Estibaliz Capetillo-Zarate

List of Publications by Year
in descending order

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36 papers	2,700 citations	279778 23 h-index	361001 35 g-index
46 all docs	46 docs citations	46 times ranked	4948 citing authors

#	Article	IF	Citations
1	Vesicular glutamate release from axons in white matter. Nature Neuroscience, 2007, 10, 311-320.	14.8	408
2	Intraneuronal Î²-amyloid accumulation and synapse pathology in Alzheimerâ€™s disease. Acta Neuropathologica, 2010, 119, 523-541.	7.7	341
3	Dysregulation of the mTOR Pathway Mediates Impairment of Synaptic Plasticity in a Mouse Model of Alzheimer's Disease. PLoS ONE, 2010, 5, e12845.	2.5	219
4	The Development of Amyloid beta Protein Deposits in the Aged Brain. Science of Aging Knowledge Environment: SAGE KE, 2006, 2006, re1-re1.	0.8	174
5	P2X4 receptor controls microglia activation and favors remyelination in autoimmune encephalitis. EMBO Molecular Medicine, 2018, 10, .	6.9	141
6	Effects of Synaptic Modulation on Î²-Amyloid, Synaptophysin, and Memory Performance in Alzheimer's Disease Transgenic Mice. Journal of Neuroscience, 2010, 30, 14299-14304.	3.6	125
7	Synaptic Activity Reduces Intraneuronal AÎ², Promotes APP Transport to Synapses, and Protects against AÎ²-Related Synaptic Alterations. Journal of Neuroscience, 2009, 29, 9704-9713.	3.6	119
8	Capillary cerebral amyloid angiopathy is associated with vessel occlusion and cerebral blood flow disturbances. Neurobiology of Aging, 2009, 30, 1936-1948.	3.1	116
9	Co-occurrence of Alzheimer's disease Î²-amyloid and tau pathologies at synapses. Neurobiology of Aging, 2010, 31, 1145-1152.	3.1	116
10	The endocytic pathway in microglia during health, aging and Alzheimerâ€™s disease. Ageing Research Reviews, 2016, 32, 89-103.	10.9	93
11	Inter-laboratory comparison of neuropathological assessments of Î²-amyloid protein: a study of the BrainNet Europe consortium. Acta Neuropathologica, 2008, 115, 533-546.	7.7	86
12	Degradation of Alzheimer's amyloid fibrils by microglia requires delivery of ClC-7 to lysosomes. Molecular Biology of the Cell, 2011, 22, 1664-1676.	2.1	86
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.	4.0	62
14	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.	3.0	54
15	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.	3.1	53
16	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.	7.7	50
17	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.	3.1	50
18	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.	2.5	48

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19	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.	3.6	44
20	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.	7.6	43
21	Synaptic activity protects against AD and FTD-like pathology via autophagic-lysosomal degradation. Molecular Psychiatry, 2018, 23, 1530-1540.	7.9	39
22	Impaired Î²-Amyloid Secretion in Alzheimer's Disease Pathogenesis. Journal of Neuroscience, 2011, 31, 15384-15390.	3.6	35
23	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.	2.4	28
24	High-Resolution 3D Reconstruction Reveals Intra-Synaptic Amyloid Fibrils. American Journal of Pathology, 2011, 179, 2551-2558.	3.8	27
25	APP depletion alters selective pre- and post-synaptic proteins. Molecular and Cellular Neurosciences, 2019, 95, 86-95.	2.2	26
26	Intraneuronal AÃŸ Accumulation, Amyloid Plaques, and Synapse Pathology in AlzheimerÂ's Disease. Neurodegenerative Diseases, 2012, 10, 56-59.	1.4	21
27	Targeting Beta-Amyloid at the CSF: A New Therapeutic Strategy in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 100.	3.4	20
28	A Neuron, Microglia, and Astrocyte Triple Co-culture Model to Study Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2022, 14, 844534.	3.4	18
29	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.	6.3	16
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.	7.7	13
31	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.	4.1	12
32	Whole Blood Expression Pattern of Inflammation and Redox Genes in Mild Alzheimerâ€™s Disease. Journal of Inflammation Research, 2021, Volume 14, 6085-6102.	3.5	9
33	Characterization of molecular biomarkers in cerebrospinal fluid and serum of E46K-SNCA mutation carriers. Parkinsonism and Related Disorders, 2022, 96, 29-35.	2.2	2
34	Recombinant Integrin Î²1 Signal Peptide Blocks Gliosis Induced by AÎ² Oligomers. International Journal of Molecular Sciences, 2022, 23, 5747.	4.1	1
35	O3-05-03: SYNAPTIC ALTERATIONS IN APP KNOCKOUT NEURONS. , 2014, 10, P217-P217.		0
36	Polyphenols attenuate mitochondrial dysfunction induced by amyloid peptides. , 2021, , 317-337.		0