Maria Isabel Cuartero

List of Publications by Year
in descending order

30 papers	2,560 citations	304743 22 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	4463 citing authors

#	Article	IF	Citations
1	Neutrophils scan for activated platelets to initiate inflammation. Science, 2014, 346, 1234-1238.	12.6	516
2	N2 Neutrophils, Novel Players in Brain Inflammation After Stroke. Stroke, 2013, 44, 3498-3508.	2.0	284
3	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. Immunity, 2019, 50, 390-402.e10.	14.3	258
4	Silent Information Regulator 1 Protects the Brain Against Cerebral Ischemic Damage. Stroke, 2013, 44, 2333-2337.	2.0	210
5	Rational modulation of the innate immune system for neuroprotection in ischemic stroke. Frontiers in Neuroscience, 2015, 9, 147.	2.8	168
6	Role of TLR4 (Toll-Like Receptor 4) in N1/N2 Neutrophil Programming After Stroke. Stroke, 2019, 50, 2922-2932.	2.0	106
7	L-Kynurenine/Aryl Hydrocarbon Receptor Pathway Mediates Brain Damage After Experimental Stroke. Circulation, 2014, 130, 2040-2051.	1.6	100
8	Abolition of aberrant neurogenesis ameliorates cognitive impairment after stroke in mice. Journal of Clinical Investigation, 2019, 129, 1536-1550.	8.2	84
9	Rosiglitazone-induced CD36 up-regulation resolves inflammation by PPARÎ³ and 5-LO-dependent pathways. Journal of Leukocyte Biology, 2013, 95, 587-598.	3.3	66
10	Astrocytic p38Î± MAPK drives NMDA receptor-dependent long-term depression and modulates long-term memory. Nature Communications, 2019, 10, 2968.	12.8	66
11	Tollâ€like receptor 4 modulates cell migration and cortical neurogenesis after focal cerebral ischemia. FASEB Journal, 2014, 28, 4710-4718.	0.5	58
12	Cannabinoid Type-2 Receptor Drives Neurogenesis and Improves Functional Outcome After Stroke. Stroke, 2017, 48, 204-212.	2.0	58
13	Dopamine and Î±-synuclein dysfunction in Smad3 null mice. Molecular Neurodegeneration, 2011, 6, 72.	10.8	48
14	TLR4-Binding DNA Aptamers Show a Protective Effect against Acute Stroke in Animal Models. Molecular Therapy, 2018, 26, 2047-2059.	8.2	47
15	Citicoline (<scp>CDP</scp>â€choline) increases <scp>S</scp>irtuin1 expression concomitant to neuroprotection in experimental stroke. Journal of Neurochemistry, 2013, 126, 819-826.	3.9	46
16	The Kynurenine Pathway in the Acute and Chronic Phases of Cerebral Ischemia. Current Pharmaceutical Design, 2016, 22, 1060-1073.	1.9	40
17	Intravenous Immunoglobulin Promotes Antitumor Responses by Modulating Macrophage Polarization. Journal of Immunology, 2014, 193, 5181-5189.	0.8	39
18	Lack of the aryl hydrocarbon receptor accelerates aging in mice. FASEB Journal, 2019, 33, 12644-12654.	0.5	36

#	Article	IF	Citations
19	Specific Features of SVZ Neurogenesis After Cortical Ischemia: a Longitudinal Study. Scientific Reports, 2017, 7, 16343.	3.3	35
20	Daidzein has neuroprotective effects through ligand-binding-independent PPARÎ³ activation. Neurochemistry International, 2012, 61, 119-127.	3.8	34
21	Toll-Like Receptor 4 Mediates Hemorrhagic Transformation After Delayed Tissue Plasminogen Activator Administration in In Situ Thromboembolic Stroke. Stroke, 2017, 48, 1695-1699.	2.0	33
22	Post-stroke Neurogenesis: Friend or Foe?. Frontiers in Cell and Developmental Biology, 2021, 9, 657846.	3.7	28
23	AhR Deletion Promotes Aberrant Morphogenesis and Synaptic Activity of Adult-Generated Granule Neurons and Impairs Hippocampus-Dependent Memory. ENeuro, 2018, 5, ENEURO.0370-17.2018.	1.9	25
24	Smad3 is required for the survival of proliferative intermediate progenitor cells in the dentate gyrus of adult mice. Cell Communication and Signaling, 2013, 11, 93.	6.5	23
25	Imaging the role of toll-like receptor 4 on cell proliferation and inflammation after cerebral ischemia by positron emission tomography. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 702-708.	4.3	23
26	Complexity of the cellâ€“cell interactions in the innate immune response after cerebral ischemia. Brain Research, 2015, 1623, 53-62.	2.2	17
27	Neutrophil Extracellular Trap Targeting Protects Against Ischemic Damage After Fibrin-Rich Thrombotic Stroke Despite Non-Reperfusion. Frontiers in Immunology, 2022, 13, 790002.	4.8	15
28	Role of TLR4 in Neutrophil Dynamics and Functions: Contribution to Stroke Pathophysiology. Frontiers in Immunology, 2021, 12, 757872.	4.8	12
29	Stereological and Flow Cytometry Characterization of Leukocyte Subpopulations in Models of Transient or Permanent Cerebral Ischemia. Journal of Visualized Experiments, 2014, , .	0.3	10
30	Cytokines and Chemokines in Stroke. , 2017, , 280-284.		4