# Luca Peruzzotti-Jametti

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 6,494 citations | 257101 24 h-index | 233125 45 g-index |
| 53 all docs | 53 docs citations | 53 times ranked | 9362 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Edoxaban versus Warfarin in Patients with Atrial Fibrillation. New England Journal of Medicine, 2013, 369, 2093-2104. | 13.9 | 4,215 |
| 2 | Delayed post-ischaemic neuroprotection following systemic neural stem cell transplantation involves multiple mechanisms. Brain, 2009, 132, 2239-2251. | 3.7 | 327 |
| 3 | Macrophage-Derived Extracellular Succinate Licenses Neural Stem Cells to Suppress Chronic Neuroinflammation. Cell Stem Cell, 2018, 22, 355-368.e13. | 5.2 | 216 |
| 4 | Cell-based therapeutic strategies for multiple sclerosis. Brain, 2017, 140, 2776-2796. | 3.7 | 139 |
| 5 | The role of immune cells, glia and neurons in white and gray matter pathology in multiple sclerosis. Progress in Neurobiology, 2015, 127-128, 1-22. | 2.8 | 116 |
| 6 | Safety and Efficacy of Transcranial Direct Current Stimulation in Acute Experimental Ischemic Stroke. Stroke, 2013, 44, 3166-3174. | 1.0 | 114 |
| 7 | Extracellular vesicles are independent metabolic units with asparaginase activity. Nature Chemical Biology, 2017, 13, 951-955. | 3.9 | 107 |
| 8 | Neural stem cells traffic functional mitochondria via extracellular vesicles. PLoS Biology, 2021, 19, e3001166. | 2.6 | 95 |
| 9 | Neural Stem Cell Transplantation Induces Stroke Recovery by Upregulating Glutamate Transporter GLT-1 in Astrocytes. Journal of Neuroscience, 2016, 36, 10529-10544. | 1.7 | 91 |
| 10 | Neural stem cell transplantation in ischemic stroke: A role for preconditioning and cellular engineering. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2314-2319. | 2.4 | 89 |
| 11 | The role of the immune system in central nervous system plasticity after acute injury. Neuroscience, 2014, 283, 210-221. | 1.1 | 71 |
| 12 | The neural stem cell secretome and its role in brain repair. Brain Research, 2020, 1729, 146615. | 1.1 | 71 |
| 13 | Neural precursor cells in the ischemic brain Ã¢â‚¬â€œ integration, cellular crosstalk, and consequences for stroke recovery. Frontiers in Cellular Neuroscience, 2014, 8, 291. | 1.8 | 70 |
| 14 | Post-ischaemic silencing of p66<sup>Shc</sup>reduces ischaemia/reperfusion brain injury and its expression correlates to clinical outcome in stroke. European Heart Journal, 2015, 36, 1590-1600. | 1.0 | 61 |
| 15 | Targeting Mitochondrial Metabolism in Neuroinflammation: Towards a Therapy for Progressive Multiple Sclerosis. Trends in Molecular Medicine, 2018, 24, 838-855. | 3.5 | 59 |
| 16 | Functional Magnetic Resonance Imaging of Rats with Experimental Autoimmune Encephalomyelitis Reveals Brain Cortex Remodeling. Journal of Neuroscience, 2015, 35, 10088-10100. | 1.7 | 54 |
| 17 | Neural Stem Cell Grafts Promote Astroglia-Driven Neurorestoration in the Aged Parkinsonian Brain via Wnt/Î²-Catenin Signaling. Stem Cells, 2018, 36, 1179-1197. | 1.4 | 49 |
| 18 | Promises and Limitations of Neural Stem Cell Therapies for Progressive Multiple Sclerosis. Trends in Molecular Medicine, 2020, 26, 898-912. | 3.5 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Evaluation of RGD functionalization in hybrid hydrogels as 3D neural stem cell culture systems. Biomaterials Science, 2018, 6, 501-510. | 2.6 | 37 |
| 20 | A novel quantitative high-throughput screen identifies drugs that both activate SUMO conjugation via the inhibition of microRNAs 182 and 183 and facilitate neuroprotection in a model of oxygen and glucose deprivation. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 426-441. | 2.4 | 34 |
| 21 | SUMOylation promotes survival and integration of neural stem cell grafts in ischemic stroke. EBioMedicine, 2019, 42, 214-224. | 2.7 | 33 |
| 22 | Succinate Receptor 1: An Emerging Regulator of Myeloid Cell Function in Inflammation. Trends in Immunology, 2021, 42, 45-58. | 2.9 | 29 |
| 23 | Topotecan is a potent inhibitor of SUMOylation in glioblastoma multiforme and alters both cellular replication and metabolic programming. Scientific Reports, 2017, 7, 7425. | 1.6 | 28 |
| 24 | Harnessing the Neural Stem Cell Secretome for Regenerative Neuroimmunology. Frontiers in Cellular Neuroscience, 2020, 14, 590960. | 1.8 | 27 |
| 25 | Metabolic determinants of the immune modulatory function of neural stem cells. Journal of Neuroinflammation, 2016, 13, 232. | 3.1 | 25 |
| 26 | Stem Cell Therapies for Progressive Multiple Sclerosis. Frontiers in Cell and Developmental Biology, 2021, 9, 696434. | 1.8 | 25 |
| 27 | Therapeutic stem cell plasticity orchestrates tissue plasticity. Brain, 2011, 134, 1585-1587. | 3.7 | 24 |
| 28 | Emerging subspecialties in Neurology. Neurology, 2013, 80, e33-5. | 1.5 | 24 |
| 29 | Defining Minor Symptoms in Acute Ischemic Stroke. Cerebrovascular Diseases, 2015, 39, 209-215. | 0.8 | 22 |
| 30 | Modulation of host immune responses following non-hematopoietic stem cell transplantation: Translational implications in progressive multiple sclerosis. Journal of Neuroimmunology, 2019, 331, 11-27. | 1.1 | 22 |
| 31 | Transplantation of induced neural stem cells (iNSCs) into chronically demyelinated corpus callosum ameliorates motor deficits. Acta Neuropathologica Communications, 2020, 8, 84. | 2.4 | 21 |
| 32 | Soluble factors influencing the neural stem cell niche in brain physiology, inflammation, and aging. Experimental Neurology, 2022, 355, 114124. | 2.0 | 21 |
| 33 | RNA Nanotherapeutics for the Amelioration of Astroglial Reactivity. Molecular Therapy - Nucleic Acids, 2018, 10, 103-121. | 2.3 | 19 |
| 34 | Metabolic Control of Smoldering Neuroinflammation. Frontiers in Immunology, 2021, 12, 705920. | 2.2 | 19 |
| 35 | Rewiring the ischaemic brain with human-induced pluripotent stem cell-derived cortical neurons. Brain, 2013, 136, 3525-3527. | 3.7 | 15 |
| 36 | Foxg1 Antagonizes Neocortical Stem Cell Progression to Astrogenesis. Cerebral Cortex, 2019, 29, 4903-4918. | 1.6 | 15 |

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|---|---|---|---|
| 37 | Giant Anterior Arachnoid Cyst Associated With Syringomyelia. Spine, 2010, 35, E322-E324. | 1.0 | 11 |
| 38 | Bilateral Intracavernous Carotid Artery Occlusion Caused by Invasive Lymphocytic Hypophysitis. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 918.e9-918.e11. | 0.7 | 9 |
| 39 | Treatment Challenges of a Primary Vertebral Artery Aneurysm Causing Recurrent Ischemic Strokes. Case Reports in Neurological Medicine, 2017, 2017, 1-3. | 0.3 | 9 |
| 40 | Astrocyte power fuels neurons during stroke. Swiss Medical Weekly, 2016, 146, w14374. | 0.8 | 8 |
| 41 | Subcutaneous cladribine to treat multiple sclerosis: experience in 208 patients. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110576. | 1.5 | 5 |
| 42 | Life-threatening bradycardia after bilateral paramedian thalamic and midbrain infarction. Journal of Neurology, 2011, 258, 1895-1897. | 1.8 | 4 |
| 43 | Interleukin-4 induced 1 (IL4I1) promotes central nervous system remyelination. Brain, 2016, 139, 3052-3054. | 3.7 | 4 |
| 44 | Injection of next-generation directly-induced neural stem cells (iNSCs) induces recovery in a mouse model of multiple sclerosis. Journal of Neuroimmunology, 2014, 275, 193. | 1.1 | 2 |
| 45 | Therapy with mesenchymal stem cell transplantation in multiple sclerosis ready for prime time: Commentary. Multiple Sclerosis Journal, 2022, 28, 1328-1329. | 1.4 | 2 |
| 46 | Falling too Fahr. Journal of Neurology, 2012, 259, 1483-1484. | 1.8 | 1 |
| 47 | The therapeutic potential of exogenous adult stem cells for the injured central nervous system. , 2020, , 147-258. | | 1 |
| 48 | Neural stem cell transplantation promotes post-ischemic neuronal plasticity by regulating the expression of glutamate transporters. Journal of Neuroimmunology, 2014, 275, 188. | 1.1 | 0 |
| 49 | Past, Present and Future of Cell-Based Therapy in Progressive Multiple Sclerosis. , 2018, , 87-132. | | 0 |