

Patrick KÃ¼ry

List of Publications by Year in descending order

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91
papers

2,931
citations

159585

30
h-index

189892

50
g-index

95
all docs

95
docs citations

95
times ranked

3955
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Endogenous Retroviruses in Neurological Diseases. Trends in Molecular Medicine, 2018, 24, 379-394.	6.7	212
2	Human endogenous retrovirus type W envelope protein inhibits oligodendroglial precursor cell differentiation. Annals of Neurology, 2013, 74, 721-732.	5.3	155
3	Cell-based therapeutic strategies for multiple sclerosis. Brain, 2017, 140, 2776-2796.	7.6	139
4	The complex world of oligodendroglial differentiation inhibitors. Annals of Neurology, 2011, 69, 602-618.	5.3	119
5	Gene expression profiling reveals that peripheral nerve regeneration is a consequence of both novel injury-dependent and reactivated developmental processes. Journal of Neurochemistry, 2006, 96, 1441-1457.	3.9	107
6	CXCR7 is an active component of SDF-1 signalling in astrocytes and Schwann cells. Journal of Cell Science, 2010, 123, 1081-1088.	2.0	100
7	Pushing Forward: Remyelination as the New Frontier in CNS Diseases. Trends in Neurosciences, 2016, 39, 246-263.	8.6	82
8	pHERV-W envelope protein fuels microglial cell-dependent damage of myelinated axons in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15216-15225.	7.1	78
9	Natalizumab restores aberrant miRNA expression profile in multiple sclerosis and reveals a critical role for miR-20b. Annals of Clinical and Translational Neurology, 2015, 2, 43-55.	3.7	71
10	The Molecular Basis for Remyelination Failure in Multiple Sclerosis. Cells, 2019, 8, 825.	4.1	71
11	Activation of CXCR7 receptor promotes oligodendroglial cell maturation. Annals of Neurology, 2010, 68, 915-924.	5.3	69
12	SDF-1 stimulates neurite growth on inhibitory CNS myelin. Molecular and Cellular Neurosciences, 2009, 40, 293-300.	2.2	66
13	Promoting remyelination in multiple sclerosis: Current drugs and future prospects. Multiple Sclerosis Journal, 2015, 21, 541-549.	3.0	63
14	Translational value of choroid plexus imaging for tracking neuroinflammation in mice and humans. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	62
15	Transcriptional response to circumscribed cortical brain ischemia: spatiotemporal patterns in ischemic vs. remote non-ischemic cortex. European Journal of Neuroscience, 2004, 19, 1708-1720.	2.6	61
16	The cyclin-dependent kinase inhibitor p57kip2 is a negative regulator of Schwann cell differentiation and <i>in vitro</i> myelination. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8748-8753.	7.1	56
17	Mesenchymal Stem Cells Prime Proliferating Adult Neural Progenitors Toward an Oligodendrocyte Fate. Stem Cells and Development, 2012, 21, 1838-1851.	2.1	55
18	The neutralizing antibody GNBAC1 abrogates HERV-W envelope protein-mediated oligodendroglial maturation blockade. Multiple Sclerosis Journal, 2015, 21, 1200-1203.	3.0	54

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19	Mammalian Achaete Scute Homolog 2 Is Expressed in the Adult Sciatic Nerve and Regulates the Expression of Krox24, Mob-1, CXCR4, and p57kip2 in Schwann Cells. <i>Journal of Neuroscience</i> , 2002, 22, 7586-7595.	3.6	50
20	p57kip2 is dynamically regulated in experimental autoimmune encephalomyelitis and interferes with oligodendroglial maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9087-9092.	7.1	46
21	Mesenchymal Stem Cell Conditioning Promotes Rat Oligodendroglial Cell Maturation. <i>PLoS ONE</i> , 2013, 8, e71814.	2.5	45
22	Current advancements in promoting remyelination in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2019, 25, 7-14.	3.0	41
23	Efficacy and safety of temelimab in multiple sclerosis: Results of a randomized phase 2b and extension study. <i>Multiple Sclerosis Journal</i> , 2022, 28, 429-440.	3.0	40
24	Fingolimod induces the transition to a nerve regeneration promoting Schwann cell phenotype. <i>Experimental Neurology</i> , 2015, 271, 25-35.	4.1	39
25	Teriflunomide promotes oligodendroglial differentiation and myelination. <i>Journal of Neuroinflammation</i> , 2018, 15, 76.	7.2	37
26	Early alpha-lipoic acid therapy protects from degeneration of the inner retinal layers and vision loss in an experimental autoimmune encephalomyelitis-optic neuritis model. <i>Journal of Neuroinflammation</i> , 2018, 15, 71.	7.2	37
27	Molecules Involved in the Crosstalk Between Immune- and Peripheral Nerve Schwann Cells. <i>Journal of Clinical Immunology</i> , 2014, 34, 86-104.	3.8	36
28	A gene regulatory architecture that controls region-independent dynamics of oligodendrocyte differentiation. <i>Glia</i> , 2019, 67, 825-843.	4.9	36
29	The remyelination Philosopher's Stone: stem and progenitor cell therapies for multiple sclerosis. <i>Cell and Tissue Research</i> , 2012, 349, 331-347.	2.9	34
30	Oligodendroglial Maturation Is Dependent on Intracellular Protein Shuttling. <i>Journal of Neuroscience</i> , 2015, 35, 906-919.	3.6	34
31	Deciphering the Oligodendrogenic Program of Neural Progenitors: Cell Intrinsic and Extrinsic Regulators. <i>Stem Cells and Development</i> , 2010, 19, 595-606.	2.1	33
32	Gene expression profiling reveals multiple novel intrinsic and extrinsic factors associated with axonal regeneration failure. <i>European Journal of Neuroscience</i> , 2004, 19, 32-42.	2.6	32
33	Rescuing the negative impact of human endogenous retrovirus envelope protein on oligodendroglial differentiation and myelination. <i>Glia</i> , 2019, 67, 160-170.	4.9	31
34	Protective effects of 4-aminopyridine in experimental optic neuritis and multiple sclerosis. <i>Brain</i> , 2020, 143, 1127-1142.	7.6	29
35	Ageing restricts the ability of mesenchymal stem cells to promote the generation of oligodendrocytes during remyelination. <i>Glia</i> , 2019, 67, 1510-1525.	4.9	28
36	Remyelination in multiple sclerosis: from concept to clinical trials. <i>Current Opinion in Neurology</i> , 2019, 32, 378-384.	3.6	28

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37	p57kip2 regulates glial fate decision in adult neural stem cells. <i>Development (Cambridge)</i> , 2012, 139, 3306-3315.	2.5	27
38	Osteopontin, a macrophage-derived matricellular glycoprotein, inhibits axon outgrowth. <i>FASEB Journal</i> , 2005, 19, 1-17.	0.5	26
39	Increased cardiac mRNA expression of matrix metalloproteinase-1 (MMP-1) and its inhibitor (TIMP-1) in DCM patients. <i>Clinical Research in Cardiology</i> , 2006, 95, 261-269.	3.3	26
40	Histone methyltransferase enhancer of zeste homolog 2 regulates Schwann cell differentiation. <i>Glia</i> , 2012, 60, 1696-1708.	4.9	26
41	Negative Regulators of Schwann Cell Differentiation—Novel Targets for Peripheral Nerve Therapies?. <i>Journal of Clinical Immunology</i> , 2013, 33, 18-26.	3.8	26
42	Secretome analysis of nerve repair mediating Schwann cells reveals Smad-dependent trophism. <i>FASEB Journal</i> , 2019, 33, 4703-4715.	0.5	25
43	A distinct CD38+CD45RA+ population of CD4+, CD8+, and double-negative T cells is controlled by FAS. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	25
44	Cyclic AMP and tumor necrosis factor- β regulate CXCR4 gene expression in Schwann cells. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 1-9.	2.2	24
45	Heterogeneous populations of neural stem cells contribute to myelin repair. <i>Neural Regeneration Research</i> , 2017, 12, 509.	3.0	23
46	Increased Remyelination and Proregenerative Microglia Under Siponimod Therapy in Mechanistic Models. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	23
47	Human mesenchymal factors induce rat hippocampal and human neural stem cell dependent oligodendrogenesis. <i>Glia</i> , 2018, 66, 145-160.	4.9	22
48	Regulation of sirtuin expression in autoimmune neuroinflammation: Induction of SIRT1 in oligodendrocyte progenitor cells. <i>Neuroscience Letters</i> , 2019, 704, 116-125.	2.1	21
49	The β -chemokine CXCL14 is up-regulated in the sciatic nerve of a mouse model of Charcot-Marie-Tooth disease type 1A and alters myelin gene expression in cultured Schwann cells. <i>Neurobiology of Disease</i> , 2009, 33, 448-458.	4.4	20
50	An unmet clinical need: roads to remyelination in MS. <i>Neurological Research and Practice</i> , 2019, 1, 21.	2.0	19
51	CXCR7 Is Involved in Human Oligodendroglial Precursor Cell Maturation. <i>PLoS ONE</i> , 2016, 11, e0146503.	2.5	18
52	Aberrant Oligodendrogenesis in Down Syndrome: Shift in Gliogenesis?. <i>Cells</i> , 2019, 8, 1591.	4.1	18
53	Managing Risks with Immune Therapies in Multiple Sclerosis. <i>Drug Safety</i> , 2019, 42, 633-647.	3.2	18
54	Neural Cell Responses Upon Exposure to Human Endogenous Retroviruses. <i>Frontiers in Genetics</i> , 2019, 10, 655.	2.3	17

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55	Identification of novel myelin repair drugs by modulation of oligodendroglial differentiation competence. <i>EBioMedicine</i> , 2021, 65, 103276.	6.1	17
56	Immunoglobulins stimulate cultured Schwann cell maturation and promote their potential to induce axonal outgrowth. <i>Journal of Neuroinflammation</i> , 2015, 12, 107.	7.2	16
57	Secretome Analysis of Mesenchymal Stem Cell Factors Fostering Oligodendroglial Differentiation of Neural Stem Cells In Vivo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4350.	4.1	16
58	Transcriptional Profiling of Ligand Expression in Cell Specific Populations of the Adult Mouse Forebrain That Regulates Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 220.	2.8	13
59	Agammaglobulinemia with normal B-cell numbers in a patient lacking Bob1. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1977-1980.	2.9	12
60	p57kip2's role beyond Schwann cell cycle control. <i>Cell Cycle</i> , 2008, 7, 2781-2786.	2.6	10
61	Intracellular Protein Shuttling: A Mechanism Relevant for Myelin Repair in Multiple Sclerosis?. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15057-15085.	4.1	10
62	Sildenafil Inhibits Myelin Expression and Myelination of Oligodendroglial Precursor Cells. <i>ASN Neuro</i> , 2019, 11, 175909141983244.	2.7	10
63	Drug repurposing for neuroregeneration in multiple sclerosis. <i>Neural Regeneration Research</i> , 2018, 13, 1366.	3.0	10
64	Vinpocetine Inhibits Oligodendroglial Precursor Cell Differentiation. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 711-722.	1.6	9
65	Taking Advantage of Nature's Gift: Can Endogenous Neural Stem Cells Improve Myelin Regeneration?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1895.	4.1	9
66	Microglia contributes to remyelination in cerebral but not spinal cord ischemia. <i>Glia</i> , 2021, 69, 2739-2751.	4.9	9
67	Targeting semaphorins in MS as a treatment strategy to promote remyelination: A tale of mice, rats and men. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1616-1617.	3.0	8
68	C21orf91 Regulates Oligodendroglial Precursor Cell Fate—A Switch in the Glial Lineage?. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 653075.	3.7	8
69	Differential Patterns of Local Gene Regulation in Crush Lesions of the Rat Optic and Sciatic Nerve: Relevance to Posttraumatic Regeneration. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 483-494.	1.6	7
70	Do Neural Stem Cells Have a Choice? Heterogenic Outcome of Cell Fate Acquisition in Different Injury Models. <i>International Journal of Molecular Sciences</i> , 2019, 20, 455.	4.1	7
71	Neurological manifestations of severe acute respiratory syndrome coronavirus 2—a controversy—gone viral™. <i>Brain Communications</i> , 2020, 2, fcaa149.	3.3	7
72	Small molecule screening as an approach to encounter inefficient myelin repair. <i>Current Opinion in Pharmacology</i> , 2021, 61, 127-135.	3.5	7

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73	Recent achievements in stem cell-mediated myelin repair. <i>Current Opinion in Neurology</i> , 2016, 29, 205-212.	3.6	6
74	Reply to Ruprecht and Mayer: Unearthing genomic fossils in the pathogenesis of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19793-19794.	7.1	6
75	TLR4 Associated Signaling Disrupters as a New Means to Overcome HERV-W Envelope-Mediated Myelination Deficits. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 777542.	3.7	6
76	Oligodendroglial lineage cells express nuclear p57kip2 in multiple sclerosis lesions. <i>Glia</i> , 2013, 61, 1250-1260.	4.9	5
77	Long-term robustness of a T-cell system emerging from somatic rescue of a genetic block in T-cell development. <i>EBioMedicine</i> , 2020, 59, 102961.	6.1	5
78	Human endogenous retroviruses: ammunition for myeloid cells in neurodegenerative diseases?. <i>Neural Regeneration Research</i> , 2020, 15, 1043.	3.0	5
79	Transcription factors in nerve regeneration. <i>Progress in Brain Research</i> , 2001, 132, 569-585.	1.4	4
80	Prehistoric enemies within: The contribution of human endogenous retroviruses to neurological diseases. Meeting report: "Second International Workshop on Human Endogenous Retroviruses and Disease", Washington DC, March 13th and 14th 2017. <i>Multiple Sclerosis and Related Disorders</i> , 2017, 15, 18-23.	2.0	4
81	ECTRIMS/ACTRIMS 2017: Closing in on neurorepair in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 696-700.	3.0	4
82	Heterogeneous fate choice of genetically modulated adult neural stem cells in gray and white matter of the central nervous system. <i>Glia</i> , 2020, 68, 393-406.	4.9	4
83	Meeting report: "Human endogenous retroviruses: HERVs or transposable elements in autoimmune, chronic inflammatory and degenerative diseases or cancer", Lyon, France, november 5th and 6th 2019 "an MS scientist's digest". <i>Multiple Sclerosis and Related Disorders</i> , 2020, 42, 102068.	2.0	4
84	Case Report: Persisting Lymphopenia During Neuropsychiatric Tumefactive Multiple Sclerosis Rebound Upon Fingolimod Withdrawal. <i>Frontiers in Neurology</i> , 2021, 12, 785180.	2.4	3
85	Endogenous clues promoting remyelination in multiple sclerosis. <i>Current Opinion in Neurology</i> , 2022, 35, 307-312.	3.6	3
86	Nitrosative Stress Molecules in Multiple Sclerosis: A Meta-Analysis. <i>Biomedicines</i> , 2021, 9, 1899.	3.2	2
87	Case Report: Successful Stabilization of Marburg Variant Multiple Sclerosis With Ocrelizumab Following High-Dose Cyclophosphamide Rescue. <i>Frontiers in Neurology</i> , 2021, 12, 696807.	2.4	1
88	Novel approaches for the development of peripheral nerve regenerative therapies. <i>Neural Regeneration Research</i> , 2015, 10, 1743.	3.0	1
89	Therapie der multiplen Sklerose: Medikamentöse Ansätze zur Remyelinisierung in Präfung. , 0, , .		0
90	Functional in vivo assessment of stem cell-secreted pro-oligodendroglial factors. <i>Neural Regeneration Research</i> , 2022, 17, 2194.	3.0	0

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91	There is more than one route to achieve myelin repair. Regenerative Medicine, 0, , .	1.7	0