Luca Peruzzotti-Jametti

List of Publications by Year
in descending order

49 papers	6,494 citations	257450 24 h-index	233421 45 g-index
53 all docs	53 docs citations	53 times ranked	9362 citing authors

#	Article	IF	Citations
1	Soluble factors influencing the neural stem cell niche in brain physiology, inflammation, and aging. Experimental Neurology, 2022, 355, 114124.	4.1	21
2	Therapy with mesenchymal stem cell transplantation in multiple sclerosis ready for prime time: Commentary. Multiple Sclerosis Journal, 2022, 28, 1328-1329.	3.0	2
3	Succinate Receptor 1: An Emerging Regulator of Myeloid Cell Function in Inflammation. Trends in Immunology, 2021, 42, 45-58.	6.8	29
4	Neural stem cells traffic functional mitochondria via extracellular vesicles. PLoS Biology, 2021, 19, e3001166.	5.6	95
5	Metabolic Control of Smoldering Neuroinflammation. Frontiers in Immunology, 2021, 12, 705920.	4.8	19
6	Stem Cell Therapies for Progressive Multiple Sclerosis. Frontiers in Cell and Developmental Biology, 2021, 9, 696434.	3.7	25
7	Subcutaneous cladribine to treat multiple sclerosis: experience in 208 patients. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110576.	3.5	5
8	The neural stem cell secretome and its role in brain repair. Brain Research, 2020, 1729, 146615.	2.2	71
9	Harnessing the Neural Stem Cell Secretome for Regenerative Neuroimmunology. Frontiers in Cellular Neuroscience, 2020, 14, 590960.	3.7	27
10	Promises and Limitations of Neural Stem Cell Therapies for Progressive Multiple Sclerosis. Trends in Molecular Medicine, 2020, 26, 898-912.	6.7	42
11	Transplantation of induced neural stem cells (iNSCs) into chronically demyelinated corpus callosum ameliorates motor deficits. Acta Neuropathologica Communications, 2020, 8, 84.	5.2	21
12	The therapeutic potential of exogenous adult stem cells for the injured central nervous system. , 2020, , 147-258.		1
13	SUMOylation promotes survival and integration of neural stem cell grafts in ischemic stroke. EBioMedicine, 2019, 42, 214-224.	6.1	33
14	Foxg1 Antagonizes Neocortical Stem Cell Progression to Astrogenesis. Cerebral Cortex, 2019, 29, 4903-4918.	2.9	15
15	Modulation of host immune responses following non-hematopoietic stem cell transplantation: Translational implications in progressive multiple sclerosis. Journal of Neuroimmunology, 2019, 331, 11-27.	2.3	22
16	Macrophage-Derived Extracellular Succinate Licenses Neural Stem Cells to Suppress Chronic Neuroinflammation. Cell Stem Cell, 2018, 22, 355-368.e13.	11.1	216
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.	3.2	49
18	Evaluation of RGD functionalization in hybrid hydrogels as 3D neural stem cell culture systems. Biomaterials Science, 2018, 6, 501-510.	5.4	37

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19	RNA Nanotherapeutics for the Amelioration of Astroglial Reactivity. Molecular Therapy - Nucleic Acids, 2018, 10, 103-121.	5.1	19
20	Past, Present and Future of Cell-Based Therapy in Progressive Multiple Sclerosis. , 2018, , 87-132.		0
21	Targeting Mitochondrial Metabolism in Neuroinflammation: Towards a Therapy for Progressive Multiple Sclerosis. Trends in Molecular Medicine, 2018, 24, 838-855.	6.7	59
22	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.	4.3	89
23	Topotecan is a potent inhibitor of SUMOylation in glioblastoma multiforme and alters both cellular replication and metabolic programming. Scientific Reports, 2017, 7, 7425.	3.3	28
24	Extracellular vesicles are independent metabolic units with asparaginase activity. Nature Chemical Biology, 2017, 13, 951-955.	8.0	107
25	Cell-based therapeutic strategies for multiple sclerosis. Brain, 2017, 140, 2776-2796.	7.6	139
26	Treatment Challenges of a Primary Vertebral Artery Aneurysm Causing Recurrent Ischemic Strokes. Case Reports in Neurological Medicine, 2017, 2017, 1-3.	0.4	9
27	Metabolic determinants of the immune modulatory function of neural stem cells. Journal of Neuroinflammation, 2016, 13, 232.	7.2	25
28	Interleukin-4 induced 1 (IL4I1) promotes central nervous system remyelination. Brain, 2016, 139, 3052-3054.	7.6	4
29	Neural Stem Cell Transplantation Induces Stroke Recovery by Upregulating Glutamate Transporter GLT-1 in Astrocytes. Journal of Neuroscience, 2016, 36, 10529-10544.	3.6	91
30	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.	4.3	34
31	Astrocyte power fuels neurons during stroke. Swiss Medical Weekly, 2016, 146, w14374.	1.6	8
32	Post-ischaemic silencing of p66^{Shc}reduces ischaemia/reperfusion brain injury and its expression correlates to clinical outcome in stroke. European Heart Journal, 2015, 36, 1590-1600.	2.2	61
33	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.	5.7	116
34	Defining Minor Symptoms in Acute Ischemic Stroke. Cerebrovascular Diseases, 2015, 39, 209-215.	1.7	22
35	Functional Magnetic Resonance Imaging of Rats with Experimental Autoimmune Encephalomyelitis Reveals Brain Cortex Remodeling. Journal of Neuroscience, 2015, 35, 10088-10100.	3.6	54
36	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.	3.7	70

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37	The role of the immune system in central nervous system plasticity after acute injury. Neuroscience, 2014, 283, 210-221.	2.3	71
38	Neural stem cell transplantation promotes post-ischemic neuronal plasticity by regulating the expression of glutamate transporters. Journal of Neuroimmunology, 2014, 275, 188.	2.3	0
39	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.	2.3	2
40	Edoxaban versus Warfarin in Patients with Atrial Fibrillation. New England Journal of Medicine, 2013, 369, 2093-2104.	27.0	4,215
41	Rewiring the ischaemic brain with human-induced pluripotent stem cell-derived cortical neurons. Brain, 2013, 136, 3525-3527.	7.6	15
42	Safety and Efficacy of Transcranial Direct Current Stimulation in Acute Experimental Ischemic Stroke. Stroke, 2013, 44, 3166-3174.	2.0	114
43	Emerging subspecialties in Neurology. Neurology, 2013, 80, e33-5.	1.1	24
44	Bilateral Intracavernous Carotid Artery Occlusion Caused by Invasive Lymphocytic Hypophysitis. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 918.e9-918.e11.	1.6	9
45	Falling too Fahr. Journal of Neurology, 2012, 259, 1483-1484.	3.6	1
46	Life-threatening bradycardia after bilateral paramedian thalamic and midbrain infarction. Journal of Neurology, 2011, 258, 1895-1897.	3.6	4
47	Therapeutic stem cell plasticity orchestrates tissue plasticity. Brain, 2011, 134, 1585-1587.	7.6	24
48	Giant Anterior Arachnoid Cyst Associated With Syringomyelia. Spine, 2010, 35, E322-E324.	2.0	11
49	Delayed post-ischaemic neuroprotection following systemic neural stem cell transplantation involves multiple mechanisms. Brain, 2009, 132, 2239-2251.	7.6	327