

Inmaculada Cuchillo-Ibañez

List of Publications by Year in descending order

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35
papers

1,543
citations

394421

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docs citations

39
times ranked

1883
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromaffin-cell stimulation triggers fast millimolar mitochondrial Ca ²⁺ transients that modulate secretion. <i>Nature Cell Biology</i> , 2000, 2, 57-61.	10.3	444
2	Ca ²⁺ -induced Ca ²⁺ Release in Chromaffin Cells Seen from inside the ER with Targeted Aequorin. <i>Journal of Cell Biology</i> , 1999, 144, 241-254.	5.2	170
3	Phosphorylation of tau regulates its axonal transport by controlling its binding to kinesin. <i>FASEB Journal</i> , 2008, 22, 3186-3195.	0.5	142
4	Tau phosphorylation affects its axonal transport and degradation. <i>Neurobiology of Aging</i> , 2013, 34, 2146-2157.	3.1	136
5	Î²-amyloid controls altered Reelin expression and processing in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2010, 37, 682-691.	4.4	53
6	The Î²-amyloid peptide compromises Reelin signaling in Alzheimer's disease. <i>Scientific Reports</i> , 2016, 6, 31646.	3.3	44
7	Human adrenal chromaffin cell calcium channels: drastic current facilitation in cell clusters, but not in isolated cells. <i>Pflügers Archiv European Journal of Physiology</i> , 1998, 436, 696-704.	2.8	43
8	Greater diversity than previously thought of chromaffin cell Ca ²⁺ channels, derived from mRNA identification studies. <i>FEBS Letters</i> , 2000, 481, 235-239.	2.8	42
9	Beta-Amyloid Impairs Reelin Signaling. <i>PLoS ONE</i> , 2013, 8, e72297.	2.5	40
10	Reelin in Alzheimer's Disease, Increased Levels but Impaired Signaling: When More is Less. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 403-416.	2.6	30
11	Mitochondrial calcium sequestration and protein kinase C cooperate in the regulation of cortical F-actin disassembly and secretion in bovine chromaffin cells. <i>Journal of Physiology</i> , 2004, 560, 63-76.	2.9	29
12	ApoER2 processing by presenilin-1 modulates reelin expression. <i>FASEB Journal</i> , 2014, 28, 1543-1554.	0.5	29
13	Acetylcholine and potassium elicit different patterns of exocytosis in chromaffin cells when the intracellular calcium handling is disturbed. <i>Pflügers Archiv European Journal of Physiology</i> , 2002, 444, 133-142.	2.8	27
14	Maternal adrenalectomy at the early onset of gestation impairs the postnatal development of the rat hippocampal formation: Effects on cell numbers and differentiation, connectivity and calbindin-D28k immunoreactivity. <i>Journal of Neuroscience Research</i> , 2000, 62, 644-667.	2.9	26
15	The Notch intracellular domain represses CRE-dependent transcription. <i>Cellular Signalling</i> , 2015, 27, 621-629.	3.6	25
16	Amyloid precursor protein glycosylation is altered in the brain of patients with Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 96.	6.2	24
17	Decreased generation of C-terminal fragments of ApoER2 and increased reelin expression in Alzheimer's disease. <i>FASEB Journal</i> , 2018, 32, 3536-3546.	0.5	23
18	Heteromers of amyloid precursor protein in cerebrospinal fluid. <i>Molecular Neurodegeneration</i> , 2015, 10, 2.	10.8	22

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19	Control of secretion by mitochondria depends on the size of the local [Ca ²⁺] after chromaffin cell stimulation. <i>European Journal of Neuroscience</i> , 2001, 13, 2247-2254.	2.6	21
20	Effect of inositol 1,4,5-trisphosphate receptor stimulation on mitochondrial [Ca ²⁺] and secretion in chromaffin cells. <i>Biochemical Journal</i> , 2002, 365, 451-459.	3.7	20
21	A preferential pole for exocytosis in cultured chromaffin cells revealed by confocal microscopy. <i>FEBS Letters</i> , 1999, 459, 22-26.	2.8	16
22	Calcium Entry, Calcium Redistribution, and Exocytosis. <i>Annals of the New York Academy of Sciences</i> , 2002, 971, 108-116.	3.8	15
23	Transmembrane Amyloid-Related Proteins in CSF as Potential Biomarkers for Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2015, 6, 125.	2.4	15
24	Altered regulation of calcium channels and exocytosis in single human pheochromocytoma cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 440, 253-263.	2.8	14
25	HNK-1 Carrier Glycoproteins Are Decreased in the Alzheimer's Disease Brain. <i>Molecular Neurobiology</i> , 2017, 54, 188-199.	4.0	13
26	Identification of a 31-bp Deletion in the RELN Gene Causing Lissencephaly with Cerebellar Hypoplasia in Sheep. <i>PLoS ONE</i> , 2013, 8, e81072.	2.5	12
27	Contribution of BK channels to action potential repolarisation at minimal cytosolic Ca ²⁺ concentration in chromaffin cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 462, 545-557.	2.8	11
28	Presenilin-1 influences processing of the acetylcholinesterase membrane anchor PRiMA. <i>Neurobiology of Aging</i> , 2014, 35, 1526-1536.	3.1	9
29	DNA Damage, Neurodegeneration, and Synaptic Plasticity. <i>Neural Plasticity</i> , 2016, 2016, 1-2.	2.2	9
30	The apolipoprotein receptor LRP3 compromises APP levels. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 181.	6.2	9
31	Calbindin-D28k- and astroglial protein-immunoreactivities, and ultrastructural differentiation in the prenatal rat cerebral cortex and hippocampus are affected by maternal adrenalectomy. <i>Developmental Brain Research</i> , 1998, 108, 161-177.	1.7	8
32	Elevated Plasma Reelin Levels in Children With Autism. <i>Frontiers in Psychiatry</i> , 2020, 11, 242.	2.6	8
33	Inhibition of voltage-gated calcium channels by sequestration of β_2 subunits. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 1000-1007.	2.1	6
34	Increased P2 _U receptors induced by amyloid- β_2 peptide participates in the neurotoxicity in Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111968.	5.6	5
35	CSF-ApoER2 fragments as a read-out of reelin signaling: Distinct patterns in sporadic and autosomal-dominant Alzheimer disease. <i>Clinica Chimica Acta</i> , 2019, 490, 6-11.	1.1	3