

# Steven Petratos

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,129  
citations

304743

22  
h-index

276875

41  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degenerative and regenerative mechanisms governing spinal cord injury. <i>Neurobiology of Disease</i> , 2004, 15, 415-436.	4.4	405
2	LIF receptor signaling limits immune-mediated demyelination by enhancing oligodendrocyte survival. <i>Nature Medicine</i> , 2002, 8, 613-619.	30.7	241
3	Can We Design a Nogo Receptor-Dependent Cellular Therapy to Target MS?. <i>Cells</i> , 2019, 8, 1.	4.1	170
4	The $\beta$ -amyloid protein of Alzheimer's disease increases neuronal CRMP-2 phosphorylation by a Rho-GTP mechanism. <i>Brain</i> , 2008, 131, 90-108.	7.6	165
5	Induction of Postnatal Schwann Cell Death by the Low-Affinity Neurotrophin Receptor <i>In Vitro</i> and after Axotomy. <i>Journal of Neuroscience</i> , 2000, 20, 5741-5747.	3.6	120
6	Limiting multiple sclerosis related axonopathy by blocking Nogo receptor and CRMP-2 phosphorylation. <i>Brain</i> , 2012, 135, 1794-1818.	7.6	107
7	Antisense peptide nucleic acid-mediated knockdown of the p75 neurotrophin receptor delays motor neuron disease in mutant SOD1 transgenic mice. <i>Journal of Neurochemistry</i> , 2003, 87, 752-763.	3.9	91
8	Thyroid Hormone Signaling in Oligodendrocytes: from Extracellular Transport to Intracellular Signal. <i>Molecular Neurobiology</i> , 2016, 53, 6568-6583.	4.0	63
9	Leukemia Inhibitory Factor Arrests Oligodendrocyte Death and Demyelination in Spinal Cord Injury. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 914-929.	1.7	59
10	Mesenchymal Stem Cells for Treatment of CNS Injury. <i>Current Neuropharmacology</i> , 2010, 8, 316-323.	2.9	58
11	Expression of the low-affinity neurotrophin receptor, p75NTR, is upregulated by oligodendroglial progenitors adjacent to the subventricular zone in response to demyelination. <i>Glia</i> , 2004, 48, 64-75.	4.9	49
12	Axonal degeneration in multiple sclerosis: can we predict and prevent permanent disability?. <i>Acta Neuropathologica Communications</i> , 2014, 2, 97.	5.2	49
13	The Beta-Amyloid Protein of Alzheimer's Disease: Communication Breakdown by Modifying the Neuronal Cytoskeleton. <i>International Journal of Alzheimer's Disease</i> , 2013, 2013, 1-15.	2.0	45
14	Human Embryonic Stem Cell-Derived Oligodendrocytes: Protocols and Perspectives. <i>Stem Cells and Development</i> , 2013, 22, 2459-2476.	2.1	44
15	Schwann Cell Apoptosis in the Postnatal Axotomized Sciatic Nerve Is Mediated Via NGF through the Low-Affinity Neurotrophin Receptor. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 398-411.	1.7	40
16	TNF $\alpha$ mediates Schwann cell death by upregulating p75NTR expression without sustained activation of NF $\kappa$ B. <i>Neurobiology of Disease</i> , 2005, 20, 412-427.	4.4	32
17	Blocked, delayed, or obstructed: What causes poor white matter development in intrauterine growth restricted infants?. <i>Progress in Neurobiology</i> , 2017, 154, 62-77.	5.7	32
18	Localization of P450scc and 5 $\alpha$ -reductase type-2 in the cerebellum of fetal and newborn sheep. <i>Developmental Brain Research</i> , 2000, 123, 81-86.	1.7	31

#	ARTICLE	IF	CITATIONS
19	Multiple Sclerosis. <i>Neuroscientist</i> , 2013, 19, 394-408.	3.5	31
20	A potent Nrf2 activator, dh404, bolsters antioxidant capacity in glial cells and attenuates ischaemic retinopathy. <i>Clinical Science</i> , 2016, 130, 1375-1387.	4.3	27
21	Overcoming Monocarboxylate Transporter 8 (MCT8)-Deficiency to Promote Human Oligodendrocyte Differentiation and Myelination. <i>EBioMedicine</i> , 2017, 25, 122-135.	6.1	27
22	Novel Therapeutic Targets for Axonal Degeneration in Multiple Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 323-334.	1.7	26
23	Interleukin-18 alters protein expressions of neurodegenerative diseases-linked proteins in human SH-SY5Y neuron-like cells. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 214.	3.7	22
24	Intravitreal application of AAV-BDNF or mutant AAV-CRMP2 protects retinal ganglion cells and stabilizes axons and myelin after partial optic nerve injury. <i>Experimental Neurology</i> , 2020, 326, 113167.	4.1	22
25	Hematopoietic stem cell transplantation for multiple sclerosis: is it a clinical reality?. <i>Stem Cell Research and Therapy</i> , 2016, 7, 12.	5.5	21
26	Phosphorylation and Cleavage of the Family of Collapsin Response Mediator Proteins May Play a Central Role in Neurodegeneration after CNS Trauma. <i>Journal of Neurotrauma</i> , 2012, 29, 1728-1735.	3.4	17
27	Amyloid-beta-dependent phosphorylation of collapsin response mediator protein-2 dissociates kinesin in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2018, 13, 1066.	3.0	17
28	Limiting Neuronal Nogo Receptor 1 Signaling during Experimental Autoimmune Encephalomyelitis Preserves Axonal Transport and Abrogates Inflammatory Demyelination. <i>Journal of Neuroscience</i> , 2019, 39, 5562-5580.	3.6	16
29	The Role of Transthyretin in Oligodendrocyte Development. <i>Scientific Reports</i> , 2020, 10, 4189.	3.3	15
30	Oligodendroglial Lineage Cells in Thyroid Hormone-Deprived Conditions. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	14
31	Nogo receptor 1 regulates Caspr distribution at axo-glial units in the central nervous system. <i>Scientific Reports</i> , 2017, 7, 8958.	3.3	11
32	B-cells expressing NgR1 and NgR3 are localized to EAE-induced inflammatory infiltrates and are stimulated by BAFF. <i>Scientific Reports</i> , 2021, 11, 2890.	3.3	11
33	Nogo receptor expression in microglia/macrophages during experimental autoimmune encephalomyelitis progression. <i>Neural Regeneration Research</i> , 2018, 13, 896.	3.0	11
34	Axonal degeneration in multiple sclerosis: defining therapeutic targets by identifying the causes of pathology. <i>Neurodegenerative Disease Management</i> , 2015, 5, 527-548.	2.2	10
35	The Influence of Differentially Expressed Tissue-Type Plasminogen Activator in Experimental Autoimmune Encephalomyelitis: Implications for Multiple Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0158653.	2.5	7
36	Lumbar spine intrathecal transplantation of neural precursor cells promotes oligodendrocyte proliferation in hot spots of chronic demyelination. <i>Brain Pathology</i> , 2022, 32, e13040.	4.1	7

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37	Nogo-Receptor 1 Deficiency Has No Influence on Immune Cell Repertoire or Function during Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2013, 8, e82101.	2.5	5
38	That's a Wrap! Molecular Drivers Governing Neuronal Nogo Receptor-Dependent Myelin Plasticity and Integrity. Frontiers in Cellular Neuroscience, 2020, 14, 227.	3.7	5
39	Enhanced re-myelination in transthyretin null mice following cuprizone mediated demyelination. Neuroscience Letters, 2022, 766, 136287.	2.1	3
40	Stop CRMPing my style: a new competitive model of CRMP oligomerization. Journal of Neurochemistry, 2013, 125, 800-802.	3.9	2
41	Novel contributors to B cell activation during inflammatory CNS demyelination; An ONGOing process. International Journal of Medical Sciences, 2022, 19, 164-174.	2.5	1