Alfredo Lorenzo

List of Publications by Year
in descending order

20 papers	2,450 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	2908 citing authors

#	Article	IF	Citations
1	Pancreatic islet cell toxicity of amylin associated with type-2 diabetes mellitus. Nature, 1994, 368, 756-760.	27.8	801
2	Î²-Amyloid fibrils induce tau phosphorylation and loss of microtubule binding. Neuron, 1995, 14, 879-888.	8.1	599
3	Amyloid Î² interacts with the amyloid precursor protein: a potential toxic mechanism in Alzheimer's disease. Nature Neuroscience, 2000, 3, 460-464.	14.8	252
4	Methodological variables in the assessment of beta amyloid neurotoxicity. Neurobiology of Aging, 1992, 13, 609-612.	3.1	211
5	Phosphorylation of Actin-Depolymerizing Factor/Cofilin by LIM-Kinase Mediates Amyloid Â-Induced Degeneration: A Potential Mechanism of Neuronal Dystrophy in Alzheimer's Disease. Journal of Neuroscience, 2006, 26, 6533-6542.	3.6	170
6	Axonal transport of APP and the spatial regulation of APP cleavage and function in neuronal cells. Experimental Brain Research, 2012, 217, 353-364.	1.5	79
7	The physiological role of the amyloid precursor protein as an adhesion molecule in the developing nervous system. Journal of Neurochemistry, 2017, 143, 11-29.	3.9	68
8	Wnt-5a/Frizzled9 Receptor Signaling through the GÎ±o-GÎ²Î³ Complex Regulates Dendritic Spine Formation. Journal of Biological Chemistry, 2016, 291, 19092-19107.	3.4	53
9	Amyloid-Î² precursor protein mediates neuronal toxicity of amyloid Î² through Go protein activation. Neurobiology of Aging, 2009, 30, 1379-1392.	3.1	41
10	Amyloid Î² precursor protein as a molecular target for amyloid Î²â€“induced neuronal degeneration in Alzheimer's disease. Neurobiology of Aging, 2013, 34, 2525-2537.	3.1	40
11	Deposition of amyloid fibrils promotes cell-surface accumulation of amyloid Î² precursor protein. Neurobiology of Disease, 2004, 16, 617-629.	4.4	29
12	Sex differences and influence of gonadal hormones on MK801-induced neuronal degeneration in the granular retrosplenial cortex of the rat. Brain Structure and Function, 2008, 213, 229-238.	2.3	24
13	Comparative analyses of the neurodegeneration induced by the non-competitive NMDA-receptor-antagonist drug MK801 in mice and rats. Neurotoxicology and Teratology, 2010, 32, 542-550.	2.4	17
14	APP/Go protein GÎ²Î³-complex signaling mediates AÎ² degeneration and cognitive impairment in Alzheimer's disease models. Neurobiology of Aging, 2018, 64, 44-57.	3.1	15
15	Secreted amyloid precursor protein and holoâ€APP bind amyloid Î² through distinct domains eliciting different toxic responses on hippocampal neurons. Journal of Neuroscience Research, 2010, 88, 1795-1803.	2.9	13
16	Selective neuronal degeneration in the retrosplenial cortex impairs the recall of contextual fear memory. Brain Structure and Function, 2016, 221, 1861-1875.	2.3	10
17	Fear-context association during memory retrieval requires input from granular to dysgranular retrosplenial cortex. Neurobiology of Learning and Memory, 2019, 163, 107036.	1.9	10
18	Retrograde and anterograde contextual fear amnesia induced by selective elimination of layer IV-Va neurons in the granular retrosplenial cortex (A29). Neurobiology of Learning and Memory, 2020, 171, 107229.	1.9	9

#	Article	IF	Citations
19	AÎ² Assemblies Promote Amyloidogenic Processing of APP and Intracellular Accumulation of AÎ²42 Through Go/GÎ²Î³ Signaling. Frontiers in Cell and Developmental Biology, 2022, 10, 852738.	3.7	7
20	APP signaling in Alzheimerâ€™s disease. Aging, 2018, 10, 3063-3064.	3.1	2