MarÃ-a GutiÃ©rrez-FernÃ¡ndez

List of Publications by Year
in descending order

39 papers	1,731 citations	394286 19 h-index	289141 40 g-index
40 all docs	40 docs citations	40 times ranked	2864 citing authors

#	Article	IF	Citations
1	Effects of intravenous administration of allogenic bone marrow- and adipose tissue-derived mesenchymal stem cells on functional recovery and brain repair markers in experimental ischemic stroke. Stem Cell Research and Therapy, 2013, 4, 11.	2.4	201
2	White Matter Repair After Extracellular Vesicles Administration in an Experimental Animal Model of Subcortical Stroke. Scientific Reports, 2017, 7, 44433.	1.6	157
3	Brain-Derived Neurotrophic Factor Administration Mediated Oligodendrocyte Differentiation and Myelin Formation in Subcortical Ischemic Stroke. Stroke, 2015, 46, 221-228.	1.0	132
4	Reparative Therapy for Acute Ischemic Stroke with Allogeneic Mesenchymal Stem Cells from Adipose Tissue: A Safety Assessment. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 2694-2700.	0.7	123
5	Therapeutic potential of extracellular vesicles derived from human mesenchymal stem cells in a model of progressive multiple sclerosis. PLoS ONE, 2018, 13, e0202590.	1.1	119
6	Role of Exosomes as a Treatment and Potential Biomarker for Stroke. Translational Stroke Research, 2019, 10, 241-249.	2.3	82
7	Stem Cell Therapy and Administration Routes After Stroke. Translational Stroke Research, 2016, 7, 378-387.	2.3	78
8	Comparison between xenogeneic and allogeneic adipose mesenchymal stem cells in the treatment of acute cerebral infarct: proof of concept in rats. Journal of Translational Medicine, 2015, 13, 46.	1.8	67
9	CDP-choline treatment induces brain plasticity markers expression in experimental animal stroke. Neurochemistry International, 2012, 60, 310-317.	1.9	62
10	White matter injury restoration after stem cell administration in subcortical ischemic stroke. Stem Cell Research and Therapy, 2015, 6, 121.	2.4	52
11	Adipose tissue-derived mesenchymal stem cells as a strategy to improve recovery after stroke. Expert Opinion on Biological Therapy, 2015, 15, 873-881.	1.4	49
12	Low dose of extracellular vesicles identified that promote recovery after ischemic stroke. Stem Cell Research and Therapy, 2020, 11, 70.	2.4	45
13	Trophic factors and cell therapy to stimulate brain repair after ischaemic stroke. Journal of Cellular and Molecular Medicine, 2012, 16, 2280-2290.	1.6	43
14	Adipose tissue-derived stem cells in stroke treatment: from bench to bedside. Discovery Medicine, 2013, 16, 37-43.	0.5	39
15	Enhanced brain-derived neurotrophic factor delivery by ultrasound and microbubbles promotes white matter repair after stroke. Biomaterials, 2016, 100, 41-52.	5.7	33
16	Intravenous delivery of adipose tissue-derived mesenchymal stem cells improves brain repair in hyperglycemic stroke rats. Stem Cell Research and Therapy, 2019, 10, 212.	2.4	28
17	Final Results of Allogeneic Adipose Tissueâ€"Derived Mesenchymal Stem Cells in Acute Ischemic Stroke (AMASCIS): A Phase II, Randomized, Double-Blind, Placebo-Controlled, Single-Center, Pilot Clinical Trial. Cell Transplantation, 2022, 31, 096368972210838.	1.2	28
18	Blood Glutamate Grabbing Does Not Reduce the Hematoma in an Intracerebral Hemorrhage Model but it is a Safe Excitotoxic Treatment Modality. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1206-1212.	2.4	26

#	Article	IF	Citations
19	Tumor stem cells fuse with monocytes to form highly invasive tumor-hybrid cells. OncoImmunology, 2020, 9, 1773204.	2.1	25
20	Effects of local administration of allogenic adipose tissue-derived mesenchymal stem cells on functional recovery in experimental traumatic brain injury. Brain Injury, 2015, 29, 1497-1510.	0.6	24
21	Cell-Based Therapies for Stroke: Promising Solution or Dead End? Mesenchymal Stem Cells and Comorbidities in Preclinical Stroke Research. Frontiers in Neurology, 2019, 10, 332.	1.1	18
22	Circulating Extracellular Vesicle Proteins and MicroRNA Profiles in Subcortical and Cortical-Subcortical Ischaemic Stroke. Biomedicines, 2021, 9, 786.	1.4	18
23	Potential Roles of Extracellular Vesicles as Biomarkers and a Novel Treatment Approach in Multiple Sclerosis. International Journal of Molecular Sciences, 2021, 22, 9011.	1.8	16
24	Similarities and Differences in Extracellular Vesicle Profiles between Ischaemic Stroke and Myocardial Infarction. Biomedicines, 2021, 9, 8.	1.4	16
25	Stem cells for brain repair and recovery after stroke. Expert Opinion on Biological Therapy, 2013, 13, 1479-1483.	1.4	15
26	Intralesional Patterns of MRI ADC Maps Predict Outcome in Experimental Stroke. Cerebrovascular Diseases, 2015, 39, 293-301.	0.8	14
27	Sustained blood glutamate scavenging enhances protection in ischemic stroke. Communications Biology, 2020, 3, 729.	2.0	13
28	Allogeneic adipose tissue-derived mesenchymal stem cells in ischaemic stroke (AMASCIS-02): a phase IIb, multicentre, double-blind, placebo-controlled clinical trial protocol. BMJ Open, 2021, 11, e051790.	0.8	13
29	CDP-choline at high doses is as effective as i.v. thrombolysis in experimental animal stroke. Neurological Research, 2012, 34, 649-656.	0.6	10
30	Identification of brain structures and blood vessels by conventional ultrasound in rats. Journal of Neuroscience Methods, 2020, 346, 108935.	1.3	10
31	NogoA Neutralization Promotes Axonal Restoration After White Matter Injury In Subcortical Stroke. Scientific Reports, 2017, 7, 9431.	1.6	9
32	Glycemic variability: prognostic impact on acute ischemic stroke and the impact of corrective treatment for hyperglycemia. The GLIAS-III translational study. Journal of Translational Medicine, 2020, 18, 414.	1.8	9
33	Different protective and reparative effects of olmesartan in stroke according to time of administration and withdrawal. Journal of Neuroscience Research, 2015, 93, 806-814.	1.3	7
34	Mesenchymal Stem Cells From Adipose Tissue Do not Improve Functional Recovery After Ischemic Stroke in Hypertensive Rats. Stroke, 2020, 51, 342-346.	1.0	7
35	Recovery After Stroke: New Insight to Promote Brain Plasticity. Frontiers in Neurology, 2021, 12, 768958.	1.1	5
36	B-Mode Ultrasound, a Reliable Tool for Monitoring Experimental Intracerebral Hemorrhage. Frontiers in Neurology, 2021, 12, 771402.	1.1	4

#	Article	IF	Citations
37	The Role of Ultrasound as a Diagnostic and Therapeutic Tool in Experimental Animal Models of Stroke: A Review. Biomedicines, 2021, 9, 1609.	1.4	3
38	Why do we say â€˜neuroprotectionâ€™ in stroke when we mean â€˜brain protection or cerebroprotectionâ€™?. European Stroke Journal, 2019, 4, 281-282.	2.7	2
39	Connectomic-genetic signatures in the cerebral small vessel disease. Neurobiology of Disease, 2022, 167, 105671.	2.1	1