

Gianvito Martino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241
papers

14,758
citations

62
h-index

115
g-index

263
ext. papers

16,686
ext. citations

7.7
avg, IF

6.14
L-index

#	Paper	IF	Citations
241	Injection of adult neurospheres induces recovery in a chronic model of multiple sclerosis. <i>Nature</i> , 2003 , 422, 688-94	50.4	936
240	Microglia activated by IL-4 or IFN-gamma differentially induce neurogenesis and oligodendrogenesis from adult stem/progenitor cells. <i>Molecular and Cellular Neurosciences</i> , 2006 , 31, 149-60	4.8	689
239	Neurosphere-derived multipotent precursors promote neuroprotection by an immunomodulatory mechanism. <i>Nature</i> , 2005 , 436, 266-71	50.4	659
238	The therapeutic potential of neural stem cells. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 395-406	13.5	596
237	Infiltrating blood-derived macrophages are vital cells playing an anti-inflammatory role in recovery from spinal cord injury in mice. <i>PLoS Medicine</i> , 2009 , 6, e1000113	11.6	551
236	Delayed post-ischaemic neuroprotection following systemic neural stem cell transplantation involves multiple mechanisms. <i>Brain</i> , 2009 , 132, 2239-51	11.2	286
235	Magnetization transfer changes in the normal appearing white matter precede the appearance of enhancing lesions in patients with multiple sclerosis. <i>Annals of Neurology</i> , 1998 , 43, 809-14	9.4	283
234	Inflammation triggers synaptic alteration and degeneration in experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience</i> , 2009 , 29, 3442-52	6.6	280
233	Leukocyte recruitment in the cerebrospinal fluid of mice with experimental meningitis is inhibited by an antibody to junctional adhesion molecule (JAM). <i>Journal of Experimental Medicine</i> , 1999 , 190, 1351-6	16.6	247
232	Cross-talk between neural stem cells and immune cells: the key to better brain repair?. <i>Nature Neuroscience</i> , 2012 , 15, 1078-87	25.5	245
231	Synergy between immune cells and adult neural stem/progenitor cells promotes functional recovery from spinal cord injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13174-9	11.5	236
230	Inhibition of Th1 development and treatment of chronic-relapsing experimental allergic encephalomyelitis by a non-hypercalcemic analogue of 1,25-dihydroxyvitamin D(3). <i>European Journal of Immunology</i> , 2000 , 30, 498-508	6.1	205
229	Myeloid microvesicles are a marker and therapeutic target for neuroinflammation. <i>Annals of Neurology</i> , 2012 , 72, 610-24	9.4	201
228	Persistent inflammation alters the function of the endogenous brain stem cell compartment. <i>Brain</i> , 2008 , 131, 2564-78	11.2	199
227	Brain regeneration in physiology and pathology: the immune signature driving therapeutic plasticity of neural stem cells. <i>Physiological Reviews</i> , 2011 , 91, 1281-304	47.9	171
226	Human neural stem cells ameliorate autoimmune encephalomyelitis in non-human primates. <i>Annals of Neurology</i> , 2009 , 66, 343-54	9.4	168
225	Early predictors of clinical outcomes of COVID-19 outbreak in Milan, Italy. <i>Clinical Immunology</i> , 2020 , 217, 108509	9	167

224	Transplanted neural stem/precursor cells instruct phagocytes and reduce secondary tissue damage in the injured spinal cord. <i>Brain</i> , 2012 , 135, 447-60	11.2	165
223	Intrathecal delivery of IFN-gamma protects C57BL/6 mice from chronic-progressive experimental autoimmune encephalomyelitis by increasing apoptosis of central nervous system-infiltrating lymphocytes. <i>Journal of Immunology</i> , 2001 , 167, 1821-9	5.3	156
222	Interleukin-1 β causes synaptic hyperexcitability in multiple sclerosis. <i>Annals of Neurology</i> , 2012 , 71, 76-83	9.4	154
221	Stem cell transplantation in multiple sclerosis: current status and future prospects. <i>Nature Reviews Neurology</i> , 2010 , 6, 247-55	15	153
220	The endocannabinoid system is dysregulated in multiple sclerosis and in experimental autoimmune encephalomyelitis. <i>Brain</i> , 2007 , 130, 2543-53	11.2	151
219	Serum and CSF levels of MCP-1 and IP-10 in multiple sclerosis patients with acute and stable disease and undergoing immunomodulatory therapies. <i>Journal of Neuroimmunology</i> , 2001 , 115, 192-8	3.5	147
218	Reactive astrocytes and Wnt/ β -catenin signaling link nigrostriatal injury to repair in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2011 , 41, 508-27	7.5	142
217	The link between inflammation, synaptic transmission and neurodegeneration in multiple sclerosis. <i>Cell Death and Differentiation</i> , 2010 , 17, 1083-91	12.7	139
216	Neural stem cell transplantation in central nervous system disorders: from cell replacement to neuroprotection. <i>Current Opinion in Neurology</i> , 2012 , 25, 322-33	7.1	138
215	Elevated alpha-tumor necrosis factor levels in spinal fluid from HIV-1-infected patients with central nervous system involvement. <i>Annals of Neurology</i> , 1991 , 29, 21-5	9.4	131
214	Developmentally coordinated extrinsic signals drive human pluripotent stem cell differentiation toward authentic DARPP-32+ medium-sized spiny neurons. <i>Development (Cambridge)</i> , 2013 , 140, 301-12	6.6	129
213	Neural progenitor cells orchestrate microglia migration and positioning into the developing cortex. <i>Nature Communications</i> , 2014 , 5, 5611	17.4	128
212	Inflammation in multiple sclerosis: the good, the bad, and the complex. <i>Lancet Neurology</i> , 2002 , 1, 499-509	24.1	124
211	Activation of invariant NKT cells by alphaGalCer administration protects mice from MOG35-55-induced EAE: critical roles for administration route and IFN-gamma. <i>European Journal of Immunology</i> , 2003 , 33, 1830-8	6.1	118
210	Fingolimod may support neuroprotection via blockade of astrocyte nitric oxide. <i>Annals of Neurology</i> , 2014 , 76, 325-37	9.4	110
209	Immunopathogenesis of multiple sclerosis: the role of T cells. <i>Current Opinion in Neurology</i> , 1999 , 12, 309-21	7.1	110
208	Immune regulatory neural stem/precursor cells protect from central nervous system autoimmunity by restraining dendritic cell function. <i>PLoS ONE</i> , 2009 , 4, e5959	3.7	108
207	Genetically induced adult oligodendrocyte cell death is associated with poor myelin clearance, reduced remyelination, and axonal damage. <i>Journal of Neuroscience</i> , 2011 , 31, 1069-80	6.6	108

206	Heterogeneity of autoantibodies in stiff-man syndrome. <i>Annals of Neurology</i> , 1993 , 34, 57-64	9.4	106
205	Similar low frequency of anti-MOG IgG and IgM in MS patients and healthy subjects. <i>Neurology</i> , 2004 , 62, 2092-4	6.5	103
204	Magnetic-resonance-based tracking and quantification of intravenously injected neural stem cell accumulation in the brains of mice with experimental multiple sclerosis. <i>Stem Cells</i> , 2007 , 25, 2583-92	5.8	102
203	Fibroblast growth factor-II gene therapy reverts the clinical course and the pathological signs of chronic experimental autoimmune encephalomyelitis in C57BL/6 mice. <i>Gene Therapy</i> , 2001 , 8, 1207-13	4	101
202	IL-12 is involved in the induction of experimental autoimmune myasthenia gravis, an antibody-mediated disease. <i>European Journal of Immunology</i> , 1998 , 28, 2487-97	6.1	99
201	Vaccination with amyloid-beta peptide induces autoimmune encephalomyelitis in C57/BL6 mice. <i>Brain</i> , 2003 , 126, 285-91	11.2	99
200	Neural stem/precursor cells for the treatment of ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2008 , 265, 73-7	3.2	95
199	Exercise attenuates the clinical, synaptic and dendritic abnormalities of experimental autoimmune encephalomyelitis. <i>Neurobiology of Disease</i> , 2009 , 36, 51-9	7.5	90
198	Tumor necrosis factor is elevated in progressive multiple sclerosis and causes excitotoxic neurodegeneration. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 304-12	5	89
197	Animal models of multiple sclerosis. <i>Methods in Molecular Biology</i> , 2009 , 549, 157-73	1.4	89
196	Occurrence and clinical relevance of an interleukin-4 gene polymorphism in patients with multiple sclerosis. <i>Journal of Neuroimmunology</i> , 1997 , 76, 189-92	3.5	87
195	Neural stem cells and their use as therapeutic tool in neurological disorders. <i>Brain Research Reviews</i> , 2005 , 48, 211-9		87
194	iPSC-derived neural precursors exert a neuroprotective role in immune-mediated demyelination via the secretion of LIF. <i>Nature Communications</i> , 2013 , 4, 2597	17.4	85
193	Safety and efficacy of transcranial direct current stimulation in acute experimental ischemic stroke. <i>Stroke</i> , 2013 , 44, 3166-74	6.7	80
192	Neuroinflammation drives anxiety and depression in relapsing-remitting multiple sclerosis. <i>Neurology</i> , 2017 , 89, 1338-1347	6.5	79
191	IL4 gene delivery to the CNS recruits regulatory T cells and induces clinical recovery in mouse models of multiple sclerosis. <i>Gene Therapy</i> , 2008 , 15, 504-15	4	79
190	How the brain repairs itself: new therapeutic strategies in inflammatory and degenerative CNS disorders. <i>Lancet Neurology</i> , 2004 , 3, 372-8	24.1	77
189	Impaired striatal GABA transmission in experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 947-56	16.6	76

188	Tumor necrosis factor in serum and cerebrospinal fluid of patients with multiple sclerosis. <i>Annals of Neurology</i> , 1989 , 26, 787-9	9.4	76
187	Rapamycin inhibits relapsing experimental autoimmune encephalomyelitis by both effector and regulatory T cells modulation. <i>Journal of Neuroimmunology</i> , 2010 , 220, 52-63	3.5	75
186	Multifaceted aspects of inflammation in multiple sclerosis: the role of microglia. <i>Journal of Neuroimmunology</i> , 2007 , 191, 39-44	3.5	73
185	Central nervous system gene therapy with interleukin-4 inhibits progression of ongoing relapsing-remitting autoimmune encephalomyelitis in Biozzi AB/H mice. <i>Gene Therapy</i> , 2001 , 8, 13-9	4	73
184	IL4 induces IL6-producing M2 macrophages associated to inhibition of neuroinflammation in vitro and in vivo. <i>Journal of Neuroinflammation</i> , 2016 , 13, 139	10.1	72
183	Central nervous system delivery of interleukin 4 by a nonreplicative herpes simplex type 1 viral vector ameliorates autoimmune demyelination. <i>Human Gene Therapy</i> , 1998 , 9, 2605-17	4.8	70
182	Interferon-beta treatment in multiple sclerosis patients decreases the number of circulating T cells producing interferon-gamma and interleukin-4. <i>Journal of Neuroimmunology</i> , 2000 , 111, 86-92	3.5	64
181	The therapeutic plasticity of neural stem/precursor cells in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2008 , 265, 105-10	3.2	63
180	Guidelines for autologous blood and marrow stem cell transplantation in multiple sclerosis: a consensus report written on behalf of the European Group for Blood and Marrow Transplantation and the European Charcot Foundation. BMT-MS Study Group. <i>Journal of Neurology</i> , 2000 , 247, 376-82	5.5	63
179	Myeloid microvesicles in cerebrospinal fluid are associated with myelin damage and neuronal loss in mild cognitive impairment and Alzheimer disease. <i>Annals of Neurology</i> , 2014 , 76, 813-25	9.4	62
178	Autologous stem cell transplantation as rescue therapy in malignant forms of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2005 , 11, 367-71	5	62
177	Method for intracellular magnetic labeling of human mononuclear cells using approved iron contrast agents. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 1521-3	3.3	62
176	The fate of human peripheral blood lymphocytes after transplantation into SCID mice. <i>European Journal of Immunology</i> , 1993 , 23, 1023-8	6.1	62
175	A pilot trial of low-dose naltrexone in primary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008 , 14, 1076-83	5	61
174	Mechanisms of cognitive dysfunction in CKD. <i>Nature Reviews Nephrology</i> , 2020 , 16, 452-469	14.9	60
173	Interleukin-1 β promotes long-term potentiation in patients with multiple sclerosis. <i>NeuroMolecular Medicine</i> , 2014 , 16, 38-51	4.6	60
172	Identification of peptides specific for cerebrospinal fluid antibodies in multiple sclerosis by using phage libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 11063-7	11.5	58
171	Neural Stem Cell Transplantation Induces Stroke Recovery by Upregulating Glutamate Transporter GLT-1 in Astrocytes. <i>Journal of Neuroscience</i> , 2016 , 36, 10529-10544	6.6	57

170	Cerebrospinal fluid detection of interleukin-1 β in phase of remission predicts disease progression in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2014 , 11, 32	10.1	57
169	Interleukin-1 β causes excitotoxic neurodegeneration and multiple sclerosis disease progression by activating the apoptotic protein p53. <i>Molecular Neurodegeneration</i> , 2014 , 9, 56	19	57
168	Anti-aquaporin 4 antibodies detection by different techniques in neuromyelitis optica patients. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 1153-63	5	57
167	Synaptic plasticity and PDGF signaling defects underlie clinical progression in multiple sclerosis. <i>Journal of Neuroscience</i> , 2013 , 33, 19112-9	6.6	56
166	Cannabinoid CB1 receptors regulate neuronal TNF- α effects in experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 1242-8	16.6	56
165	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. <i>Brain</i> , 2012 , 135, 3320-35	11.2	56
164	Cell-based remyelinating therapies in multiple sclerosis: evidence from experimental studies. <i>Current Opinion in Neurology</i> , 2004 , 17, 247-55	7.1	56
163	Oral fingolimod rescues the functional deficits of synapses in experimental autoimmune encephalomyelitis. <i>British Journal of Pharmacology</i> , 2012 , 165, 861-9	8.6	55
162	Regeneration and repair in multiple sclerosis: the role of cell transplantation. <i>Neuroscience Letters</i> , 2009 , 456, 101-6	3.3	55
161	IL-17- and IFN- γ -secreting Foxp3 $^+$ T cells infiltrate the target tissue in experimental autoimmunity. <i>Journal of Immunology</i> , 2010 , 185, 7467-73	5.3	54
160	The ependymal route to the CNS: an emerging gene-therapy approach for MS. <i>Trends in Immunology</i> , 2001 , 22, 483-90	14.4	54
159	Extracellular Vesicles Containing IL-4 Modulate Neuroinflammation in a Mouse Model of Multiple Sclerosis. <i>Molecular Therapy</i> , 2018 , 26, 2107-2118	11.7	52
158	Increased M1/decreased M2 signature and signs of Th1/Th2 shift in chronic patients with bipolar disorder, but not in those with schizophrenia. <i>Translational Psychiatry</i> , 2014 , 4, e406	8.6	52
157	Delivery to the central nervous system of a nonreplicative herpes simplex type 1 vector engineered with the interleukin 4 gene protects rhesus monkeys from hyperacute autoimmune encephalomyelitis. <i>Human Gene Therapy</i> , 2001 , 12, 905-20	4.8	52
156	Peripheral levels of caspase-1 mRNA correlate with disease activity in patients with multiple sclerosis; a preliminary study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999 , 67, 785-8	5.5	52
155	Cytokines and immunity in multiple sclerosis: the dual signal hypothesis. <i>Journal of Neuroimmunology</i> , 2000 , 109, 3-9	3.5	51
154	T regulatory cells are markers of disease activity in multiple sclerosis patients. <i>PLoS ONE</i> , 2011 , 6, e21386	6.7	51
153	Activated macrophages release microvesicles containing polarized M1 or M2 mRNAs. <i>Journal of Leukocyte Biology</i> , 2014 , 95, 817-825	6.5	49

152	The therapeutic use of stem cells for myelin repair in autoimmune demyelinating disorders. <i>Journal of the Neurological Sciences</i> , 2005 , 233, 117-9	3.2	48
151	Molecular and functional definition of the developing human striatum. <i>Nature Neuroscience</i> , 2014 , 17, 1804-15	25.5	47
150	Autosomal dominant cerebellar ataxia type I: multimodal electrophysiological study and comparison between SCA1 and SCA2 patients. <i>Journal of the Neurological Sciences</i> , 1996 , 142, 45-53	3.2	47
149	Autoantibodies to glutamic acid decarboxylase (GAD) detected by an immuno-trapping enzyme activity assay: relation to insulin-dependent diabetes mellitus and islet cell antibodies. <i>Journal of Autoimmunity</i> , 1991 , 4, 915-23	15.5	47
148	Bilateral eighth cranial nerve neuropathy in human immunodeficiency virus infection. <i>Journal of Neurology</i> , 1993 , 240, 363-6	5.5	46
147	Tumor necrosis factor alpha and its receptors in relapsing-remitting multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1997 , 152, 51-61	3.2	44
146	Immunotherapy for neurological diseases. <i>Clinical Immunology</i> , 2008 , 128, 294-305	9	42
145	Potential role of IL-13 in neuroprotection and cortical excitability regulation in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 1301-12	5	41
144	Proinflammatory cytokines regulate antigen-independent T-cell activation by two separate calcium-signaling pathways in multiple sclerosis patients. <i>Annals of Neurology</i> , 1998 , 43, 340-9	9.4	41
143	Convergence between Microglia and Peripheral Macrophages Phenotype during Development and Neuroinflammation. <i>Journal of Neuroscience</i> , 2020 , 40, 784-795	6.6	41
142	Cytokine therapy in immune-mediated demyelinating diseases of the central nervous system: a novel gene therapy approach. <i>Journal of Neuroimmunology</i> , 2000 , 107, 184-90	3.5	40
141	Laquinimod prevents inflammation-induced synaptic alterations occurring in experimental autoimmune encephalomyelitis. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1084-94	5	39
140	Subclinical central inflammation is risk for RIS and CIS conversion to MS. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 1443-52	5	39
139	HSV-1-mediated IL-1 receptor antagonist gene therapy ameliorates MOG(35-55)-induced experimental autoimmune encephalomyelitis in C57BL/6 mice. <i>Gene Therapy</i> , 2007 , 14, 93-8	4	39
138	Neurogenic and non-neurogenic functions of endogenous neural stem cells. <i>Frontiers in Neuroscience</i> , 2014 , 8, 92	5.1	38
137	A multi-element psychosocial intervention for early psychosis (GET UP PIANO TRIAL) conducted in a catchment area of 10 million inhabitants: study protocol for a pragmatic cluster randomized controlled trial. <i>Trials</i> , 2012 , 13, 73	2.8	38
136	Effector pathways in immune mediated central nervous system demyelination. <i>Current Opinion in Neurology</i> , 1999 , 12, 323-36	7.1	38
135	Interleukin 4 modulates microglia homeostasis and attenuates the early slowly progressive phase of amyotrophic lateral sclerosis. <i>Cell Death and Disease</i> , 2018 , 9, 250	9.8	36

134	MiR-30e and miR-181d control radial glia cell proliferation via HtrA1 modulation. <i>Cell Death and Disease</i> , 2012 , 3, e360	9.8	36
133	Immunological patterns identifying disease course and evolution in multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2005 , 165, 192-200	3.5	36
132	Allogeneic hematopoietic stem cell transplantation for neuromyelitis optica. <i>Annals of Neurology</i> , 2014 , 75, 447-53	9.4	35
131	Abnormal NMDA receptor function exacerbates experimental autoimmune encephalomyelitis. <i>British Journal of Pharmacology</i> , 2013 , 168, 502-17	8.6	33
130	Intracellular Ca ²⁺ stores of T lymphocytes: changes induced by in vitro and in vivo activation. <i>European Journal of Immunology</i> , 1994 , 24, 1365-71	6.1	32
129	Cells producing antibodies specific for myelin basic protein region 70-89 are predominant in cerebrospinal fluid from patients with multiple sclerosis. <i>European Journal of Immunology</i> , 1991 , 21, 2971-6	6.1	32
128	Peripheral nerve morphogenesis induced by scaffold micropatterning. <i>Biomaterials</i> , 2014 , 35, 4035-4045	5.6	31
127	Characterization of immune cell subsets during the active phase of multiple sclerosis reveals disease and c-Jun N-terminal kinase pathway biomarkers. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 43-56	5	31
126	Wnt signaling has opposing roles in the developing and the adult brain that are modulated by Hipk1. <i>Cerebral Cortex</i> , 2012 , 22, 2415-27	5.1	31
125	Neural Stem Cell Plasticity: Advantages in Therapy for the Injured Central Nervous System. <i>Frontiers in Cell and Developmental Biology</i> , 2017 , 5, 52	5.7	30
124	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, 268-80	4.8	30
123	Persistent modification of forebrain networks and metabolism in rats following adolescent exposure to a 5-HT ₇ receptor agonist. <i>Psychopharmacology</i> , 2015 , 232, 75-89	4.7	29
122	RANTES correlates with inflammatory activity and synaptic excitability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1405-1412	5	29
121	Weighing brain activity with the balance: Angelo Mosso's original manuscripts come to light. <i>Brain</i> , 2014 , 137, 621-33	11.2	29
120	The human-severe combined immunodeficiency myasthenic mouse model: a new approach for the study of myasthenia gravis. <i>Annals of Neurology</i> , 1993 , 34, 48-56	9.4	29
119	Fine-Tuning of Sox17 and Canonical Wnt Coordinates the Permeability Properties of the Blood-Brain Barrier. <i>Circulation Research</i> , 2019 , 124, 511-525	15.7	28
118	MicroRNA expression profiles of human iPSCs differentiation into insulin-producing cells. <i>Acta Diabetologica</i> , 2017 , 54, 265-281	3.9	27
117	Neural precursor cell-secreted TGF- β redirects inflammatory monocyte-derived cells in CNS autoimmunity. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3937-3953	15.9	27

116	Abnormal activity of the Na/Ca exchanger enhances glutamate transmission in experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 1379-85	16.6	26
115	Endogenous remyelination: findings in human studies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 598-609	2.6	26
114	Siponimod (BAF312) Activates Nrf2 While Hampering NFB in Human Astrocytes, and Protects From Astrocyte-Induced Neurodegeneration. <i>Frontiers in Immunology</i> , 2020 , 11, 635	8.4	24
113	Monocytes P2X7 purinergic receptor is modulated by glatiramer acetate in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2012 , 245, 93-7	3.5	24
112	Co-graft of allogeneic immune regulatory neural stem cells (NPC) and pancreatic islets mediates tolerance, while inducing NPC-derived tumors in mice. <i>PLoS ONE</i> , 2010 , 5, e10357	3.7	24
111	A nitric oxide releasing derivative of flurbiprofen inhibits experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2004 , 150, 10-9	3.5	24
110	Cytokine gene delivery into the central nervous system using intrathecally injected nonreplicative viral vectors. <i>Methods in Molecular Biology</i> , 2003 , 215, 279-89	1.4	24
109	Cytokine gene therapy of autoimmune demyelination revisited using herpes simplex virus type-1-derived vectors. <i>Gene Therapy</i> , 2000 , 7, 1087-93	4	23
108	Skin-derived neural precursors competitively generate functional myelin in adult demyelinated mice. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3642-56	15.9	23
107	Therapeutic Plasticity of Neural Stem Cells. <i>Frontiers in Neurology</i> , 2020 , 11, 148	4.1	23
106	Autologous bone marrow transplantation for the treatment of multiple sclerosis. <i>Current Neurology and Neuroscience Reports</i> , 2014 , 14, 478	6.6	22
105	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	6.6	21
104	Therapeutic stem cell plasticity orchestrates tissue plasticity. <i>Brain</i> , 2011 , 134, 1585-7	11.2	21
103	Commonalities in immune modulation between mesenchymal stem cells (MSCs) and neural stem/precursor cells (NPCs). <i>Immunology Letters</i> , 2015 , 168, 228-39	4.1	20
102	Administration of a monomeric CCL2 variant to EAE mice inhibits inflammatory cell recruitment and protects from demyelination and axonal loss. <i>Journal of Neuroimmunology</i> , 2009 , 209, 33-9	3.5	20
101	Antibodies to 125I-glutamic acid decarboxylase in patients with stiff man syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1997 , 62, 395-7	5.5	20
100	Immunological markers in multiple sclerosis. <i>Neurological Sciences</i> , 2000 , 21, S871-5	3.5	20
99	Lesion stage-dependent causes for impaired remyelination in MS. <i>Acta Neuropathologica</i> , 2020 , 140, 359-375	14.3	20

98	Extrinsic immune cell-derived, but not intrinsic oligodendroglial factors contribute to oligodendroglial differentiation block in multiple sclerosis. <i>Acta Neuropathologica</i> , 2020 , 140, 715-736	14.3	20
97	Dysregulation of MS risk genes and pathways at distinct stages of disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017 , 4, e337	9.1	19
96	IL-27, but not IL-35, inhibits neuroinflammation through modulating GM-CSF expression. <i>Scientific Reports</i> , 2017 , 7, 16547	4.9	19
95	In vivo evidence of hippocampal dentate gyrus expansion in multiple sclerosis. <i>Human Brain Mapping</i> , 2015 , 36, 4702-13	5.9	18
94	Myeloid cells as target of fingolimod action in multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015 , 2, e157	9.1	18
93	Down-sizing of neuronal network activity and density of presynaptic terminals by pathological acidosis are efficiently prevented by Diminazene Aceturate. <i>Brain, Behavior, and Immunity</i> , 2015 , 45, 263-76	16.6	18
92	Clinico-pathological findings in a patient with progressive cerebellar ataxia, autoimmune polyendocrine syndrome, hepatocellular carcinoma and anti-GAD autoantibodies. <i>Journal of the Neurological Sciences</i> , 2010 , 290, 148-9	3.2	18
91	Neural stem cell-mediated immunomodulation: repairing the haemorrhagic brain. <i>Brain</i> , 2008 , 131, 604-5	5.2	18
90	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018 , 47, 592-607.e6	10.2	18
89	Lentiviral-mediated administration of IL-25 in the CNS induces alternative activation of microglia. <i>Gene Therapy</i> , 2013 , 20, 487-96	4	17
88	Autoimmune myasthenia gravis with thymoma following the spontaneous remission of stiff-man syndrome. <i>Italian Journal of Neurological Sciences</i> , 1990 , 11, 177-80		17
87	Microglia in Neuroinflammation and Neurodegeneration: From Understanding to Therapy. <i>Frontiers in Neuroscience</i> , 2021 , 15, 742065	5.1	17
86	Growth factors and synaptic plasticity in relapsing-remitting multiple sclerosis. <i>NeuroMolecular Medicine</i> , 2014 , 16, 490-8	4.6	16
85	Angelo Mosso (1846-1910). <i>Journal of Neurology</i> , 2012 , 259, 2513-4	5.5	16
84	A magnetization transfer study of white matter in siblings of multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , 1997 , 147, 151-3	3.2	16
83	Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , 2020 , 11, 3848	17.4	16
82	Pulmonary Vascular Thrombosis in COVID-19 Pneumonia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 3631-3641	2.1	16
81	Grafted human pluripotent stem cell-derived cortical neurons integrate into adult human cortical neural circuitry. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 1365-1377	6.9	15

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