

Christian Tackenberg

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

993
citations

516710

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752698

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24
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times ranked

1435
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent Pathways Mediate Spine Alterations and Cell Death Induced by Amyloid- β , Wild-Type Tau, and R406W Tau. <i>Journal of Neuroscience</i> , 2009, 29, 14439-14450.	3.6	128
2	NMDA receptor subunit composition determines beta-amyloid-induced neurodegeneration and synaptic loss. <i>Cell Death and Disease</i> , 2013, 4, e608-e608.	6.3	108
3	Oxidative stress and altered mitochondrial protein expression in the absence of amyloid- β and tau pathology in iPSC-derived neurons from sporadic Alzheimer's disease patients. <i>Stem Cell Research</i> , 2018, 27, 121-130.	0.7	107
4	Thin, Stubby or Mushroom: Spine Pathology in Alzheimers Disease. <i>Current Alzheimer Research</i> , 2009, 6, 261-268.	1.4	100
5	Tau Aggregation and Progressive Neuronal Degeneration in the Absence of Changes in Spine Density and Morphology after Targeted Expression of Alzheimer's Disease-Relevant Tau Constructs in Organotypic Hippocampal Slices. <i>Journal of Neuroscience</i> , 2006, 26, 6103-6114.	3.6	80
6	Calcium flux-independent NMDA receptor activity is required for $A\beta$ oligomer-induced synaptic loss. <i>Cell Death and Disease</i> , 2015, 6, e1791-e1791.	6.3	71
7	$A\beta$ -mediated spine changes in the hippocampus are microtubule-dependent and can be reversed by a subnanomolar concentration of the microtubule-stabilizing agent epothilone D. <i>Neuropharmacology</i> , 2016, 105, 84-95.	4.1	48
8	Early accumulation of intracellular fibrillar oligomers and late congophilic amyloid angiopathy in mice expressing the Osaka intra- $A\beta$ APP mutation. <i>Translational Psychiatry</i> , 2012, 2, e183-e183.	4.8	45
9	APOE2, E3, and E4 differentially modulate cellular homeostasis, cholesterol metabolism, and inflammatory response in isogenic iPSC-derived astrocytes. <i>Stem Cell Reports</i> , 2022, 17, 110-126.	4.8	40
10	The secreted APP ectodomain sAPP β , but not sAPP γ , protects neurons against $A\beta$ oligomer-induced dendritic spine loss and increased tau phosphorylation. <i>Molecular Brain</i> , 2019, 12, 27.	2.6	36
11	Isoform- and cell-state-specific lipidation of ApoE in astrocytes. <i>Cell Reports</i> , 2022, 38, 110435.	6.4	35
12	A Practical Guide to the Automated Analysis of Vascular Growth, Maturation and Injury in the Brain. <i>Frontiers in Neuroscience</i> , 2020, 14, 244.	2.8	31
13	Characterization of the Blood Brain Barrier Disruption in the Photothrombotic Stroke Model. <i>Frontiers in Physiology</i> , 2020, 11, 586226.	2.8	28
14	Genetic ablation of the p66Shc adaptor protein reverses cognitive deficits and improves mitochondrial function in an APP transgenic mouse model of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2017, 22, 605-614.	7.9	26
15	Active vaccination with ankyrin G reduces β -amyloid pathology in APP transgenic mice. <i>Molecular Psychiatry</i> , 2013, 18, 358-368.	7.9	23
16	Alzheimer's in a dish – induced pluripotent stem cell-based disease modeling. <i>Translational Neurodegeneration</i> , 2019, 8, 21.	8.0	23
17	High-Resolution Imaging and Evaluation of Spines in Organotypic Hippocampal Slice Cultures. <i>Methods in Molecular Biology</i> , 2012, 846, 277-293.	0.9	21
18	Increased maturation of iPSC-derived neurons in a hydrogel-based 3D culture. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109254.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Familial Alzheimer's disease mutations at position 22 of the amyloid β -peptide sequence differentially affect synaptic loss, tau phosphorylation and neuronal cell death in an ex vivo system. PLoS ONE, 2020, 15, e0239584.	2.5	15
20	Intracerebral Transplantation and <i>In Vivo</i> Bioluminescence Tracking of Human Neural Progenitor Cells in the Mouse Brain. Journal of Visualized Experiments, 2022, , .	0.3	4
21	Human tau-dependent toxicity in APP transgenic cultures requires calcium influx through N-methyl-D-aspartate receptors. Matters, 0, , .	1.0	1