Estibaliz Capetillo-Zarate

List of Publications by Year
in descending order

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36 papers	2,700 citations	279701 23 h-index	360920 35 g-index
46 all docs	46 docs citations	46 times ranked	4948 citing authors

#	Article	IF	Citations
1	Characterization of molecular biomarkers in cerebrospinal fluid and serum of E46K-SNCA mutation carriers. Parkinsonism and Related Disorders, 2022, 96, 29-35.	1.1	2
2	Amyloid Î² / PKC-dependent alterations in NMDA receptor composition are detected in early stages of AlzheimerÂ´s disease. Cell Death and Disease, 2022, 13, 253.	2.7	16
3	A Neuron, Microglia, and Astrocyte Triple Co-culture Model to Study Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2022, 14, 844534.	1.7	18
4	Recombinant Integrin Î²1 Signal Peptide Blocks Gliosis Induced by AÎ² Oligomers. International Journal of Molecular Sciences, 2022, 23, 5747.	1.8	1
5	Polyphenols attenuate mitochondrial dysfunction induced by amyloid peptides. , 2021, , 317-337.		0
6	Effects of Platelet-Rich Plasma on Cellular Populations of the Central Nervous System: The Influence of Donor Age. International Journal of Molecular Sciences, 2021, 22, 1725.	1.8	12
7	Whole Blood Expression Pattern of Inflammation and Redox Genes in Mild Alzheimerâ€™s Disease. Journal of Inflammation Research, 2021, Volume 14, 6085-6102.	1.6	9
8	APP depletion alters selective pre- and post-synaptic proteins. Molecular and Cellular Neurosciences, 2019, 95, 86-95.	1.0	26
9	Synaptic activity protects against AD and FTD-like pathology via autophagic-lysosomal degradation. Molecular Psychiatry, 2018, 23, 1530-1540.	4.1	39
10	Contribution of Neurons and Glial Cells to Complement-Mediated Synapse Removal during Development, Aging and in Alzheimerâ€™s Disease. Mediators of Inflammation, 2018, 2018, 1-12.	1.4	54
11	P2X4 receptor controls microglia activation and favors remyelination in autoimmune encephalitis. EMBO Molecular Medicine, 2018, 10, .	3.3	141
12	Targeting Beta-Amyloid at the CSF: A New Therapeutic Strategy in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 100.	1.7	20
13	Mangiferin and Morin Attenuate Oxidative Stress, Mitochondrial Dysfunction, and Neurocytotoxicity, Induced by Amyloid Beta Oligomers. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	1.9	62
14	The endocytic pathway in microglia during health, aging and Alzheimerâ€™s disease. Ageing Research Reviews, 2016, 32, 89-103.	5.0	93
15	Monocyte-Derived Dendritic Cells Upregulate Extracellular Catabolism of Aggregated Low-Density Lipoprotein on Maturation, Leading to Foam Cell Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2092-2103.	1.1	28
16	O3-05-03: SYNAPTIC ALTERATIONS IN APP KNOCKOUT NEURONS. , 2014, 10, P217-P217.		0
17	Accumulation of Intraneuronal Î²-Amyloid 42 Peptides Is Associated with Early Changes in Microtubule-Associated Protein 2 in Neurites and Synapses. PLoS ONE, 2013, 8, e51965.	1.1	48
18	Transgenic Expression of Intraneuronal AÎ²₄₂But Not AÎ²₄₀Leads to Cellular AÎ² Lesions, Degeneration, and Functional Impairment without Typical Alzheimer's Disease Pathology. Journal of Neuroscience, 2012, 32, 1273-1283.	1.7	44

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19	Dispersible amyloid Î²-protein oligomers, protofibrils, and fibrils represent diffusible but not soluble aggregates: their role in neurodegeneration in amyloid precursor protein (APP) transgenic mice. Neurobiology of Aging, 2012, 33, 2641-2660.	1.5	50
20	Intraneuronal AÃŸ Accumulation, Amyloid Plaques, and Synapse Pathology in AlzheimerÂ's Disease. Neurodegenerative Diseases, 2012, 10, 56-59.	0.8	21
21	High-Resolution 3D Reconstruction Reveals Intra-Synaptic Amyloid Fibrils. American Journal of Pathology, 2011, 179, 2551-2558.	1.9	27
22	Impaired Î²-Amyloid Secretion in Alzheimer's Disease Pathogenesis. Journal of Neuroscience, 2011, 31, 15384-15390.	1.7	35
23	Degradation of Alzheimer's amyloid fibrils by microglia requires delivery of ClC-7 to lysosomes. Molecular Biology of the Cell, 2011, 22, 1664-1676.	0.9	86
24	Intraneuronal Î²-amyloid accumulation and synapse pathology in Alzheimerâ€™s disease. Acta Neuropathologica, 2010, 119, 523-541.	3.9	341
25	Dysregulation of the mTOR Pathway Mediates Impairment of Synaptic Plasticity in a Mouse Model of Alzheimer's Disease. PLoS ONE, 2010, 5, e12845.	1.1	219
26	Effects of Synaptic Modulation on Î²-Amyloid, Synaptophysin, and Memory Performance in Alzheimer's Disease Transgenic Mice. Journal of Neuroscience, 2010, 30, 14299-14304.	1.7	125
27	Co-occurrence of Alzheimer's disease Î²-amyloid and tau pathologies at synapses. Neurobiology of Aging, 2010, 31, 1145-1152.	1.5	116
28	Synaptic Activity Reduces Intraneuronal AÎ², Promotes APP Transport to Synapses, and Protects against AÎ²-Related Synaptic Alterations. Journal of Neuroscience, 2009, 29, 9704-9713.	1.7	119
29	Capillary cerebral amyloid angiopathy is associated with vessel occlusion and cerebral blood flow disturbances. Neurobiology of Aging, 2009, 30, 1936-1948.	1.5	116
30	Tracing of temporo-entorhinal connections in the human brain: cognitively impaired argyrophilic grain disease cases show dendritic alterations but no axonal disconnection of temporo-entorhinal association neurons. Acta Neuropathologica, 2008, 115, 175-183.	3.9	13
31	Inter-laboratory comparison of neuropathological assessments of Î²-amyloid protein: a study of the BrainNet Europe consortium. Acta Neuropathologica, 2008, 115, 533-546.	3.9	86
32	Occurrence and co-localization of amyloid Î²-protein and apolipoprotein E in perivascular drainage channels of wild-type and APP-transgenic mice. Neurobiology of Aging, 2007, 28, 1221-1230.	1.5	53
33	Vesicular glutamate release from axons in white matter. Nature Neuroscience, 2007, 10, 311-320.	7.1	408
34	Selective vulnerability of different types of commissural neurons for amyloid Â-protein-induced neurodegeneration in APP23 mice correlates with dendritic tree morphology. Brain, 2006, 129, 2992-3005.	3.7	43
35	The Development of Amyloid beta Protein Deposits in the Aged Brain. Science of Aging Knowledge Environment: SAGE KE, 2006, 2006, re1-re1.	0.9	174
36	Apolipoprotein E co-localizes with newly formed amyloid Î²-protein (AÎ²) deposits lacking immunoreactivity against N-terminal epitopes of AÎ² in a genotype-dependent manner. Acta Neuropathologica, 2005, 110, 459-471.	3.9	50