chain levels reflect phenotypic heterogeneity and are an independent predictor of survival in motor neuron disease. <i>Journal of Neurology</i> , 2020, 267, 2272-2280.	1.8	26
88	Integrated evaluation of a panel of neurochemical biomarkers to optimize diagnosis and prognosis in amyotrophic lateral sclerosis. <i>European Journal of Neurology</i> , 2022, 29, 1930-1939.	1.7	25
89	Axonal neuropathy with monoclonal IgG kappa that binds to a neurofilament protein. <i>Annals of Neurology</i> , 1990, 28, 361-364.	2.8	24
90	Unraveling gene expression profiles in peripheral motor nerve from amyotrophic lateral sclerosis patients: insights into pathogenesis. <i>Scientific Reports</i> , 2016, 6, 39297.	1.6	24

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91	Schwann cell overexpression of the GPR7 receptor in inflammatory and painful neuropathies. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 55-63.	1.0	23
92	A novel composite type I collagen scaffold with micropatterned porosity regulates the entrance of phagocytes in a severe model of spinal cord injury. , 2017, 105, 1040-1053.		23
93	Phosphorylated TDP-43 aggregates in peripheral motor nerves of patients with amyotrophic lateral sclerosis. <i>Brain</i> , 2022, 145, 276-284.	3.7	22
94	An update on the diagnosis and management of the polyneuropathy of POEMS syndrome. <i>Journal of Neurology</i> , 2019, 266, 258-267.	1.8	21
95	A longitudinal DTI and histological study of the spinal cord reveals early pathological alterations in G93A-SOD1 mouse model of amyotrophic lateral sclerosis. <i>Experimental Neurology</i> , 2017, 293, 43-52.	2.0	19
96	Selective loss of microvesicles is a major issue of the differential centrifugation isolation protocols. <i>Scientific Reports</i> , 2021, 11, 3589.	1.6	19
97	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.	0.9	18
98	Early detection of skin and muscular involvement in lafora disease. <i>Journal of Neurology</i> , 1991, 238, 217-220.	1.8	17
99	Churg Strauss syndrome presenting as acute neuropathy resembling Guillain Barré syndrome. <i>Journal of Neurology</i> , 2008, 255, 1843-1844.	1.8	17
100	Chronic motor axonal neuropathy. <i>Journal of the Peripheral Nervous System</i> , 2011, 16, 341-346.	1.4	17
101	Synthesis and Preliminary Evaluation in Tumor Bearing Mice of New ¹⁸ F-Labeled Arylsulfone Matrix Metalloproteinase Inhibitors as Tracers for Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2676-2689.	2.9	17
102	Current application of neurofilaments in amyotrophic lateral sclerosis and future perspectives. <i>Neural Regeneration Research</i> , 2021, 16, 1985.	1.6	17
103	IgG monoclonal proteins from patients with axonal peripheral neuropathies bind to different epitopes of the 68 kDa neurofilament protein. <i>Journal of Neuroimmunology</i> , 1992, 36, 97-104.	1.1	16
104	Acute presentation of Tangier polyneuropathy: a clinical and morphological study. <i>Acta Neuropathologica</i> , 1993, 86, 90-94.	3.9	16
105	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.	1.1	16
106	Axonal neuropathy in a patient with monoclonal IgM kappa reactive with Schmidt-Lantermann incisures. <i>Journal of Neuroimmunology</i> , 1991, 33, 73-79.	1.1	15
107	Distinct Protein Expression Networks are Activated in Microglia Cells after Stimulation with IFN- γ and IL-4. <i>Cells</i> , 2019, 8, 580.	1.8	15
108	Loss of function ^{scp} MPZ mutation causes milder ^{scp} CMT1B neuropathy. <i>Journal of the Peripheral Nervous System</i> , 2021, 26, 177-183.	1.4	15

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109	Autoimmunity in the Peripheral Nervous System. <i>Critical Reviews in Neurobiology</i> , 2003, 15, 1-39.	3.3	15
110	Clinical features and outcomes of the flail arm and flail leg and pure lower motor neuron MND variants: a multicentre Italian study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1001-1003.	0.9	14
111	Thermosensitive chitosan-based hydrogels supporting motor neuron-like NSC-34 cell differentiation. <i>Biomaterials Science</i> , 2021, 9, 7492-7503.	2.6	14
112	Effect of hypothyroidism on rat peripheral nervous system. <i>NeuroReport</i> , 1993, 4, 499-502.	0.6	13
113	Foot pad skin biopsy in mouse models of hereditary neuropathy. <i>Glia</i> , 2010, 58, 2005-2016.	2.5	13
114	Monoclonal Antibodies Conjugated with Superparamagnetic Iron Oxide Particles Allow Magnetic Resonance Imaging Detection of Lymphocytes in the Mouse Brain. <i>Molecular Imaging</i> , 2012, 11, 7290.2011.00032.	0.7	13
115	Prostaglandin D2 synthase modulates macrophage activity and accumulation in injured peripheral nerves. <i>Glia</i> , 2020, 68, 95-110.	2.5	13
116	Functioning and quality of life in patients with neuropathy associated with anti-MAG antibodies. <i>Journal of Neurology</i> , 2018, 265, 2927-2933.	1.8	12
117	A nonsense mutation in myelin protein zero causes congenital hypomyelination neuropathy through altered P0 membrane targeting and gain of abnormal function. <i>Human Molecular Genetics</i> , 2019, 28, 124-132.	1.4	12
118	JAB1 deletion in oligodendrocytes causes senescence-induced inflammation and neurodegeneration in mice. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	12
119	Balance exercise in patients with chronic sensory ataxic neuropathy: a pilot study. <i>Journal of the Peripheral Nervous System</i> , 2014, 19, 145-151.	1.4	11
120	Development of Injectable Thermosensitive Chitosan-Based Hydrogels for Cell Encapsulation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6550.	1.3	11
121	Burden of Rare Variants in ALS and Axonal Hereditary Neuropathy Genes Influence Survival in ALS: Insights from a Next Generation Sequencing Study of an Italian ALS Cohort. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3346.	1.8	11
122	X-ray phase contrast tomography for the investigation of amyotrophic lateral sclerosis. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 1042-1048.	1.0	11
123	In vivo modulation of myelin gene expression by human recombinant IL-2. <i>Molecular Brain Research</i> , 1992, 12, 331-334.	2.5	10
124	A fatal case of Churgâ€“Strauss syndrome presenting with acute polyneuropathy mimicking Guillainâ€“BarrÃ© syndrome. <i>Neurological Sciences</i> , 2011, 32, 937-940.	0.9	10
125	Neonatal combination therapy improves some of the clinical manifestations in the Mucopolysaccharidosis type I murine model. <i>Molecular Genetics and Metabolism</i> , 2020, 130, 197-208.	0.5	10
126	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.	3.9	10

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127	Proteomic expression profile of injured rat peripheral nerves revealed biological networks and processes associated with nerve regeneration. <i>Journal of Cellular Physiology</i> , 2018, 233, 6207-6223.	2.0	9
128	NEK1 Variants in a Cohort of Italian Patients With Amyotrophic Lateral Sclerosis. <i>Frontiers in Neuroscience</i> , 2022, 16, 833051.	1.4	9
129	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.	0.9	8
130	Neurofilament light chain as a biological marker for amyotrophic lateral sclerosis: a meta-analysis study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2022, 23, 446-457.	1.1	8
131	Laminin receptor $\alpha 4$ integrin is highly expressed in ENU-induced glioma in rat. <i>Glia</i> , 1999, 26, 55-63.	2.5	7
132	From pathogenesis to personalized treatments of neuropathies in hematological malignancies. <i>Journal of the Peripheral Nervous System</i> , 2020, 25, 212-221.	1.4	7
133	Corneal and Epidermal Nerve Quantification in Chemotherapy Induced Peripheral Neuropathy. <i>Frontiers in Medicine</i> , 2022, 9, 832344.	1.2	7
134	Morphological and Functional Evaluation of Peripheral Nerve Regeneration in the Rat Using an Expanded Polytetrafluoroethylene (PTFE) Microprosthesis. <i>Journal of Investigative Surgery</i> , 1991, 4, 437-443.	0.6	6
135	Neurovascular signals in amyotrophic lateral sclerosis. <i>Current Opinion in Biotechnology</i> , 2022, 74, 75-83.	3.3	6
136	Peripheral Nerve Demyelination Due to P0Glycoprotein Overexpression Is Dose-Dependent. <i>Annals of the New York Academy of Sciences</i> , 1999, 883, 294-301.	1.8	5
137	Limitations in daily activities and general perception of quality of life: Long term follow-up in patients with anti- α myelin α glycoprotein antibody polyneuropathy. <i>Journal of the Peripheral Nervous System</i> , 2019, 24, 276-282.	1.4	5
138	Diffuse intraneural leiomyoma in a case of sensorimotor neuropathy. <i>Acta Neuropathologica</i> , 2009, 117, 595-597.	3.9	3
139	Ablation of neuronal ADAM17 impairs oligodendrocyte differentiation and myelination. <i>Glia</i> , 2020, 68, 1148-1164.	2.5	2
140	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.	1.2	2
141	Stiff-Man Syndrome. , 2014, , 1465-1477.		2
142	ADAM17 Regulates p75 ^{NTR} -Mediated Fibrinolysis and Nerve Remyelination. <i>Journal of Neuroscience</i> , 2022, 42, 2433-2447.	1.7	2
143	Concurrence of NMOSD and ALS in a patient with hexanucleotide repeat expansions of C9orf72. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019, 20, 449-452.	1.1	1
144	Normal structure and pathological features in peripheral neuropathies. <i>Journal of the Peripheral Nervous System</i> , 2021, 26, S11-S20.	1.4	1

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145	Primary Lateral Sclerosis Presenting With Focal Onset Spreading Through Contiguous Neuroanatomic Regions. <i>Neurology</i> , 2022, , 10.1212/WNL.0000000000200011.	1.5	1
146	Neuromuscular weakness. , 0, , 317-331.		0
147	Nerve pathology in animal models of neuropathies. <i>Journal of the Peripheral Nervous System</i> , 2021, 26 Suppl 2, S61-S68.	1.4	0
148	Vimentin regulates peripheral nerve myelination. <i>Journal of Cell Science</i> , 2012, 125, e1-e1.	1.2	0
149	Jab1 regulates Schwann cell proliferation and axonal sorting through p27. <i>Journal of Cell Biology</i> , 2013, 203, 2036OIA155.	2.3	0