

Mikael Marttinen

List of Publications by Year in descending order

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21
papers

798
citations

623734

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677142

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24
times ranked

1578
citing authors

#	ARTICLE	IF	CITATIONS
1	S327 phosphorylation of the presynaptic protein SEPTIN5 increases in the early stages of neurofibrillary pathology and alters the functionality of SEPTIN5. <i>Neurobiology of Disease</i> , 2022, 163, 105603.	4.4	4
2	Alzheimer's genetic risk factor FERMT2 (Kindlin-2) controls axonal growth and synaptic plasticity in an APP-dependent manner. <i>Molecular Psychiatry</i> , 2021, 26, 5592-5607.	7.9	28
3	MECP2 Increases the Pro-Inflammatory Response of Microglial Cells and Phosphorylation at Serine 423 Regulates Neuronal Gene Expression upon Neuroinflammation. <i>Cells</i> , 2021, 10, 860.	4.1	8
4	Presynaptic Vesicle Protein SEPTIN5 Regulates the Degradation of APP C-Terminal Fragments and the Levels of A β . <i>Cells</i> , 2020, 9, 2482.	4.1	8
5	Diabetic phenotype in mouse and humans reduces the number of microglia around A β -amyloid plaques. <i>Molecular Neurodegeneration</i> , 2020, 15, 66.	10.8	22
6	The Alzheimer's disease-associated protective Plc γ 2-P522R variant promotes immune functions. <i>Molecular Neurodegeneration</i> , 2020, 15, 52.	10.8	48
7	Supervised pathway analysis of blood gene expression profiles in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 84, 98-108.	3.1	7
8	Altered Insulin Signaling in Alzheimer's Disease Brain – Special Emphasis on PI3K-Akt Pathway. <i>Frontiers in Neuroscience</i> , 2019, 13, 629.	2.8	235
9	Astrocytes and Microglia as Potential Contributors to the Pathogenesis of C9orf72 Repeat Expansion-Associated FTL and ALS. <i>Frontiers in Neuroscience</i> , 2019, 13, 486.	2.8	47
10	BIN1 recovers tauopathy-induced long-term memory deficits in mice and interacts with Tau through Thr348 phosphorylation. <i>Acta Neuropathologica</i> , 2019, 138, 631-652.	7.7	44
11	A multiomic approach to characterize the temporal sequence in Alzheimer's disease-related pathology. <i>Neurobiology of Disease</i> , 2019, 124, 454-468.	4.4	41
12	Intranasal insulin activates Akt2 signaling pathway in the hippocampus of wild-type but not in APP/PS1 Alzheimer model mice. <i>Neurobiology of Aging</i> , 2019, 75, 98-108.	3.1	24
13	Interrelationship between the Levels of C9orf72 and Amyloid- β Protein Precursor and Amyloid- β in Human Cells and Brain Samples. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 269-278.	2.6	3
14	Decreased plasma C-reactive protein levels in APOE ϵ 4 allele carriers. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1229-1240.	3.7	18
15	Molecular Mechanisms of Synaptotoxicity and Neuroinflammation in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 963.	2.8	65
16	DHCR24 exerts neuroprotection upon inflammation-induced neuronal death. <i>Journal of Neuroinflammation</i> , 2017, 14, 215.	7.2	34
17	Behavioral testing of mice exposed to intermediate frequency magnetic fields indicates mild memory impairment. <i>PLoS ONE</i> , 2017, 12, e0188880.	2.5	7
18	SEPT8 modulates A β -amyloidogenic processing of APP via affecting the sorting and accumulation of BACE1. <i>Journal of Cell Science</i> , 2016, 129, 2224-38.	2.0	15

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19	Relationship between ubiquilin-1 and BACE1 in human Alzheimer's disease and APdE9 transgenic mouse brain and cell-based models. <i>Neurobiology of Disease</i> , 2016, 85, 187-205.	4.4	27
20	Synaptic dysfunction and septin protein family members in neurodegenerative diseases. <i>Molecular Neurodegeneration</i> , 2015, 10, 16.	10.8	95
21	Genetic Variation in $\hat{\nu}$ -Opioid Receptor Associates with Increased $\hat{\nu}^2$ - and $\hat{\nu}^3$ -Secretase Activity in the Late Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 507-516.	2.6	16