Amyloid precursor proteins are constituents of the pres

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Citation Report

#	Article	IF	Citations
1	The Proteome of the Murine Presynaptic Active Zone. Proteomes, 2014, 2, 243-257.	1.7	6
2	Neurogenin 2 Mediates Amyloid-Î ² Precursor Protein-stimulated Neurogenesis. Journal of Biological Chemistry, 2014, 289, 31253-31261.	1.6	21
3	Differential role of APP and APLPs for neuromuscular synaptic morphology and function. Molecular and Cellular Neurosciences, 2014, 61, 201-210.	1.0	44
4	The proteome of the presynaptic active zone from mouse brain. Molecular and Cellular Neurosciences, 2014, 59, 106-118.	1.0	59
5	Synaptic and Sub-Synaptic Localization of Amyloid-β Protein Precursor in the Rat Hippocampus. Journal of Alzheimer's Disease, 2014, 40, 981-992.	1.2	16
6	Cerebrospinal Fluid A <i>β</i> ₄₂ Levels: When Physiological Become Pathological State. CNS Neuroscience and Therapeutics, 2015, 21, 921-925.	1.9	41
7	Regional Specializations of the PAZ Proteomes Derived from Mouse Hippocampus, Olfactory Bulb and Cerebellum. Proteomes, 2015, 3, 74-88.	1.7	5
8	The APP Intracellular Domain Is Required for Normal Synaptic Morphology, Synaptic Plasticity, and Hippocampus-Dependent Behavior. Journal of Neuroscience, 2015, 35, 16018-16033.	1.7	67
9	Acute function of secreted amyloid precursor protein fragment APPsα in synaptic plasticity. Acta Neuropathologica, 2015, 129, 21-37.	3.9	149
10	Preâ€synaptic localization of the γâ€secretaseâ€inhibiting protein p24α ₂ in the mammalian brain. Journal of Neurochemistry, 2015, 133, 422-431.	2.1	6
11	Molecular mechanisms of memory in imprinting. Neuroscience and Biobehavioral Reviews, 2015, 50, 56-69.	2.9	40
12	The synaptic proteome. Cell and Tissue Research, 2015, 359, 255-265.	1.5	31
13	The Neuroprotective Properties of the Amyloid Precursor Protein Following Traumatic Brain Injury. , 2016, 7, 163.		84
14	Region-Specific Differences in Amyloid Precursor Protein Expression in the Mouse Hippocampus. Frontiers in Molecular Neuroscience, 2016, 9, 134.	1.4	25
15	The Amyloid Precursor Protein—A Novel Player within the Molecular Array of Presynaptic Nanomachines. Frontiers in Synaptic Neuroscience, 2015, 7, 21.	1.3	10
16	APP Is a Context-Sensitive Regulator of the Hippocampal Presynaptic Active Zone. PLoS Computational Biology, 2016, 12, e1004832.	1.5	22
17	Physical Exercise and Brain Mitochondrial Fitness: The Possible Role Against <scp>A</scp> lzheimer's Disease. Brain Pathology, 2016, 26, 648-663.	2.1	73
18	Age-Related Changes in the Synaptic Density of Amyloid-β Protein Precursor and Secretases in the Human Cerebral Cortex, Journal of Alzheimer's Disease, 2016, 52, 1209-1214.	1.2	8

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#	Article	IF	Citations
19	Neuronal expression of ILEI/FAM3C and its reduction in Alzheimer's disease. Neuroscience, 2016, 330, 236-246.	1.1	21
20	Viral gene transfer of APPsα rescues synaptic failure in an Alzheimer's disease mouse model. Acta Neuropathologica, 2016, 131, 247-266.	3.9	131
21	The Association of Amyloid-β Protein Precursor With α- and β-Secretases in Mouse Cerebral Cortex Synapses Is Altered in Early Alzheimer's Disease. Molecular Neurobiology, 2016, 53, 5710-5721.	1.9	19
22	APLP1 Is a Synaptic Cell Adhesion Molecule, Supporting Maintenance of Dendritic Spines and Basal Synaptic Transmission. Journal of Neuroscience, 2017, 37, 5345-5365.	1.7	55
23	Not just amyloid: physiological functions of the amyloid precursor protein family. Nature Reviews Neuroscience, 2017, 18, 281-298.	4.9	434
24	Targeting of Disordered Proteins by Small Molecules in Neurodegenerative Diseases. Handbook of Experimental Pharmacology, 2017, 245, 85-110.	0.9	13
25	Human Brain-Derived AÎ ² Oligomers Bind to Synapses and Disrupt Synaptic Activity in a Manner That Requires APP. Journal of Neuroscience, 2017, 37, 11947-11966.	1.7	108
26	Novel Insights into the Physiological Function of the APP (Gene) Family and Its Proteolytic Fragments in Synaptic Plasticity. Frontiers in Molecular Neuroscience, 2016, 9, 161.	1.4	48
27	APP—A Novel Player within the Presynaptic Active Zone Proteome. Frontiers in Molecular Neuroscience, 2017, 10, 43.	1.4	14
28	Amyloid-precursor Like Proteins APLP1 and APLP2 Are Dispensable for Normal Development of the Neonatal Respiratory Network. Frontiers in Molecular Neuroscience, 2017, 10, 189.	1.4	5
29	APP Deletion Accounts for Age-Dependent Changes in the Bioenergetic Metabolism and in Hyperphosphorylated CaMKII at Stimulated Hippocampal Presynaptic Active Zones. Frontiers in Synaptic Neuroscience, 2017, 9, 1.	1.3	12
30	HumanAPPGene Expression Alters Active Zone Distribution and Spontaneous Neurotransmitter Release at theDrosophilaLarval Neuromuscular Junction. Neural Plasticity, 2017, 2017, 1-10.	1.0	5
31	Aβ ₄₂ oligomers impair the bioenergetic activity in hippocampal synaptosomes derived from APP-KO mice. Biological Chemistry, 2018, 399, 453-465.	1.2	2
32	Presenilin-mediated cleavage of APP regulates synaptotagmin-7 and presynaptic plasticity. Nature Communications, 2018, 9, 4780.	5.8	44
33	Amyloid Precursor Protein (APP) and GABAergic Neurotransmission. Cells, 2019, 8, 550.	1.8	24
34	Reciprocal modulation between amyloid precursor protein and synaptic membrane cholesterol revealed by live cell imaging. Neurobiology of Disease, 2019, 127, 449-461.	2.1	18
35	Design and structural characterisation of olfactomedin-1 variants as tools for functional studies. BMC Molecular and Cell Biology, 2019, 20, 50.	1.0	2
36	Transmembrane emp24 domain proteins in development and disease Genetical Research, 2019, 101, e14.	0.3	41

CITATION REPORT

CITATION REPORT

#	Article	IF	CITATIONS
37	Analysis of Motor Function in Amyloid Precursor-Like Protein 2 Knockout Mice: The Effects of Ageing and Sex. Neurochemical Research, 2019, 44, 1356-1366.	1.6	6
38	Regulation of Neurotransmitter Release by Amyloid Precursor Protein Through Synapsin Phosphorylation. Neurochemical Research, 2019, 44, 683-691.	1.6	13
39	A novel structure associated with aging is augmented in the DPP6-KO mouse brain. Acta Neuropathologica Communications, 2020, 8, 197.	2.4	5
40	Intracellular Trafficking Mechanisms of Synaptic Dysfunction in Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2020, 14, 72.	1.8	31
41	Presynaptic failure in Alzheimer's disease. Progress in Neurobiology, 2020, 194, 101801.	2.8	46
42	Amyloid precursor protein-b facilitates cell adhesion during early development in zebrafish. Scientific Reports, 2020, 10, 10127.	1.6	18
43	Amyloid-β Protein Precursor Regulates Depolarization-Induced Calcium-Mediated Synaptic Signaling in Brain Slices. Journal of Alzheimer's Disease, 2020, 76, 1121-1133.	1.2	3
44	Deciphering the neuroprotective and neurogenic potential of soluble amyloid precursor protein alpha (sAPPI±). Cellular and Molecular Life Sciences, 2020, 77, 2315-2330.	2.4	35
45	Lack of APP and APLP2 in GABAergic Forebrain Neurons Impairs Synaptic Plasticity and Cognition. Cerebral Cortex, 2020, 30, 4044-4063.	1.6	14
46	The Interplay between Diabetes and Alzheimer's Disease—In the Hunt for Biomarkers. International Journal of Molecular Sciences, 2020, 21, 2744.	1.8	18
47	Extracellular Release of ILEI/FAM3C and Amyloid-β Is Associated with the Activation of Distinct Synapse Subpopulations. Journal of Alzheimer's Disease, 2021, 80, 159-174.	1.2	5
48	Functional Genomics of Axons and Synapses to Understand Neurodegenerative Diseases. Frontiers in Cellular Neuroscience, 2021, 15, 686722.	1.8	9
49	Fe65: A Scaffolding Protein of Actin Regulators. Cells, 2021, 10, 1599.	1.8	8
50	Genome-wide analysis of retinal transcriptome reveals common genetic network underlying perception of contrast and optical defocus detection. BMC Medical Genomics, 2021, 14, 153.	0.7	8
51	Subcellular Fractionation of Brain Tissue from Small Tissue Explants. Neuromethods, 2018, , 75-84.	0.2	7
53	APLP2 Regulates Refractive Error and Myopia Development in Mice and Humans. PLoS Genetics, 2015, 11, e1005432.	1.5	77
54	\hat{l}_{\pm} -Synuclein increases \hat{l}_{\pm} -amyloid secretion by promoting $\hat{l}_{\pm}/\hat{l}_{\pm}$ -secretase processing of APP. PLoS ONE, 2017, 12, e0171925.	1.1	45
55	APP and APLP2 interact with the synaptic release machinery and facilitate transmitter release at hippocampal synapses. ELife, 2015, 4, e09743.	2.8	73

CITATION REPORT

#	Article	IF	CITATIONS
59	The Amyloid Precursor Protein: More than Just Amyloid- Beta. Journal of Neurology and Experimental Neuroscience, 2019, 05, .	0.2	2
61	Synaptic dysfunction in early phases of Alzheimer's Disease. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 417-438.	1.0	27
62	Human microRNA (miR-20b-5p) modulates Alzheimer's disease pathways and neuronal function, and a specific polymorphism close to the MIR20B gene influences Alzheimer's biomarkers. Molecular Psychiatry, 2022, 27, 1256-1273.	4.1	26
63	Organization of Presynaptic Autophagy-Related Processes. Frontiers in Synaptic Neuroscience, 2022, 14, 829354.	1.3	10
65	Alzheimer's disease/dementia-associated brain pathology in aging DPP6-KO mice. Neurobiology of Disease, 2022, 174, 105887.	2.1	1
66	Lack of APLP1 leads to subtle alterations in neuronal morphology but does not affect learning and memory. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	2
67	Amyloid precursor protein ?CTF accumulates in synapses in sporadic and genetic forms of Alzheimer's disease. Neuropathology and Applied Neurobiology, 2023, 49, .	1.8	0