Laura Otero-Ortega

List of Publications by Year
in descending order

20 papers	1,027 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1800 citing authors

#	Article	IF	Citations
1	White Matter Repair After Extracellular Vesicles Administration in an Experimental Animal Model of Subcortical Stroke. Scientific Reports, 2017, 7, 44433.	3.3	157
2	Brain-Derived Neurotrophic Factor Administration Mediated Oligodendrocyte Differentiation and Myelin Formation in Subcortical Ischemic Stroke. Stroke, 2015, 46, 221-228.	2.0	132
3	Therapeutic potential of extracellular vesicles derived from human mesenchymal stem cells in a model of progressive multiple sclerosis. PLoS ONE, 2018, 13, e0202590.	2.5	119
4	Role of Exosomes as a Treatment and Potential Biomarker for Stroke. Translational Stroke Research, 2019, 10, 241-249.	4.2	82
5	Stem Cell Therapy and Administration Routes After Stroke. Translational Stroke Research, 2016, 7, 378-387.	4.2	78
6	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.	4.4	67
7	White matter injury restoration after stem cell administration in subcortical ischemic stroke. Stem Cell Research and Therapy, 2015, 6, 121.	5.5	52
8	Low dose of extracellular vesicles identified that promote recovery after ischemic stroke. Stem Cell Research and Therapy, 2020, 11, 70.	5.5	45
9	Enhanced brain-derived neurotrophic factor delivery by ultrasound and microbubbles promotes white matter repair after stroke. Biomaterials, 2016, 100, 41-52.	11.4	33
10	Intravenous delivery of adipose tissue-derived mesenchymal stem cells improves brain repair in hyperglycemic stroke rats. Stem Cell Research and Therapy, 2019, 10, 212.	5.5	28
11	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.	2.4	18
12	Circulating Extracellular Vesicle Proteins and MicroRNA Profiles in Subcortical and Cortical-Subcortical Ischaemic Stroke. Biomedicines, 2021, 9, 786.	3.2	18
13	Potential Roles of Extracellular Vesicles as Biomarkers and a Novel Treatment Approach in Multiple Sclerosis. International Journal of Molecular Sciences, 2021, 22, 9011.	4.1	16
14	Similarities and Differences in Extracellular Vesicle Profiles between Ischaemic Stroke and Myocardial Infarction. Biomedicines, 2021, 9, 8.	3.2	16
15	Identification of brain structures and blood vessels by conventional ultrasound in rats. Journal of Neuroscience Methods, 2020, 346, 108935.	2.5	10
16	NogoA Neutralization Promotes Axonal Restoration After White Matter Injury In Subcortical Stroke. Scientific Reports, 2017, 7, 9431.	3.3	9
17	Mesenchymal Stem Cells From Adipose Tissue Do not Improve Functional Recovery After Ischemic Stroke in Hypertensive Rats. Stroke, 2020, 51, 342-346.	2.0	7
18	Recovery After Stroke: New Insight to Promote Brain Plasticity. Frontiers in Neurology, 2021, 12, 768958.	2.4	5

#	Article	IF	Citations
19	B-Mode Ultrasound, a Reliable Tool for Monitoring Experimental Intracerebral Hemorrhage. Frontiers in Neurology, 2021, 12, 771402.	2.4	4
20	The Role of Ultrasound as a Diagnostic and Therapeutic Tool in Experimental Animal Models of Stroke: A Review. Biomedicines, 2021, 9, 1609.	3.2	3