

Trevor John Kilpatrick

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9095635/publications.pdf>

Version: 2024-02-01

176
papers

12,312
citations

36203

51
h-index

27345

106
g-index

184
all docs

184
docs citations

184
times ranked

16762
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. <i>Nature</i> , 2011, 476, 214-219.	13.7	2,400
2	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. <i>Nature Genetics</i> , 2013, 45, 1353-1360.	9.4	1,213
3	Genome-wide association study identifies new multiple sclerosis susceptibility loci on chromosomes 12 and 20. <i>Nature Genetics</i> , 2009, 41, 824-828.	9.4	501
4	Gait and balance impairment in early multiple sclerosis in the absence of clinical disability. <i>Multiple Sclerosis Journal</i> , 2006, 12, 620-628.	1.4	427
5	Cloning and growth of multipotential neural precursors: Requirements for proliferation and differentiation. <i>Neuron</i> , 1993, 10, 255-265.	3.8	364
6	EphA4 (Sek1) receptor tyrosine kinase is required for the development of the corticospinal tract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13248-13253.	3.3	292
7	Vitamin D levels in people with multiple sclerosis and community controls in Tasmania, Australia. <i>Journal of Neurology</i> , 2007, 254, 581-590.	1.8	285
8	LIF receptor signaling limits immune-mediated demyelination by enhancing oligodendrocyte survival. <i>Nature Medicine</i> , 2002, 8, 613-619.	15.2	241
9	Cell death in the Schwann cell lineage and its regulation by neuregulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 9229-9234.	3.3	220
10	Adult Neural Precursor Cells from the Subventricular Zone Contribute Significantly to Oligodendrocyte Regeneration and Remyelination. <i>Journal of Neuroscience</i> , 2014, 34, 14128-14146.	1.7	215
11	Brain-Derived Neurotrophic Factor Promotes Central Nervous System Myelination via a Direct Effect upon Oligodendrocytes. <i>NeuroSignals</i> , 2010, 18, 186-202.	0.5	205
12	Multidisciplinary rehabilitation for adults with multiple sclerosis. <i>The Cochrane Library</i> , 2007, , CD006036.	1.5	188
13	Sex as a determinant of relapse incidence and progressive course of multiple sclerosis. <i>Brain</i> , 2013, 136, 3609-3617.	3.7	140
14	Exposure to Infant Siblings During Early Life and Risk of Multiple Sclerosis. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 463.	3.8	137
15	The multiple sclerosis whole blood mRNA transcriptome and genetic associations indicate dysregulation of specific T cell pathways in pathogenesis. <i>Human Molecular Genetics</i> , 2010, 19, 2134-2143.	1.4	128
16	Oligodendroglial Expression of TrkB Independently Regulates Myelination and Progenitor Cell Proliferation. <i>Journal of Neuroscience</i> , 2013, 33, 4947-4957.	1.7	122
17	Replication of KIAA0350, IL2RA, RPL5 and CD58 as multiple sclerosis susceptibility genes in Australians. <i>Genes and Immunity</i> , 2008, 9, 624-630.	2.2	116
18	Gas6 Deficiency Increases Oligodendrocyte Loss and Microglial Activation in Response to Cuprizone-Induced Demyelination. <i>Journal of Neuroscience</i> , 2008, 28, 5195-5206.	1.7	114

#	ARTICLE	IF	CITATIONS
19	Targeted Ablation of Oligodendrocytes Induces Axonal Pathology Independent of Overt Demyelination. <i>Journal of Neuroscience</i> , 2012, 32, 8317-8330.	1.7	97
20	Genetic Dissection of the Human Leukocyte Antigen Region by Use of Haplotypes of Tasmanians with Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2002, 70, 1125-1137.	2.6	93
21	Achievements and obstacles of remyelinating therapies in multiple sclerosis. <i>Nature Reviews Neurology</i> , 2017, 13, 742-754.	4.9	89
22	LIF receptor signaling modulates neural stem cell renewal. <i>Molecular and Cellular Neurosciences</i> , 2004, 27, 255-266.	1.0	88
23	Expression of the Tyro4/Mek4/Cek4 Gene Specifically Marks a Subset of Embryonic Motor Neurons and Their Muscle Targets. <i>Molecular and Cellular Neurosciences</i> , 1996, 7, 62-74.	1.0	86
24	The Regulation of Neural Precursor Cells within the Mammalian Brain. <i>Molecular and Cellular Neurosciences</i> , 1995, 6, 2-15.	1.0	85
25	Optic nerve diffusion changes and atrophy jointly predict visual dysfunction after optic neuritis. <i>NeuroImage</i> , 2009, 45, 679-686.	2.1	84
26	Remyelination Is Altered by Bone Morphogenic Protein Signaling in Demyelinated Lesions. <i>Journal of Neuroscience</i> , 2011, 31, 4504-4510.	1.7	83
27	Endogenous leukemia inhibitory factor production limits autoimmune demyelination and oligodendrocyte loss. <i>Glia</i> , 2006, 53, 696-703.	2.5	82
28	Latitudinal variation in incidence and type of first central nervous system demyelinating events. <i>Multiple Sclerosis Journal</i> , 2010, 16, 398-405.	1.4	80
29	Higher intake of omega-3 polyunsaturated fatty acids is associated with a decreased risk of a first clinical diagnosis of central nervous system demyelination: Results from the Ausimmune Study. <i>Multiple Sclerosis Journal</i> , 2016, 22, 884-892.	1.4	80
30	Leukemia inhibitory factor signaling modulates both central nervous system demyelination and myelin repair. <i>Glia</i> , 2008, 56, 686-698.	2.5	79
31	The role of latitude, ultraviolet radiation exposure and vitamin D in childhood asthma and hayfever: an Australian multicenter study. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 327-333.	1.1	78
32	Vitamin D status: Multifactorial contribution of environment, genes and other factors in healthy Australian adults across a latitude gradient. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 136, 300-308.	1.2	78
33	Multiple sclerosis: disability profile and quality of life in an Australian community cohort. <i>International Journal of Rehabilitation Research</i> , 2006, 29, 87-96.	0.7	77
34	Role of Cytokines as Mediators and Regulators of Microglial Activity in Inflammatory Demyelination of the CNS. <i>NeuroMolecular Medicine</i> , 2010, 12, 99-132.	1.8	76
35	Extracellular signal-regulated kinase 1/2 signaling promotes oligodendrocyte myelination <i>in vitro</i> . <i>Journal of Neurochemistry</i> , 2012, 122, 1167-1180.	2.1	76
36	Leukemia Inhibitory Factor Is an Autocrine Survival Factor for Schwann Cells. <i>Journal of Neurochemistry</i> , 2002, 73, 96-104.	2.1	75

#	ARTICLE	IF	CITATIONS
37	MR diffusion changes correlate with ultra-structurally defined axonal degeneration in murine optic nerve. <i>NeuroImage</i> , 2007, 37, 1138-1147.	2.1	75
38	Ndrg1 in development and maintenance of the myelin sheath. <i>Neurobiology of Disease</i> , 2011, 42, 368-380.	2.1	75
39	Nanodiamonds with silicon vacancy defects for nontoxic photostable fluorescent labeling of neural precursor cells. <i>Optics Letters</i> , 2013, 38, 4170.	1.7	74
40	Illness perception and health-related quality of life in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2007, 116, 293-299.	1.0	72
41	The neurotrophins act synergistically with LIF and members of the TGF- β superfamily to promote the survival of spiral ganglia neurons in vitro. <i>Hearing Research</i> , 1999, 138, 73-80.	0.9	71
42	Suppressor of cytokine signaling 3 limits protection of leukemia inhibitory factor receptor signaling against central demyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7859-7864.	3.3	71
43	Observational analytic studies in multiple sclerosis: controlling bias through study design and conduct. <i>The Australian Multicentre Study of Environment and Immune Function. Multiple Sclerosis Journal</i> , 2007, 13, 827-839.	1.4	68
44	Modulation of bone morphogenic protein signalling alters numbers of astrocytes and oligodendroglia in the subventricular zone during cuprizone-induced demyelination. <i>Journal of Neurochemistry</i> , 2010, 115, 11-22.	2.1	67
45	Increased proliferation of precursor cells in the adult rat brain after targeted lesioning. <i>Brain Research</i> , 1996, 743, 11-16.	1.1	63
46	Population attributable fractions and joint effects of key risk factors for multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 461-469.	1.4	59
47	Gas6 Increases Myelination by Oligodendrocytes and Its Deficiency Delays Recovery following Cuprizone-Induced Demyelination. <i>PLoS ONE</i> , 2011, 6, e17727.	1.1	58
48	Regulation of neural stem cell differentiation in the forebrain. <i>Immunology and Cell Biology</i> , 1998, 76, 414-418.	1.0	57
49	A genome-wide association study in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1384-1394.	1.4	57
50	BDNF Exerts Contrasting Effects on Peripheral Myelination of NGF-Dependent and BDNF-Dependent DRG Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 4016-4022.	1.7	56
51	Fibre-specific white matter changes in multiple sclerosis patients with optic neuritis. <i>NeuroImage: Clinical</i> , 2018, 17, 60-68.	1.4	56
52	A Polymorphism in the HLA-DPB1 Gene Is Associated with Susceptibility to Multiple Sclerosis. <i>PLoS ONE</i> , 2010, 5, e13454.	1.1	55
53	Haplotypes of the interleukin 7 receptor alpha gene are correlated with altered expression in whole blood cells in multiple sclerosis. <i>Genes and Immunity</i> , 2008, 9, 1-6.	2.2	54
54	A rare P2X7 variant Arg307Gln with absent pore formation function protects against neuroinflammation in multiple sclerosis. <i>Human Molecular Genetics</i> , 2015, 24, 5644-5654.	1.4	53

#	ARTICLE	IF	CITATIONS
55	Associations between Silicone Skin Cast Score, Cumulative Sun Exposure, and Other Factors in the Ausimmune Study: A Multicenter Australian Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 2887-2894.	1.1	52
56	Effect of p75 neurotrophin receptor antagonist on disease progression in transgenic amyotrophic lateral sclerosis mice. <i>Journal of Neuroscience Research</i> , 2004, 78, 193-199.	1.3	51
57	Neuroprotection in multiple sclerosis: A therapeutic challenge for the next decade. , 2010, 126, 82-93.		51
58	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.	2.5	49
59	SNP mapping and candidate gene sequencing in the class I region of the HLA complex: searching for multiple sclerosis susceptibility genes in Tasmanians. <i>Tissue Antigens</i> , 2008, 71, 42-50.	1.0	48
60	Leukemia inhibitory factor promotes the neuronal development of spinal cord precursors from the neural tube. <i>Journal of Neuroscience Research</i> , 1992, 33, 476-484.	1.3	47
61	Validation of linear cerebral atrophy markers in multiple sclerosis. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 130-137.	0.8	47
62	Validation of a novel biomarker for acute axonal injury in experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience Research</i> , 2008, 86, 3548-3555.	1.3	46
63	Fyn is an intermediate kinase that <sc>BDNF</sc> utilizes to promote oligodendrocyte myelination. <i>Glia</i> , 2016, 64, 255-269.	2.5	46
64	Multiple Sclerosis Susceptibility-Associated SNPs Do Not Influence Disease Severity Measures in a Cohort of Australian MS Patients. <i>PLoS ONE</i> , 2010, 5, e10003.	1.1	45
65	A role for galanin in human and experimental inflammatory demyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15466-15471.	3.3	44
66	Diffusion tensor imaging of the optic radiations after optic neuritis. <i>Human Brain Mapping</i> , 2012, 33, 2047-2061.	1.9	44
67	The Role of Neurotrophins in the Regulation of Myelin Development. <i>NeuroSignals</i> , 2009, 17, 265-276.	0.5	42
68	Antisaccade performance in patients with multiple sclerosis. <i>Cortex</i> , 2009, 45, 900-903.	1.1	42
69	Polymorphisms in the Receptor Tyrosine Kinase MERTK Gene Are Associated with Multiple Sclerosis Susceptibility. <i>PLoS ONE</i> , 2011, 6, e16964.	1.1	42
70	Multiple sclerosis: Cognition and saccadic eye movements. <i>Journal of the Neurological Sciences</i> , 2009, 277, 32-36.	0.3	41
71	Extended haplotype analysis in the HLA complex reveals an increased frequency of the HFE-C282Y mutation in individuals with multiple sclerosis. <i>Human Genetics</i> , 2004, 114, 573-580.	1.8	40
72	HLA-DRB1 associations with disease susceptibility and clinical course in Australians with multiple sclerosis. <i>Tissue Antigens</i> , 2009, 74, 17-21.	1.0	40

#	ARTICLE	IF	CITATIONS
73	Heterogeneity at the HLA-DRB1 allelic variation locus does not influence multiple sclerosis disease severity, brain atrophy or cognition. <i>Multiple Sclerosis Journal</i> , 2011, 17, 344-352.	1.4	40
74	Optic Nerve Diffusion Tensor Imaging after Acute Optic Neuritis Predicts Axonal and Visual Outcomes. <i>PLoS ONE</i> , 2013, 8, e83825.	1.1	40
75	Genome sequencing uncovers phenocopies in primary progressive multiple sclerosis. <i>Annals of Neurology</i> , 2018, 84, 51-63.	2.8	38
76	Treatment of experimental autoimmune encephalomyelitis with antisense oligonucleotides against the low affinity neurotrophin receptor. <i>Journal of Neuroscience Research</i> , 2000, 59, 712-721.	1.3	37
77	A Higher Mediterranean Diet Score, Including Unprocessed Red Meat, Is Associated with Reduced Risk of Central Nervous System Demyelination in a Case-Control Study of Australian Adults. <i>Journal of Nutrition</i> , 2019, 149, 1385-1392.	1.3	36
78	Asthma onset prior to multiple sclerosis and the contribution of sibling exposure in early life. <i>Clinical and Experimental Immunology</i> , 2006, 146, 463-470.	1.1	34
79	The MS Risk Allele of CD40 Is Associated with Reduced Cell-Membrane Bound Expression in Antigen Presenting Cells: Implications for Gene Function. <i>PLoS ONE</i> , 2015, 10, e0127080.	1.1	34
80	Effects of Bone Morphogenic Proteins on Neural Precursor Cells and Regulation during Central Nervous System Injury. <i>NeuroSignals</i> , 2009, 17, 255-264.	0.5	33
81	The TAM receptor Tyro3 regulates myelination in the central nervous system. <i>Glia</i> , 2017, 65, 581-591.	2.5	33
82	The role of neurotransmission and the Chopper domain in p75 neurotrophin receptor death signaling. <i>Progress in Brain Research</i> , 2004, 146, 41-62.	0.9	32
83	TAM Receptor Signalling and Demyelination. <i>NeuroSignals</i> , 2009, 17, 277-287.	0.5	32
84	A pilot randomized controlled trial of a tailored cognitive behavioural therapy based intervention for depressive symptoms in those newly diagnosed with multiple sclerosis. <i>BMC Psychiatry</i> , 2016, 16, 435.	1.1	32
85	Synergy between TGF- β 3 and NT-3 to promote the survival of spiral ganglia neurones in vitro. <i>Neuroscience Letters</i> , 1998, 240, 77-80.	1.0	31
86	The physical anthropometry, lifestyle habits and blood pressure of people presenting with a first clinical demyelinating event compared to controls: The Ausimmune study. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1717-1725.	1.4	30
87	Sun Exposure across the Life Course Significantly Modulates Early Multiple Sclerosis Clinical Course. <i>Frontiers in Neurology</i> , 2018, 9, 16.	1.1	30
88	Gait and balance deterioration over a 12-month period in multiple sclerosis patients with EDSS scores \geq 3.0. <i>NeuroRehabilitation</i> , 2017, 40, 277-284.	0.5	29
89	Common and Low Frequency Variants in MERTK Are Independently Associated with Multiple Sclerosis Susceptibility with Discordant Association Dependent upon HLA-DRB1*15:01 Status. <i>PLoS Genetics</i> , 2016, 12, e1005853.	1.5	29
90	Fine mapping of multiple sclerosis susceptibility genes provides evidence of allelic heterogeneity at the IL2RA locus. <i>Journal of Neuroimmunology</i> , 2009, 211, 105-109.	1.1	28

#	ARTICLE	IF	CITATIONS
91	Leukaemia inhibitory factor abrogates Paclitaxel-induced axonal atrophy in the Wistar rat. <i>Brain Research</i> , 2001, 911, 163-167.	1.1	27
92	SOCS3 negatively regulates LIF signaling in neural precursor cells. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 739-747.	1.0	27
93	Relapse Patterns in NMOSD: Evidence for Earlier Occurrence of Optic Neuritis and Possible Seasonal Variation. <i>Frontiers in Neurology</i> , 2020, 11, 537.	1.1	27
94	Rat oligodendroglia express c-met and focal adhesion kinase, protein tyrosine kinases implicated in regulating epithelial cell motility. <i>Neuroscience Letters</i> , 2000, 279, 5-8.	1.0	26
95	Control of visually guided saccades in multiple sclerosis: Disruption to higher-order processes. <i>Neuropsychologia</i> , 2009, 47, 1647-1653.	0.7	26
96	Axonally derived matrilin-2 induces proinflammatory responses that exacerbate autoimmune neuroinflammation. <i>Journal of Clinical Investigation</i> , 2014, 124, 5042-5056.	3.9	26
97	CD127 immunophenotyping suggests altered CD4+ T cell regulation in primary progressive multiple sclerosis. <i>Journal of Autoimmunity</i> , 2008, 31, 52-58.	3.0	25
98	Longitudinal Assessment of Antisaccades in Patients with Multiple Sclerosis. <i>PLoS ONE</i> , 2012, 7, e30475.	1.1	25
99	EphA4 Receptor Tyrosine Kinase Is a Modulator of Onset and Disease Severity of Experimental Autoimmune Encephalomyelitis (EAE). <i>PLoS ONE</i> , 2013, 8, e55948.	1.1	25
100	Leukemia Inhibitory Factor Protects Axons in Experimental Autoimmune Encephalomyelitis via an Oligodendrocyte-Independent Mechanism. <i>PLoS ONE</i> , 2012, 7, e47379.	1.1	24
101	The differentiation and survival of murine neurons in vitro is promoted by soluble factors produced by an astrocytic cell line. <i>Journal of Neuroscience Research</i> , 1993, 35, 147-161.	1.3	23
102	Interleukin-2 receptor-1 α proximal promoter hypomethylation is associated with multiple sclerosis. <i>Genes and Immunity</i> , 2017, 18, 59-66.	2.2	23
103	Therapeutic approaches to disease modifying therapy for multiple sclerosis in adults: An Australian and New Zealand perspective Part 2 New and emerging therapies and their efficacy. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1847-1856.	0.8	22
104	A small peptide mimetic of brain-derived neurotrophic factor promotes peripheral myelination. <i>Journal of Neurochemistry</i> , 2013, 125, 386-398.	2.1	21
105	Parallel Changes in Structural and Functional Measures of Optic Nerve Myelination after Optic Neuritis. <i>PLoS ONE</i> , 2015, 10, e0121084.	1.1	21
106	Reported Changes in Dietary Behavior Following a First Clinical Diagnosis of Central Nervous System Demyelination. <i>Frontiers in Neurology</i> , 2018, 9, 161.	1.1	21
107	Resequencing and fine-mapping of the chromosome 12q13-14 locus associated with multiple sclerosis refines the number of implicated genes. <i>Human Molecular Genetics</i> , 2013, 22, 2283-2292.	1.4	20
108	On the utility of data from the International HapMap Project for Australian association studies. <i>Human Genetics</i> , 2006, 119, 220-222.	1.8	19

#	ARTICLE	IF	CITATIONS
109	Therapeutic approaches to disease modifying therapy for multiple sclerosis in adults: An Australian and New Zealand perspective Part 3 Treatment practicalities and recommendations. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1857-1865.	0.8	19
110	Inhibitory saccadic dysfunction is associated with cerebellar injury in multiple sclerosis. <i>Human Brain Mapping</i> , 2014, 35, 2310-2319.	1.9	18
111	The TAM receptor TYRO3 is a critical regulator of myelin thickness in the central nervous system. <i>Glia</i> , 2018, 66, 2209-2220.	2.5	18
112	Oligodendrocyte positioning in cerebral cortex is independent of projection neuron layering. <i>Glia</i> , 2009, 57, 1024-1030.	2.5	17
113	Occupational Exposure and Risk of Central Nervous System Demyelination. <i>American Journal of Epidemiology</i> , 2013, 177, 954-961.	1.6	17
114	Early-life hygiene-related factors affect risk of central nervous system demyelination and asthma differentially. <i>Clinical and Experimental Immunology</i> , 2013, 172, 466-474.	1.1	17
115	The clinical profile of NMOSD in Australia and New Zealand. <i>Journal of Neurology</i> , 2020, 267, 1431-1443.	1.8	17
116	Growth factors: potential therapeutic applications in neurology.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994, 57, 1445-1450.	0.9	16
117	Optic Nerve Magnetisation Transfer Ratio after Acute Optic Neuritis Predicts Axonal and Visual Outcomes. <i>PLoS ONE</i> , 2012, 7, e52291.	1.1	16
118	A Brain-Derived Neurotrophic Factor-Based p75 ^{NTR} Peptide Mimetic Ameliorates Experimental Autoimmune Neuritis Induced Axonal Pathology and Demyelination. <i>ENeuro</i> , 2017, 4, ENEURO.0142-17.2017.	0.9	16
119	Therapeutic approaches to disease modifying therapy for multiple sclerosis in adults: An Australian and New Zealand perspective Part 1 Historical and established therapies. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1835-1846.	0.8	15
120	Acute median nerve compression by haemorrhage from acute myelomonocytic leukaemia. <i>Medical Journal of Australia</i> , 1985, 142, 51-52.	0.8	14
121	Adherence to <sc>MRI</sc> protocol consensus guidelines in multiple sclerosis: An <sc>A</sc>ustralian multi-centre study. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2012, 56, 594-598.	0.9	14
122	Amine oxidase activity of Î²-amyloid precursor protein modulates systemic and local catecholamine levels. <i>Molecular Psychiatry</i> , 2013, 18, 245-254.	4.1	14
123	Stressful life events and the risk of initial central nervous system demyelination. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1000-1007.	1.4	14
124	Higher Non-processed Red Meat Consumption Is Associated With a Reduced Risk of Central Nervous System Demyelination. <i>Frontiers in Neurology</i> , 2019, 10, 125.	1.1	14
125	The engraftment of transplanted primary neuroepithelial cells within the postnatal mouse brain. <i>Neuroscience Letters</i> , 1994, 181, 129-133.	1.0	13
126	Lineage specification of neuronal precursors in the mouse spinal cord.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 10079-10083.	3.3	13

#	ARTICLE	IF	CITATIONS
127	Analysis of extended HLA haplotypes in multiple sclerosis and narcolepsy families confirms a predisposing effect for the class I region in Tasmanian MS patients. <i>Immunogenetics</i> , 2007, 59, 177-186.	1.2	13
128	Neurotrophin receptor homolog α 2 regulates nerve growth factor signaling. <i>Journal of Neurochemistry</i> , 2008, 106, 1964-1976.	2.1	13
129	Diffusion tensor imaging of acute inflammatory lesion evolution in multiple sclerosis. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1689-1694.	0.8	13
130	Galanin is an autocrine myelin and oligodendrocyte trophic signal induced by leukemia inhibitory factor. <i>Glia</i> , 2015, 63, 1005-1020.	2.5	13
131	Investigation of Sequential Growth Factor Delivery during Cuprizone Challenge in Mice Aimed to Enhance Oligodendroglionogenesis and Myelin Repair. <i>PLoS ONE</i> , 2013, 8, e63415.	1.1	13
132	REGULATION OF NEURAL PRECURSOR DIFFERENTIATION IN THE EMBRYONIC AND ADULT FOREBRAIN. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, 559-562.	0.9	12
133	Serial MRI in multiple sclerosis: a prospective pilot study of lesion load, whole brain volume and thalamic atrophy. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 153-158.	0.8	12
134	Short-term effects of methylprednisolone on cerebral volume in multiple sclerosis relapses. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 636-638.	0.8	12
135	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , 2019, 101, 365-369.	3.8	11
136	Oligodendrocytes exhibit selective expression of suppressor of cytokine signaling genes and signal transducer and activator of transcription 1 independent inhibition of interferon-gamma-induced toxicity in response to leukemia inhibitory factor. <i>Neuroscience</i> , 2006, 137, 463-472.	1.1	10
137	A new era in the treatment of multiple sclerosis. <i>Medical Journal of Australia</i> , 2015, 203, 139-141.	0.8	10
138	High Prudent diet factor score predicts lower relapse hazard in early multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1112-1124.	1.4	10
139	Case Report: Confirmation by Metagenomic Sequencing of Visceral Leishmaniasis in an Immunosuppressed Returned Traveler. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1930-1933.	0.6	9
140	Onset Symptoms, Tobacco Smoking, and Progressive-Onset Phenotype Are Associated With a Delayed Onset of Multiple Sclerosis, and Marijuana Use With an Earlier Onset. <i>Frontiers in Neurology</i> , 2018, 9, 418.	1.1	8
141	Evaluating the perspective of patients with MS and related conditions on their DMT in relation to the COVID-19 pandemic in one MS centre in Australia. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 46, 102516.	0.9	8
142	Increased ankle muscle coactivation in the early stages of multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2020, 6, 205521732090587.	0.5	8
143	Multiple Sclerosis: Basic and Clinical. <i>Advances in Neurobiology</i> , 2017, 15, 211-252.	1.3	7
144	Association Between Cognitive Trajectories and Disability Progression in Patients With Relapsing-Remitting Multiple Sclerosis. <i>Neurology</i> , 2021, 97, e2020-e2031.	1.5	7

#	ARTICLE	IF	CITATIONS
145	Influence of methylprednisolone on magnetic resonance and histological measures during cuprizone-induced demyelination. <i>Neuroscience Letters</i> , 2010, 483, 47-52.	1.0	6
146	Prospects for stem cell transplantation in multiple sclerosis. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 361-367.	0.8	5
147	A Functional and Neuropathological Testing Paradigm Reveals New Disability-Based Parameters and Histological Features for P0180â€“190-Induced Experimental Autoimmune Neuritis in C57BL/6 Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, nlw110.	0.9	5
148	MonoMac syndrome with associated neurological deficits and longitudinally extensive cord lesion. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-222872.	0.2	5
149	Dysequilibrium of the PTH-FGF23-vitamin D axis in relapsing remitting multiple sclerosis; a longitudinal study. <i>Molecular Medicine</i> , 2018, 24, 27.	1.9	5
150	Comparison of the effectiveness of a tailored cognitive behavioural therapy with a supportive listening intervention for depression in those newly diagnosed with multiple sclerosis (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 542 Td Trials, 2020, 21, 100.	0.7	5
151	Neuroglial responses to CNS injury: prospects for novel therapeutics. <i>Expert Review of Neurotherapeutics</i> , 2004, 4, 869-878.	1.4	3
152	Ceruloplasmin geneâ€“deficient mice with experimental autoimmune encephalomyelitis show attenuated early disease evolution. <i>Journal of Neuroscience Research</i> , 2014, 92, 732-742.	1.3	3
153	Multiple Sclerosis as a Syndromeâ€”Implications for Future Management. <i>Frontiers in Neurology</i> , 2020, 11, 784.	1.1	3
154	Subjective versus objective performance in people with multiple sclerosis using the MSReactor computerised cognitive tests.. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 58, 103393.	0.9	3
155	Immunosuppressive therapy is valuable in aggressive Multiple Sclerosis. <i>Journal of Clinical Neuroscience</i> , 2000, 7, 561-563.	0.8	2
156	Measurement of intracellular cytokines in MS patients treated with Î²-interferon and association of a Î²-interferon induced exacerbation with increased expression of Î³-interferon by monocytes. <i>Journal of Clinical Neuroscience</i> , 2001, 8, 434-436.	0.8	2
157	Role of the inflammatory process in traumatic brain damage. , 2009, , 185-200.		2
158	Early imaging predictors of longer term multiple sclerosis risk and severity in acute optic neuritis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019, 5, 205521731986312.	0.5	2
159	Autoimmune Encephalitis in Long-Standing Schizophrenia: A Case Report. <i>Frontiers in Neurology</i> , 2021, 12, 810926.	1.1	2
160	Brain inflammation during bacterial meningitis. , 0, , 161-172.		1
161	Neuro-inflammation. , 0, , 245-260.		1
162	The MSReactor computerized cognitive battery correlates with the processing speed test in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 43, 102212.	0.9	1

#	ARTICLE	IF	CITATIONS
163	The stretcher spontaneous neurodegenerative mutation models Charcot-Marie-Tooth disease type 4D. F1000Research, 2013, 2, 46.	0.8	1
164	Microglia. , 0, , 15-26.		0
165	The role of dendritic cells in neuro-inflammation. , 0, , 27-34.		0
166	Negotiating the brain barriers. , 0, , 35-46.		0
167	CD8+ T cell-mediated autoimmune diseases of the CNS. , 0, , 87-96.		0
168	Acute disseminated encephalomyelitis. , 0, , 97-108.		0
169	Primary angiitis of the CNS and its mimics. , 0, , 109-124.		0
170	Chronic HIV infection of the CNS. , 0, , 137-160.		0
171	Parasitic infections of the brain. , 0, , 173-184.		0
172	Role of immunomodulation in management of infections of the CNS. , 0, , 221-244.		0
173	JC virus conversion rates in natalizumab treated patients: the melbourne longitudinal cohort study. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, e1.15-e1.	0.9	0
174	An Experimental Investigation of White Matter Venous Hemodynamics: Basic Physiology and Disruption in Neuroinflammatory Disease. Frontiers in Neurology, 2020, 11, 476.	1.1	0
175	072â€¦Impact of telehealth on multiple sclerosis (MS) outpatient clinics during the COVID-19 pandemic. , 2021, , .		0
176	011â€¦Worsening longitudinal reaction time trajectories using the MSReactor computerised battery predicts confirmed EDSS progression. , 2021, , .		0