

Gianvito Martino

List of Publications by Year in Descending Order

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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 | Neutrophils predominate the immune signature of cerebral thrombi in COVID-19 stroke patients.. <i>Acta Neuropathologica Communications</i> , 2022 , 10, 14 | 7.3 | 1 |
| 240 | Neurogenesis and Viral Infection.. <i>Frontiers in Immunology</i> , 2022 , 13, 826091 | 8.4 | 2 |
| 239 | Microglia in Neuroinflammation and Neurodegeneration: From Understanding to Therapy. <i>Frontiers in Neuroscience</i> , 2021 , 15, 742065 | 5.1 | 17 |
| 238 | Chromatin Velocity reveals epigenetic dynamics by single-cell profiling of heterochromatin and euchromatin. <i>Nature Biotechnology</i> , 2021 , | 44.5 | 6 |
| 237 | Cerebral thrombi of cardioembolic etiology have an increased content of neutrophil extracellular traps. <i>Journal of the Neurological Sciences</i> , 2021 , 423, 117355 | 3.2 | 9 |
| 236 | One-step Reprogramming of Human Fibroblasts into Oligodendrocyte-like Cells by SOX10, OLIG2, and NKX6.2. <i>Stem Cell Reports</i> , 2021 , 16, 771-783 | 8 | 4 |
| 235 | Beneficial contribution of induced pluripotent stem cell-progeny to Connexin 47 dynamics during demyelination-remyelination. <i>Glia</i> , 2021 , 69, 1094-1109 | 9 | 1 |
| 234 | Acidosis, cognitive dysfunction and motor impairments in patients with kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2021 , | 4.3 | 4 |
| 233 | Generation of β Cells from iPSC of a MODY8 Patient with a Novel Mutation in the Carboxyl Ester Lipase (CEL) Gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e2322-e2333 | 5.6 | 2 |
| 232 | Fishing an anemone in the brain: embolized cardiac fibroelastoma revealed after stroke thrombectomy. <i>European Heart Journal</i> , 2021 , 42, 4094-4095 | 9.5 | |
| 231 | Albuminuria as a risk factor for mild cognitive impairment and dementia-what is the evidence?. <i>Nephrology Dialysis Transplantation</i> , 2021 , | 4.3 | 3 |
| 230 | The phenotypic convergence between microglia and peripheral macrophages during development and neuroinflammation paves the way for new therapeutic perspectives. <i>Neural Regeneration Research</i> , 2021 , 16, 635-637 | 4.5 | 3 |
| 229 | Pulmonary Vascular Thrombosis in COVID-19 Pneumonia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 , 35, 3631-3641 | 2.1 | 16 |
| 228 | Cognitive disorders in patients with chronic kidney disease: specificities of clinical assessment. <i>Nephrology Dialysis Transplantation</i> , 2021 , | 4.3 | 4 |
| 227 | Early predictors of clinical outcomes of COVID-19 outbreak in Milan, Italy. <i>Clinical Immunology</i> , 2020 , 217, 108509 | 9 | 167 |
| 226 | Mechanisms of cognitive dysfunction in CKD. <i>Nature Reviews Nephrology</i> , 2020 , 16, 452-469 | 14.9 | 60 |
| 225 | 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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| 224 | 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 |
| 223 | Multicentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from the Italian Stroke Organization (ISO) Basic Science network.. <i>BMJ Open Science</i> , 2020 , 4, e100063 | 4.6 | 5 |
| 222 | Endogenous neural precursor cells in health and disease. <i>Brain Research</i> , 2020 , 1730, 146619 | 3.7 | 12 |
| 221 | Convergence between Microglia and Peripheral Macrophages Phenotype during Development and Neuroinflammation. <i>Journal of Neuroscience</i> , 2020 , 40, 784-795 | 6.6 | 41 |
| 220 | Laquinimod Modulates Human Astrocyte Function and Dampens Astrocyte-Induced Neurotoxicity during Inflammation. <i>Molecules</i> , 2020 , 25, | 4.8 | 1 |
| 219 | Multiple sclerosis iPS-derived oligodendroglia conserve their properties to functionally interact with axons and glia in vivo. <i>Science Advances</i> , 2020 , 6, | 14.3 | 10 |
| 218 | Lesion stage-dependent causes for impaired remyelination in MS. <i>Acta Neuropathologica</i> , 2020 , 140, 359-375 | 14.3 | 20 |
| 217 | Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , 2020 , 11, 3848 | 17.4 | 16 |
| 216 | Dampened Immune Response After Early Recurrence of Ischemic Stroke. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1385-1387 | 15.1 | |
| 215 | 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 |
| 214 | Leukocyte Counts and Ratios Are Predictive of Stroke Outcome and Hemorrhagic Complications Independently of Infections. <i>Frontiers in Neurology</i> , 2020 , 11, 201 | 4.1 | 15 |
| 213 | Therapeutic Plasticity of Neural Stem Cells. <i>Frontiers in Neurology</i> , 2020 , 11, 148 | 4.1 | 23 |
| 212 | 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 |
| 211 | Intracisternal delivery of PEG-coated gold nanoparticles results in high brain penetrance and long-lasting stability. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 49 | 9.4 | 11 |
| 210 | 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 |
| 209 | Dynamic and Cell-Specific DACH1 Expression in Human Neocortical and Striatal Development. <i>Cerebral Cortex</i> , 2019 , 29, 2115-2124 | 5.1 | 5 |
| 208 | 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 |
| 207 | Selective killing of spinal cord neural stem cells impairs locomotor recovery in a mouse model of spinal cord injury. <i>Journal of Neuroinflammation</i> , 2018 , 15, 58 | 10.1 | 9 |

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|-----|---|------|----|
| 206 | Synapsin I deletion reduces neuronal damage and ameliorates clinical progression of experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2018 , 68, 197-210 | 16.6 | 2 |
| 205 | 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 |
| 204 | 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 |
| 203 | Differentiation of Sendai Virus-Reprogrammed iPSC into β Cells, Compared with Human Pancreatic Islets and Immortalized β Cell Line. <i>Cell Transplantation</i> , 2018 , 27, 1548-1560 | 4 | 9 |
| 202 | Dysregulation of MS risk genes and pathways at distinct stages of disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017 , 4, e337 | 9.1 | 19 |
| 201 | MicroRNA expression profiles of human iPSCs differentiation into insulin-producing cells. <i>Acta Diabetologica</i> , 2017 , 54, 265-281 | 3.9 | 27 |
| 200 | Neuroinflammation drives anxiety and depression in relapsing-remitting multiple sclerosis. <i>Neurology</i> , 2017 , 89, 1338-1347 | 6.5 | 79 |
| 199 | Transcriptional dysregulation of Interferome in experimental and human Multiple Sclerosis. <i>Scientific Reports</i> , 2017 , 7, 8981 | 4.9 | 12 |
| 198 | IL-27, but not IL-35, inhibits neuroinflammation through modulating GM-CSF expression. <i>Scientific Reports</i> , 2017 , 7, 16547 | 4.9 | 19 |
| 197 | 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 |
| 196 | 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 |
| 195 | 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 |
| 194 | Cell Line Macroarray: An Alternative High-Throughput Platform to Analyze hiPSC Lines. <i>Journal of Histochemistry and Cytochemistry</i> , 2016 , 64, 739-751 | 3.4 | 8 |
| 193 | Increased neuroplasticity and hippocampal microglia activation in a mice model of rapid antidepressant treatment. <i>Behavioural Brain Research</i> , 2016 , 311, 392-402 | 3.4 | 14 |
| 192 | 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 |
| 191 | RANTES correlates with inflammatory activity and synaptic excitability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1405-1412 | 5 | 29 |
| 190 | Persistent modification of forebrain networks and metabolism in rats following adolescent exposure to a 5-HT7 receptor agonist. <i>Psychopharmacology</i> , 2015 , 232, 75-89 | 4.7 | 29 |
| 189 | Subventricular zone neural progenitors reverse TNF-alpha effects in cortical neurons. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 166 | 8.3 | 2 |

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| 188 | In vivo evidence of hippocampal dentate gyrus expansion in multiple sclerosis. <i>Human Brain Mapping</i> , 2015 , 36, 4702-13 | 5.9 | 18 |
| 187 | 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 |
| 186 | Myeloid cells as target of fingolimod action in multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015 , 2, e157 | 9.1 | 18 |
| 185 | Subclinical central inflammation is risk for RIS and CIS conversion to MS. <i>Multiple Sclerosis Journal</i> , 2015 , 21, 1443-52 | 5 | 39 |
| 184 | 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 |
| 183 | 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 |
| 182 | Transplantation of Stem Cells to Treat Patients with Multiple Sclerosis. <i>Stem Cells and Cancer Stem Cells</i> , 2015 , 43-54 | | |
| 181 | Weighing brain activity with the balance: Angelo Mosso's original manuscripts come to light. <i>Brain</i> , 2014 , 137, 621-33 | 11.2 | 29 |
| 180 | Molecular and functional definition of the developing human striatum. <i>Nature Neuroscience</i> , 2014 , 17, 1804-15 | 25.5 | 47 |
| 179 | Interleukin-8 is associated with acute and persistent dysfunction after optic neuritis. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 1841-50 | 5 | 13 |
| 178 | Autologous bone marrow transplantation for the treatment of multiple sclerosis. <i>Current Neurology and Neuroscience Reports</i> , 2014 , 14, 478 | 6.6 | 22 |
| 177 | Tumor necrosis factor is elevated in progressive multiple sclerosis and causes excitotoxic neurodegeneration. <i>Multiple Sclerosis Journal</i> , 2014 , 20, 304-12 | 5 | 89 |
| 176 | Peripheral nerve morphogenesis induced by scaffold micropatterning. <i>Biomaterials</i> , 2014 , 35, 4035-4045 | 15.6 | 31 |
| 175 | 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 |
| 174 | Growth factors and synaptic plasticity in relapsing-remitting multiple sclerosis. <i>NeuroMolecular Medicine</i> , 2014 , 16, 490-8 | 4.6 | 16 |
| 173 | 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 |
| 172 | Fingolimod may support neuroprotection via blockade of astrocyte nitric oxide. <i>Annals of Neurology</i> , 2014 , 76, 325-37 | 9.4 | 110 |
| 171 | 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 |

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|-----|---|----------|
| 170 | Neurogenesis or non-neurogenesis: that is the question. <i>Journal of Clinical Investigation</i> , 2014 , 124, 970-35,9 | 12 |
| 169 | Neurogenic and non-neurogenic functions of endogenous neural stem cells. <i>Frontiers in Neuroscience</i> , 2014 , 8, 92 | 5.1 38 |
| 168 | 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 |
| 167 | Activated macrophages release microvesicles containing polarized M1 or M2 mRNAs. <i>Journal of Leukocyte Biology</i> , 2014 , 95, 817-825 | 6.5 49 |
| 166 | Allogeneic hematopoietic stem cell transplantation for neuromyelitis optica. <i>Annals of Neurology</i> , 2014 , 75, 447-53 | 9.4 35 |
| 165 | Neural progenitor cells orchestrate microglia migration and positioning into the developing cortex. <i>Nature Communications</i> , 2014 , 5, 5611 | 17.4 128 |
| 164 | Brain Repair: The Role of Endogenous and Transplanted Neural Stem Cells 2014 , 89-109 | |
| 163 | Interleukin-1 β promotes long-term potentiation in patients with multiple sclerosis. <i>NeuroMolecular Medicine</i> , 2014 , 16, 38-51 | 4.6 60 |
| 162 | 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 |
| 161 | Laquinimod prevents inflammation-induced synaptic alterations occurring in experimental autoimmune encephalomyelitis. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1084-94 | 5 39 |
| 160 | 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 |
| 159 | Abnormal NMDA receptor function exacerbates experimental autoimmune encephalomyelitis. <i>British Journal of Pharmacology</i> , 2013 , 168, 502-17 | 8.6 33 |
| 158 | Immune Modulation and Repair Following Neural Stem Cell Transplantation 2013 , 153-178 | |
| 157 | Proteomic identification of aldolase A as an autoantibody target in patients with atypical movement disorders. <i>Neurological Sciences</i> , 2013 , 34, 313-20 | 3.5 13 |
| 156 | Lentiviral-mediated administration of IL-25 in the CNS induces alternative activation of microglia. <i>Gene Therapy</i> , 2013 , 20, 487-96 | 4 17 |
| 155 | Synaptic plasticity and PDGF signaling defects underlie clinical progression in multiple sclerosis. <i>Journal of Neuroscience</i> , 2013 , 33, 19112-9 | 6.6 56 |
| 154 | Safety and efficacy of transcranial direct current stimulation in acute experimental ischemic stroke. <i>Stroke</i> , 2013 , 44, 3166-74 | 6.7 80 |
| 153 | Allogeneic Hematopoietic Stem Cell Transplantation For Severe Neuromyelitis Optica. <i>Blood</i> , 2013 , 122, 5539-5539 | 2.2 1 |

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| 152 | Monocytes P2X7 purinergic receptor is modulated by glatiramer acetate in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2012 , 245, 93-7 | 3.5 | 24 |
| 151 | Interleukin-1 β causes synaptic hyperexcitability in multiple sclerosis. <i>Annals of Neurology</i> , 2012 , 71, 76-83 | 9.4 | 154 |
| 150 | Myeloid microvesicles are a marker and therapeutic target for neuroinflammation. <i>Annals of Neurology</i> , 2012 , 72, 610-24 | 9.4 | 201 |
| 149 | Angelo Mosso (1846-1910). <i>Journal of Neurology</i> , 2012 , 259, 2513-4 | 5.5 | 16 |
| 148 | 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 |
| 147 | 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 |
| 146 | Comment on "Cannabinoid receptor and N-acyl phosphatidylethanolamine phospholipase D--evidence for altered expression in multiple sclerosis". <i>Brain Pathology</i> , 2012 , 22, 79 | 6 | 1 |
| 145 | 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 |
| 144 | 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 |
| 143 | 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 |
| 142 | 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 |
| 141 | Endogeneous remyelination: findings in human studies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 598-609 | 2.6 | 26 |
| 140 | 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 |
| 139 | Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. <i>Brain</i> , 2012 , 135, 3320-35 | 11.2 | 56 |
| 138 | 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 | 3.7 | 72 |
| 137 | Mechanism of action of somatic stem cell treatments: towards the concept of therapeutic plasticity. <i>Cytotherapy</i> , 2011 , 13, 6-7 | 4.8 | 4 |
| 136 | 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 |
| 135 | Impaired striatal GABA transmission in experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 947-56 | 16.6 | 76 |

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|-----|--|------|-----|
| 134 | 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 |
| 133 | In vivo fate analysis reveals the multipotent and self-renewal features of embryonic AspM expressing cells. <i>PLoS ONE</i> , 2011 , 6, e19419 | 3.7 | 9 |
| 132 | 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 |
| 131 | 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 |
| 130 | Therapeutic stem cell plasticity orchestrates tissue plasticity. <i>Brain</i> , 2011 , 134, 1585-7 | 11.2 | 21 |
| 129 | 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 |
| 128 | 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 |
| 127 | T regulatory cells are markers of disease activity in multiple sclerosis patients. <i>PLoS ONE</i> , 2011 , 6, e21386 | 6.7 | 51 |
| 126 | The link between inflammation, synaptic transmission and neurodegeneration in multiple sclerosis. <i>Cell Death and Differentiation</i> , 2010 , 17, 1083-91 | 12.7 | 139 |
| 125 | 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 |
| 124 | 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 |
| 123 | Gene therapy of multiple sclerosis 2010 , 65-78 | | |
| 122 | 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 |
| 121 | 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 |
| 120 | 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 |
| 119 | Stem cell transplantation in multiple sclerosis: current status and future prospects. <i>Nature Reviews Neurology</i> , 2010 , 6, 247-55 | 15 | 153 |
| 118 | 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 |
| 117 | The Neural Stem Cells 2010 , 71-78 | | |

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| 116 | 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 |
| 115 | Inflammation triggers synaptic alteration and degeneration in experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience</i> , 2009 , 29, 3442-52 | 6.6 | 280 |
| 114 | Delayed post-ischaemic neuroprotection following systemic neural stem cell transplantation involves multiple mechanisms. <i>Brain</i> , 2009 , 132, 2239-51 | 11.2 | 286 |
| 113 | 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 |
| 112 | Antiaquaporin 4 antibodies detection by different techniques in neuromyelitis optica patients. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 1153-63 | 5 | 57 |
| 111 | Exercise attenuates the clinical, synaptic and dendritic abnormalities of experimental autoimmune encephalomyelitis. <i>Neurobiology of Disease</i> , 2009 , 36, 51-9 | 7.5 | 90 |
| 110 | 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 |
| 109 | Human neural stem cells ameliorate autoimmune encephalomyelitis in non-human primates. <i>Annals of Neurology</i> , 2009 , 66, 343-54 | 9.4 | 168 |
| 108 | Regeneration and repair in multiple sclerosis: the role of cell transplantation. <i>Neuroscience Letters</i> , 2009 , 456, 101-6 | 3.3 | 55 |
| 107 | Animal models of multiple sclerosis. <i>Methods in Molecular Biology</i> , 2009 , 549, 157-73 | 1.4 | 89 |
| 106 | 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 |
| 105 | Absence of an intrathecal immune reaction to a helper-dependent adenoviral vector delivered into the cerebrospinal fluid of non-human primates. <i>Gene Therapy</i> , 2008 , 15, 233-8 | 4 | 15 |
| 104 | Immunotherapy for neurological diseases. <i>Clinical Immunology</i> , 2008 , 128, 294-305 | 9 | 42 |
| 103 | Dendritic cells loaded with apoptotic oligodendrocytes as a source of myelin T-cell epitopes in multiple sclerosis. <i>Clinical Immunology</i> , 2008 , 129, 286-94 | 9 | 3 |
| 102 | Neural stem/precursor cells for the treatment of ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2008 , 265, 73-7 | 3.2 | 95 |
| 101 | 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 |
| 100 | A pilot trial of low-dose naltrexone in primary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008 , 14, 1076-83 | 5 | 61 |
| 99 | Neural stem cell-mediated immunomodulation: repairing the haemorrhagic brain. <i>Brain</i> , 2008 , 131, 604-51.2 | 1.2 | 18 |

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|----|---|------|-----|
| 98 | Persistent inflammation alters the function of the endogenous brain stem cell compartment. <i>Brain</i> , 2008 , 131, 2564-78 | 11.2 | 199 |
| 97 | Stiff-person syndrome with acute recurrent peripheral vertigo: possible evidence of gamma aminobutyric acid as a neurotransmitter in the vestibular periphery. <i>Journal of Laryngology and Otology</i> , 2008 , 122, 636-8 | 1.8 | 1 |
| 96 | 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 |
| 95 | Multifaceted aspects of inflammation in multiple sclerosis: the role of microglia. <i>Journal of Neuroimmunology</i> , 2007 , 191, 39-44 | 3.5 | 73 |
| 94 | 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 |
| 93 | Rationale for the use of neural stem/precursor cells in immunemediated demyelinating disorders. <i>Journal of Neurology</i> , 2007 , 254, 123-128 | 5.5 | 5 |
| 92 | The endocannabinoid system is dysregulated in multiple sclerosis and in experimental autoimmune encephalomyelitis. <i>Brain</i> , 2007 , 130, 2543-53 | 11.2 | 151 |
| 91 | 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 |
| 90 | MS treatment: new perspectives. <i>Clinical Neurology and Neurosurgery</i> , 2006 , 108, 339-45 | 2 | 8 |
| 89 | 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 |
| 88 | The therapeutic potential of neural stem cells. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 395-406 | 13.5 | 596 |
| 87 | Neural stem cells and their use as therapeutic tool in neurological disorders. <i>Brain Research Reviews</i> , 2005 , 48, 211-9 | | 87 |
| 86 | 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 |
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