Enrique M Toledo

List of Publications by Year
in descending order

30 papers	2,820 citations	361413 20 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	5306 citing authors

#	Article	IF	Citations
1	Molecular Diversity of Midbrain Development in Mouse, Human, and Stem Cells. Cell, 2016, 167, 566-580.e19.	28.9	687
2	Induction of functional dopamine neurons from human astrocytes in vitro and mouse astrocytes in a Parkinson's disease model. Nature Biotechnology, 2017, 35, 444-452.	17.5	278
3	Activation of Wnt signaling by lithium and rosiglitazone reduced spatial memory impairment and neurodegeneration in brains of an APPswe/PSEN1Î”E9 mouse model of Alzheimer's disease. Molecular Psychiatry, 2010, 15, 272-285.	7.9	240
4	Wnt signaling in neuroprotection and stem cell differentiation. Progress in Neurobiology, 2008, 86, 281-296.	5.7	182
5	The role of Wnt signaling in neuronal dysfunction in Alzheimer's Disease. Molecular Neurodegeneration, 2008, 3, 9.	10.8	164
6	STI571 prevents apoptosis, tau phosphorylation and behavioural impairments induced by Alzheimer's Î²-amyloid deposits. Brain, 2008, 131, 2425-2442.	7.6	136
7	Brain endogenous liver X receptor ligands selectively promote midbrain neurogenesis. Nature Chemical Biology, 2013, 9, 126-133.	8.0	116
8	Wnt-7a Induces Presynaptic Colocalization of Â7-Nicotinic Acetylcholine Receptors and Adenomatous Polyposis Coli in Hippocampal Neurons. Journal of Neuroscience, 2007, 27, 5313-5325.	3.6	101
9	c-Abl tyrosine kinase modulates tau pathology and Cdk5 phosphorylation in AD transgenic mice. Neurobiology of Aging, 2011, 32, 1249-1261.	3.1	91
10	Antiâ€“Ribosomal P Protein Autoantibodies From Patients With Neuropsychiatric Lupus Impair Memory in Mice. Arthritis and Rheumatology, 2015, 67, 204-214.	5.6	90
11	A PBX1 transcriptional network controls dopaminergic neuron development and is impaired in Parkinson's disease. EMBO Journal, 2016, 35, 1963-1978.	7.8	85
12	Calcium/calmodulinâ€dependent protein kinase type IV is a target gene of the Wnt/Î²â€catenin signaling pathway. Journal of Cellular Physiology, 2009, 221, 658-667.	4.1	71
13	Induction of cellular prion protein gene expression by copper in neurons. American Journal of Physiology - Cell Physiology, 2006, 290, C271-C281.	4.6	58
14	SFRP1 and SFRP2 Doseâ€Dependently Regulate Midbrain Dopamine Neuron Development In Vivo and in Embryonic Stem Cells. Stem Cells, 2012, 30, 865-875.	3.2	58
15	Peroxisome Proliferators Reduce Spatial Memory Impairment, Synaptic Failure, and Neurodegeneration in Brains of a Double Transgenic Mice Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 33, 941-959.	2.6	49
16	Niche-derived laminin-511 promotes midbrain dopaminergic neuron survival and differentiation through YAP. Science Signaling, 2017, 10, .	3.6	47
17	The role of Wnt signaling in neuroprotection. Drug News and Perspectives, 2009, 22, 579.	1.5	47
18	Release of acetylcholinesterase (AChE) from Î²-amyloid plaques assemblies improves the spatial memory impairments in APP-transgenic mice. Chemico-Biological Interactions, 2008, 175, 142-149.	4.0	37

#	Article	IF	Citations
19	The role of Wnt signaling in neuroprotection. Drug News and Perspectives, 2009, 22, 579.	1.5	30
20	The Matricellular Protein R-Spondin 2 Promotes Midbrain Dopaminergic Neurogenesis and Differentiation. Stem Cell Reports, 2018, 11, 651-664.	4.8	22
21	The functional links between prion protein and copper. Biological Research, 2006, 39, 39-44.	3.4	20
22	Srebf1 Controls Midbrain Dopaminergic Neurogenesis. Cell Reports, 2020, 31, 107601.	6.4	20
23	Translation of WNT developmental programs into stem cell replacement strategies for the treatment of Parkinson's disease. British Journal of Pharmacology, 2017, 174, 4716-4724.	5.4	18
24	Mapping genes for calcium signaling and their associated human genetic disorders. Bioinformatics, 2017, 33, 2547-2554.	4.1	16
25	Transcriptional synergy as an emergent property defining cell subpopulation identity enables population shift. Nature Communications, 2018, 9, 2595.	12.8	16
26	A Zeb2-miR-200c loop controls midbrain dopaminergic neuron neurogenesis and migration. Communications Biology, 2018, 1, 75.	4.4	13
27	Functional module detection through integration of single-cell RNA sequencing data with proteinâ€“protein interaction networks. BMC Genomics, 2020, 21, 756.	2.8	13
28	Dimethyl fumarate reduces hepatocyte senescence following paracetamol exposure. IScience, 2021, 24, 102552.	4.1	9
29	TCF7L2 plays a complex role in human adipose progenitor biology, which might contribute to genetic susceptibility to type 2 diabetes. Metabolism: Clinical and Experimental, 2022, 133, 155240.	3.4	6
30	Combinatorial ECM Arrays Identify Cooperative Roles for Matricellular Proteins in Enhancing the Generation of TH+ Neurons From Human Pluripotent Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 755406.	3.7	5