

# Mara-Salud Garca-Aylln

## List of Publications by Citations

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39  
papers

1,045  
citations

17  
h-index

32  
g-index

39  
ext. papers

1,217  
ext. citations

5.8  
avg, IF

3.75  
L-index

#	Paper	IF	Citations
39	Reelin expression and glycosylation patterns are altered in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 5573-8	11.5	160
38	Revisiting the Role of Acetylcholinesterase in Alzheimer's Disease: Cross-Talk with P-tau and A $\beta$ Amyloid. <i>Frontiers in Molecular Neuroscience</i> , <b>2011</b> , 4, 22	6.1	141
37	Brain edema and inflammatory activation in bile duct ligated rats with diet-induced hyperammonemia: A model of hepatic encephalopathy in cirrhosis. <i>Hepatology</i> , <b>2006</b> , 43, 1257-66	11.2	122
36	Brain cholinergic impairment in liver failure. <i>Brain</i> , <b>2008</b> , 131, 2946-56	11.2	74
35	Altered levels of acetylcholinesterase in Alzheimer plasma. <i>PLoS ONE</i> , <b>2010</b> , 5, e8701	3.7	67
34	Neuromuscular Junction Impairment in Amyotrophic Lateral Sclerosis: Reassessing the Role of Acetylcholinesterase. <i>Frontiers in Molecular Neuroscience</i> , <b>2016</b> , 9, 160	6.1	38
33	Changes in liver and plasma acetylcholinesterase in rats with cirrhosis induced by bile duct ligation. <i>Hepatology</i> , <b>2006</b> , 43, 444-53	11.2	34
32	Validation of a quantitative cerebrospinal fluid alpha-synuclein assay in a European-wide interlaboratory study. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2587-96	5.6	29
31	Cerebrospinal fluid acetylcholinesterase changes after treatment with donepezil in patients with Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2007</b> , 101, 1701-11	6	25
30	Levels of ADAM10 are reduced in Alzheimer's disease CSF. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 213	10.1	24
29	Readthrough acetylcholinesterase is increased in human liver cirrhosis. <i>PLoS ONE</i> , <b>2012</b> , 7, e44598	3.7	23
28	ApoER2 processing by presenilin-1 modulates reelin expression. <i>FASEB Journal</i> , <b>2014</b> , 28, 1543-54	0.9	22
27	C-terminal fragments of the amyloid precursor protein in cerebrospinal fluid as potential biomarkers for Alzheimer disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 2477	4.9	21
26	Association between acetylcholinesterase and beta-amyloid peptide in Alzheimer's cerebrospinal fluid. <i>Chemico-Biological Interactions</i> , <b>2008</b> , 175, 209-15	5	21
25	Altered expression of brain acetylcholinesterase in FTDP-17 human tau transgenic mice. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 624.e23-34	5.6	19
24	Changes in acetylcholinesterase expression are associated with altered presenilin-1 levels. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 627.e27-37	5.6	19
23	Increased Expression of Readthrough Acetylcholinesterase Variants in the Brains of Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 53, 831-41	4.3	18

22	CSF Presenilin-1 complexes are increased in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , <b>2013</b> , 1, 46	7.3	16
21	Acetylcholinesterase protein level is preserved in the Alzheimer's brain. <i>Journal of Molecular Neuroscience</i> , <b>2014</b> , 53, 446-53	3.3	15
20	Altered glycosylation of acetylcholinesterase in the Creutzfeldt-Jakob cerebrospinal fluid. <i>Journal of Molecular Neuroscience</i> , <b>2006</b> , 30, 65-6	3.3	14
19	Inhibition of B-secretase Leads to an Increase in Presenilin-1. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 5047-5058	6.2	13
18	Transmembrane Amyloid-Related Proteins in CSF as Potential Biomarkers for Alzheimer's Disease. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 125	4.1	13
17	Acetylcholinesterase modulates presenilin-1 levels and B-secretase activity. <i>Journal of Alzheimers Disease</i> , <b>2014</b> , 41, 911-24	4.3	12
16	Identification of inactive ecto-5'nucleotidase in normal mouse muscle and its increased activity in dystrophic Lama2(dy) mice. <i>Journal of Neuroscience Research</i> , <b>2001</b> , 66, 656-65	4.4	12
15	Identification of hybrid cholinesterase forms consisting of acetyl- and butyrylcholinesterase subunits in human glioma. <i>Neuroscience</i> , <b>2001</b> , 107, 199-208	3.9	11
14	Characterization of molecular forms of acetyl- and butyrylcholinesterase in human acoustic neurinomas. <i>Neuroscience Letters</i> , <b>1999</b> , 274, 56-60	3.3	9
13	HNK-1 Carrier Glycoproteins Are Decreased in the Alzheimer's Disease Brain. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 188-199	6.2	8
12	Pre-analytical stability of novel cerebrospinal fluid biomarkers. <i>Clinica Chimica Acta</i> , <b>2019</b> , 497, 204-211	6.2	8
11	Amphiphilic properties of acetylcholinesterase monomers in mouse plasma. <i>Neuroscience Letters</i> , <b>1999</b> , 265, 211-4	3.3	8
10	Presenilin-1 influences processing of the acetylcholinesterase membrane anchor PRiMA. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 1526-36	5.6	7
9	Plasma ACE2 species are differentially altered in COVID-19 patients. <i>FASEB Journal</i> , <b>2021</b> , 35, e21745	0.9	7
8	Measurement of CSF B-synuclein improves early differential diagnosis of mild cognitive impairment due to Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2019</b> , 150, 218-230	6	6
7	Tau phosphorylation by glycogen synthase kinase 3β modulates enzyme acetylcholinesterase expression. <i>Journal of Neurochemistry</i> , <b>2021</b> , 157, 2091-2105	6	6
6	Cerebrospinal fluid Presenilin-1 increases at asymptomatic stage in genetically determined Alzheimer's disease. <i>Molecular Neurodegeneration</i> , <b>2016</b> , 11, 66	19	6
5	Acetylcholinesterase level and molecular isoforms are altered in brain of Reelin Orleans mutant mice. <i>Journal of Neurochemistry</i> , <b>2003</b> , 87, 773-9	6	5

4	Active and inactive ecto-5βnucleotidase variants in liver of control and dystrophic Lama2dy mice. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2004</b> , 36, 422-33	5.6	5
3	βSecretase nonsense mutation (ADAM10 Tyr167*) in familial Alzheimer's disease. <i>Alzheimers Research and Therapy</i> , <b>2020</b> , 12, 139	9	3
2	P3-067: ELEVATED ACETYLCHOLINESTERASE LEVELS BY HYPERPHOSPHORYLATED TAU OVEREXPRESSION <b>2014</b> , 10, P651-P651		2
1	Relation between Alpha-Synuclein and Core CSF Biomarkers of Alzheimer's Disease. <i>Medicina (Lithuania)</i> , <b>2021</b> , 57,	3.1	2