

# Amaia M Arranz

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

1,775  
citations

567281

15  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3314  
citing authors

#	ARTICLE	IF	CITATIONS
1	P2X <sub>7</sub> Receptor Blockade Prevents ATP Excitotoxicity in Oligodendrocytes and Ameliorates Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2007, 27, 9525-9533.	3.6	356
2	The role of astroglia in Alzheimer's disease: pathophysiology and clinical implications. <i>Lancet Neurology</i> , The, 2019, 18, 406-414.	10.2	227
3	Hallmarks of Alzheimer's Disease in Stem-Cell-Derived Human Neurons Transplanted into Mouse Brain. <i>Neuron</i> , 2017, 93, 1066-1081.e8.	8.1	204
4	Stem-cell-derived human microglia transplanted in mouse brain to study human disease. <i>Nature Neuroscience</i> , 2019, 22, 2111-2116.	14.8	176
5	Neuroprotection by two polyphenols following excitotoxicity and experimental ischemia. <i>Neurobiology of Disease</i> , 2006, 23, 374-386.	4.4	145
6	LRRK2 functions in synaptic vesicle endocytosis through a kinase-dependent mechanism. <i>Journal of Cell Science</i> , 2015, 128, 541-52.	2.0	134
7	Hyaluronan Deficiency Due to <i>Has3</i> Knock-Out Causes Altered Neuronal Activity and Seizures via Reduction in Brain Extracellular Space. <i>Journal of Neuroscience</i> , 2014, 34, 6164-6176.	3.6	120
8	Tetraspanin 6: a pivotal protein of the multiple vesicular body determining exosome release and lysosomal degradation of amyloid precursor protein fragments. <i>Molecular Neurodegeneration</i> , 2017, 12, 25.	10.8	70
9	PARL deficiency in mouse causes Complex III defects, coenzyme Q depletion, and Leigh-like syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 277-286.	7.1	64
10	Astrocytes in Alzheimer's Disease: Pathological Significance and Molecular Pathways. <i>Cells</i> , 2021, 10, 540.	4.1	62
11	PLD3 gene and processing of APP. <i>Nature</i> , 2017, 541, E1-E2.	27.8	42
12	Brain extracellular space, hyaluronan, and the prevention of epileptic seizures. <i>Reviews in the Neurosciences</i> , 2017, 28, 869-892.	2.9	39
13	Functional glutamate transport in rodent optic nerve axons and glia. <i>Glia</i> , 2008, 56, 1353-1367.	4.9	38
14	Increased expression of glutamate transporters in subcortical white matter after transient focal cerebral ischemia. <i>Neurobiology of Disease</i> , 2010, 37, 156-165.	4.4	33
15	Human iPSC-derived astrocytes transplanted into the mouse brain undergo morphological changes in response to amyloid- $\beta$ plaques. <i>Molecular Neurodegeneration</i> , 2021, 16, 68.	10.8	28
16	Tetraspanin 6: A novel regulator of hippocampal synaptic transmission and long term plasticity. <i>PLoS ONE</i> , 2017, 12, e0171968.	2.5	16