

# Elena Redondo-Castro

## List of Publications by Year in descending order

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21  
papers

884  
citations

566801

15  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1930  
citing authors

#	ARTICLE	IF	CITATIONS
1	The therapeutic potential of the mesenchymal stem cell secretome in ischaemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1276-1292.	2.4	184
2	Interleukin-1 primes human mesenchymal stem cells towards an anti-inflammatory and pro-trophic phenotype in vitro. <i>Stem Cell Research and Therapy</i> , 2017, 8, 79.	2.4	168
3	Changes in the secretome of tri-dimensional spheroid-cultured human mesenchymal stem cells in vitro by interleukin-1 priming. <i>Stem Cell Research and Therapy</i> , 2018, 9, 11.	2.4	74
4	Randall-Selitto Test: A New Approach for the Detection of Neuropathic Pain after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2012, 29, 898-904.	1.7	73
5	Bone marrow mesenchymal stromal cells and olfactory ensheathing cells transplantation after spinal cord injury – a morphological and functional comparison in rats. <i>European Journal of Neuroscience</i> , 2014, 39, 1704-1717.	1.2	55
6	The three cytokines IL-1 $\beta$ , IL-18, and IL-1 $\gamma$ share related but distinct secretory routes. <i>Journal of Biological Chemistry</i> , 2019, 294, 8325-8335.	1.6	52
7	IL-1 $\alpha$ induces angiogenesis in brain endothelial cells <i>in vitro</i> : implications for brain angiogenesis after acute injury. <i>Journal of Neurochemistry</i> , 2016, 136, 573-580.	2.1	38
8	Immunosuppression of Allogenic Mesenchymal Stem Cells Transplantation after Spinal Cord Injury Improves Graft Survival and Beneficial Outcomes. <i>Journal of Neurotrauma</i> , 2015, 32, 367-380.	1.7	32
9	Longitudinal Evaluation of Residual Cortical and Subcortical Motor Evoked Potentials in Spinal Cord Injured Rats. <i>Journal of Neurotrauma</i> , 2016, 33, 907-916.	1.7	29
10	Development of a characterised tool kit for the interrogation of NLRP3 inflammasome-dependent responses. <i>Scientific Reports</i> , 2018, 8, 5667.	1.6	27
11	Chronic ibuprofen administration reduces neuropathic pain but does not exert neuroprotection after spinal cord injury in adult rats. <i>Experimental Neurology</i> , 2014, 252, 95-103.	2.0	25
12	Characterization of a conditional interleukin-1 receptor 1 mouse mutant using the Cre/LoxP system. <i>European Journal of Immunology</i> , 2016, 46, 912-918.	1.6	25
13	Quantitative assessment of locomotion and interlimb coordination in rats after different spinal cord injuries. <i>Journal of Neuroscience Methods</i> , 2013, 213, 165-178.	1.3	24
14	Phagocytic microglial phenotype induced by glibenclamide improves functional recovery but worsens hyperalgesia after spinal cord injury in adult rats. <i>European Journal of Neuroscience</i> , 2013, 38, 3786-3798.	1.2	17
15	Generation of Human Mesenchymal Stem Cell 3D Spheroids Using Low-binding Plates. <i>Bio-protocol</i> , 2018, 8, .	0.2	17
16	Plastic changes in lumbar segments after thoracic spinal cord injuries in adult rats: An integrative view of spinal nociceptive dysfunctions. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 411-430.	0.4	12
17	Hallmarks of NLRP3 inflammasome activation are observed in organotypic hippocampal slice culture. <i>Immunology</i> , 2020, 161, 39-52.	2.0	12
18	Longitudinal study of wind-up responses after graded spinal cord injuries in the adult rat. <i>Restorative Neurology and Neuroscience</i> , 2011, 29, 115-126.	0.4	7

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19	Peripheral nerve alterations after spinal cord injury in the adult rat. <i>Spinal Cord</i> , 2013, 51, 630-633.	0.9	7
20	Microglia Stimulation by Protein Extract of Injured Rat Spinal Cord. A Novel In vitro Model for Studying Activated Microglia. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 582497.	1.4	4
21	Dithiocarb (<i><sc>N</sc></i>,<i><sc>N</sc></i>â€diethyldithiocarbamate, <sc>DEDTC</sc>) decreases levels of biogenic monoamines in the adult mouse brain. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 747-758.	1.8	2