Mikael Marttinen

List of Publications by Year
in descending order

21 papers	798 citations	623734 14 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	1578 citing authors

#	Article	IF	Citations
1	Altered Insulin Signaling in Alzheimerâ€™s Disease Brain â€“ Special Emphasis on PI3K-Akt Pathway. Frontiers in Neuroscience, 2019, 13, 629.	2.8	235
2	Synaptic dysfunction and septin protein family members in neurodegenerative diseases. Molecular Neurodegeneration, 2015, 10, 16.	10.8	95
3	Molecular Mechanisms of Synaptotoxicity and Neuroinflammation in Alzheimerâ€™s Disease. Frontiers in Neuroscience, 2018, 12, 963.	2.8	65
4	The Alzheimerâ€™s disease-associated protective PlcÎ³2-P522R variant promotes immune functions. Molecular Neurodegeneration, 2020, 15, 52.	10.8	48
5	Astrocytes and Microglia as Potential Contributors to the Pathogenesis of C9orf72 Repeat Expansion-Associated FTLD and ALS. Frontiers in Neuroscience, 2019, 13, 486.	2.8	47
6	BIN1 recovers tauopathy-induced long-term memory deficits in mice and interacts with Tau through Thr348 phosphorylation. Acta Neuropathologica, 2019, 138, 631-652.	7.7	44
7	A multiomic approach to characterize the temporal sequence in Alzheimer's disease-related pathology. Neurobiology of Disease, 2019, 124, 454-468.	4.4	41
8	DHCR24 exerts neuroprotection upon inflammation-induced neuronal death. Journal of Neuroinflammation, 2017, 14, 215.	7.2	34
9	Alzheimerâ€™s genetic risk factor FERMT2 (Kindlin-2) controls axonal growth and synaptic plasticity in an APP-dependent manner. Molecular Psychiatry, 2021, 26, 5592-5607.	7.9	28
10	Relationship between ubiquilin-1 and BACE1 in human Alzheimer's disease and APdE9 transgenic mouse brain and cell-based models. Neurobiology of Disease, 2016, 85, 187-205.	4.4	27
11	Intranasal insulin activates Akt2 signaling pathway in the hippocampus of wild-type but not in APP/PS1 Alzheimer model mice. Neurobiology of Aging, 2019, 75, 98-108.	3.1	24
12	Diabetic phenotype in mouse and humans reduces the number of microglia around Î²-amyloid plaques. Molecular Neurodegeneration, 2020, 15, 66.	10.8	22
13	Decreased plasma Câ€reactive protein levels in <i><scp>APOE</scp> Îµ</i>4 allele carriers. Annals of Clinical and Translational Neurology, 2018, 5, 1229-1240.	3.7	18
14	Genetic Variation in Î´-Opioid Receptor Associates with Increased Î²- and Î³-Secretase Activity in the Late Stages of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2015, 48, 507-516.	2.6	16
15	SEPT8 modulates Î²-amyloidogenic processing of APP via affecting the sorting and accumulation of BACE1. Journal of Cell Science, 2016, 129, 2224-38.	2.0	15
16	Presynaptic Vesicle Protein SEPTIN5 Regulates the Degradation of APP C-Terminal Fragments and the Levels of AÎ². Cells, 2020, 9, 2482.	4.1	8
17	MECP2 Increases the Pro-Inflammatory Response of Microglial Cells and Phosphorylation at Serine 423 Regulates Neuronal Gene Expression upon Neuroinflammation. Cells, 2021, 10, 860.	4.1	8
18	Behavioral testing of mice exposed to intermediate frequency magnetic fields indicates mild memory impairment. PLoS ONE, 2017, 12, e0188880.	2.5	7

#	Article	IF	Citations
19	Supervised pathway analysis of blood gene expression profiles in Alzheimer's disease. Neurobiology of Aging, 2019, 84, 98-108.	3.1	7
20	S327 phosphorylation of the presynaptic protein SEPTIN5 increases in the early stages of neurofibrillary pathology and alters the functionality of SEPTIN5. Neurobiology of Disease, 2022, 163, 105603.	4.4	4
21	Interrelationship between the Levels of C9orf72 and Amyloid-Î² Protein Precursor and Amyloid-Î² in Human CellsÂand Brain Samples. Journal of Alzheimer's Disease, 2018, 62, 269-278.	2.6	3