

Berta Puig

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,229
citations

218592

26
h-index

233338

45
g-index

52
all docs

52
docs citations

52
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Alterations in Lipid Rafts from Alzheimer's Disease Human Brain Cortex. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 489-502.	1.2	235
2	Accelerated amyloid deposition, neurofibrillary degeneration and neuronal loss in double mutant APP/tau transgenic mice. <i>Neurobiology of Disease</i> , 2005, 20, 814-822.	2.1	163
3	Constitutive Dyrk1A is abnormally expressed in Alzheimer disease, Down syndrome, Pick disease, and related transgenic models. <i>Neurobiology of Disease</i> , 2005, 20, 392-400.	2.1	152
4	Brain Protein Preservation Largely Depends on the Postmortem Storage Temperature. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2007, 66, 35-46.	0.9	151
5	Molecular Communication of a Dying Neuron in Stroke. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2834.	1.8	109
6	Lack of α -disintegrin-and-metalloproteinase ADAM10 leads to intracellular accumulation and loss of shedding of the cellular prion protein in vivo. <i>Molecular Neurodegeneration</i> , 2011, 6, 36.	4.4	93
7	VDAC and ER χ interaction in caveolae from human cortex is altered in Alzheimer's disease. <i>Molecular and Cellular Neurosciences</i> , 2009, 42, 172-183.	1.0	83
8	Abnormal synaptic protein expression and cell death in murine scrapie. <i>Acta Neuropathologica</i> , 2002, 103, 615-626.	3.9	79
9	The sheddase ADAM10 is a potent modulator of prion disease. <i>ELife</i> , 2015, 4, .	2.8	66
10	CD73-mediated adenosine production by CD8 T cell-derived extracellular vesicles constitutes an intrinsic mechanism of immune suppression. <i>Nature Communications</i> , 2021, 12, 5911.	5.8	66
11	Deposition of Hyperphosphorylated Tau in Cerebellum of PS1 E280A Alzheimer's Disease. <i>Brain Pathology</i> , 2011, 21, 452-463.	2.1	65
12	Abnormal Sp1 transcription factor expression in Alzheimer disease and tauopathies. <i>Neuroscience Letters</i> , 2006, 397, 30-34.	1.0	62
13	Prion protein deposition and abnormal synaptic protein expression in the cerebellum in Creutzfeldt-Jakob disease. <i>Neuroscience</i> , 2000, 97, 715-726.	1.1	59
14	Proteolytic processing of the prion protein in health and disease. <i>American Journal of Neurodegenerative Disease</i> , 2012, 1, 15-31.	0.1	58
15	Phosphorylated Protein Kinases Associated with Neuronal and Glial τ Deposits in Argrophilic Grain Disease. <i>Brain Pathology</i> , 2003, 13, 62-78.	2.1	52
16	Clusterin solubility and aggregation in Creutzfeldt-Jakob disease. <i>Acta Neuropathologica</i> , 2004, 108, 295-301.	3.9	49
17	The GPI-anchoring of PrP. <i>Prion</i> , 2014, 8, 11-18.	0.9	49
18	Roles of endoproteolytic β -cleavage and shedding of the prion protein in neurodegeneration. <i>FEBS Journal</i> , 2013, 280, 4338-4347.	2.2	48

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19	Characterization of brain-derived extracellular vesicles reveals changes in cellular origin after stroke and enrichment of the prion protein with a potential role in cellular uptake. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1809065.	5.5	47
20	Caspase-3-associated apoptotic cell death in excitotoxic necrosis of the entorhinal cortex following intraperitoneal injection of kainic acid in the rat. <i>Neuroscience Letters</i> , 2002, 321, 182-186.	1.0	46
21	Structural and mechanistic aspects influencing the ADAM10-mediated shedding of the prion protein. <i>Molecular Neurodegeneration</i> , 2018, 13, 18.	4.4	45
22	Generation and Function of Non-cell-bound CD73 in Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 1729.	2.2	43
23	Cell death signaling in the cerebellum in Creutzfeldt-Jakob disease. <i>Acta Neuropathologica</i> , 2001, 102, 207-215.	3.9	37
24	GPI-anchor signal sequence influences PrPC sorting, shedding and signalling, and impacts on different pathomechanistic aspects of prion disease in mice. <i>PLoS Pathogens</i> , 2019, 15, e1007520.	2.1	34
25	A multifactorial model of pathology for age of onset heterogeneity in familial Alzheimer's disease. <i>Acta Neuropathologica</i> , 2021, 141, 217-233.	3.9	33
26	Active stress kinase p38 enhances and perpetuates abnormal tau phosphorylation and deposition in Pick's disease. <i>Acta Neuropathologica</i> , 2004, 107, 185-189.	3.9	30
27	Cleaved caspase-3, caspase-7 and poly (ADP-ribose) polymerase are complementarily but differentially expressed in human medulloblastomas. <i>Neuroscience Letters</i> , 2001, 306, 85-88.	1.0	24
28	Amyloid- β^2 deposition in the cerebral cortex in Dementia with Lewy bodies is accompanied by a relative increase in A β^{2PP} mRNA isoforms containing the Kunitz protease inhibitor. <i>Neurochemistry International</i> , 2005, 46, 253-260.	1.9	22
29	Secretory pathway retention of mutant prion protein induces p38-MAPK activation and lethal disease in mice. <i>Scientific Reports</i> , 2016, 6, 24970.	1.6	22
30	N-Glycans and Glycosylphosphatidylinositol-Anchors Act on Polarized Sorting of Mouse PrPC in Madin-Darby Canine Kidney Cells. <i>PLoS ONE</i> , 2011, 6, e24624.	1.1	19
31	Low molecular weight species of tau in Alzheimer's disease are dependent on tau phosphorylation sites but not on delayed post-mortem delay in tissue processing. <i>Neuroscience Letters</i> , 2006, 399, 106-110.	1.0	18
32	Amyloid- β^2 Precursor Protein Modulates the Sorting of Testican-1 and Contributes to Its Accumulation in Brain Tissue and Cerebrospinal Fluid from Patients with Alzheimer Disease. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2016, 75, 903-916.	0.9	18
33	Ligands binding to the prion protein induce its proteolytic release with therapeutic potential in neurodegenerative proteinopathies. <i>Science Advances</i> , 2021, 7, eabj1826.	4.7	18
34	Shedding light on prion disease. <i>Prion</i> , 2015, 9, 244-256.	0.9	17
35	Transgenic Overexpression of the Disordered Prion Protein N1 Fragment in Mice Does Not Protect Against Neurodegenerative Diseases Due to Impaired ER Translocation. <i>Molecular Neurobiology</i> , 2020, 57, 2812-2829.	1.9	17
36	Brain-Derived Extracellular Vesicles in Health and Disease: A Methodological Perspective. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1365.	1.8	17

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37	Ubiquitin-negative mini-pick-like bodies in the dentate gyrus in p301l tauopathy. <i>Journal of Alzheimer's Disease</i> , 2004, 5, 445-454.	1.2	16
38	Individual and regional variations of phospho-tau species in progressive supranuclear palsy. <i>Acta Neuropathologica</i> , 2005, 110, 261-268.	3.9	15
39	Prion protein oligomers cause neuronal cytoskeletal damage in rapidly progressive Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2021, 16, 11.	4.4	15
40	Methylazoximethanol acetate-induced cell death in the granule cell layer of the developing mouse cerebellum is associated with caspase-3 activation, but does not depend on the tissue-type plasminogen activator. <i>Neuroscience Letters</i> , 2001, 299, 77-80.	1.0	10
41	Show Me Your Friends and I Tell You Who You Are: The Many Facets of Prion Protein in Stroke. <i>Cells</i> , 2020, 9, 1609.	1.8	6
42	Multiplexed mRNA analysis of brain-derived extracellular vesicles upon experimental stroke in mice reveals increased mRNA content with potential relevance to inflammation and recovery processes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	6
43	Expression of transcription factors c-Fos, c-Jun, CREB-1 and ATF-2, and caspase-3 in relation with abnormal tau deposits in Pick's disease. <i>Acta Neuropathologica</i> , 2006, 111, 341-350.	3.9	4
44	Anchorless risk or released benefit? An updated view on the ADAM10-mediated shedding of the prion protein. <i>Cell and Tissue Research</i> , 2023, 392, 215-234.	1.5	4
45	Misfolding leads the way to unraveling signaling pathways in the pathophysiology of prion diseases. <i>Prion</i> , 2016, 10, 434-443.	0.9	2
46	Immediate Early Genes, Inducible Transcription Factors and Stress Kinases in Alzheimer's Disease. , 2006, , 243-260.		1
47	Molecular Mechanisms of Prion Diseases. , 2019, , .		0