Zhi-Hao Wang

List of Publications by Year
in descending order

33 papers	1,607 citations	331670 21 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	2163 citing authors

#	Article	IF	Citations
1	Neuronal ApoE4 stimulates C/EBPÎ² activation, promoting Alzheimerâ€™s disease pathology in a mouse model. Progress in Neurobiology, 2022, 209, 102212.	5.7	15
2	Neuronal C/EBPÎ²/AEP pathway shortens life span via selective GABAnergic neuronal degeneration by FOXO repression. Science Advances, 2022, 8, eabj8658.	10.3	6
3	High-fat diet-induced diabetes couples to Alzheimerâ€™s disease through inflammation-activated C/EBPÎ²/AEP pathway. Molecular Psychiatry, 2022, 27, 3396-3409.	7.9	12
4	TrkB receptor cleavage by delta-secretase abolishes its phosphorylation of APP, aggravating Alzheimerâ€™s disease pathologies. Molecular Psychiatry, 2021, 26, 2943-2963.	7.9	18
5	C/EBPÎ² is a key transcription factor for APOE and preferentially mediates ApoE4 expression in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 6002-6022.	7.9	32
6	Î´-Secretase-cleaved Tau stimulates AÎ² production via upregulating STAT1-BACE1 signaling in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 586-603.	7.9	54
7	A delta-secretase-truncated APP fragment activates CEBPB, mediating Alzheimerâ€™s disease pathologies. Brain, 2021, 144, 1833-1852.	7.6	19
8	ApoE4 activates C/EBPÎ²/Î´-secretase with 27-hydroxycholesterol, driving the pathogenesis of Alzheimerâ€™s disease. Progress in Neurobiology, 2021, 202, 102032.	5.7	24
9	Mitochondrial dysfunction triggers the pathogenesis of Parkinsonâ€™s disease in neuronal C/EBPÎ² transgenic mice. Molecular Psychiatry, 2021, 26, 7838-7850.	7.9	26
10	Delta- and beta- secretases crosstalk amplifies the amyloidogenic pathway in Alzheimerâ€™s disease. Progress in Neurobiology, 2021, 204, 102113.	5.7	9
11	Traumatic brain injury triggers APP and Tau cleavage by delta-secretase, mediating Alzheimerâ€™s disease pathology. Progress in Neurobiology, 2020, 185, 101730.	5.7	49
12	Akt Phosphorylates NQO1 and Triggers its Degradation, Abolishing Its Antioxidative Activities in Parkinson's Disease. Journal of Neuroscience, 2019, 39, 7291-7305.	3.6	50
13	Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates Î´-Secretase by Upregulating C/EBPÎ² in Alzheimerâ€™s Disease. Cell Reports, 2019, 28, 655-669.e5.	6.4	129
14	Delta-secretase-cleaved Tau antagonizes TrkB neurotrophic signalings, mediating Alzheimerâ€™s disease pathologies. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9094-9102.	7.1	42
15	C/EBPÎ² regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimerâ€™s disease. Nature Communications, 2018, 9, 1784.	12.8	91
16	A Novel MicroRNA-124/PTPN1 Signal Pathway Mediates Synaptic and Memory Deficits in Alzheimerâ€™s Disease. Biological Psychiatry, 2018, 83, 395-405.	1.3	153
17	Delta-secretase (AEP) mediates tau-splicing imbalance and accelerates cognitive decline in tauopathies. Journal of Experimental Medicine, 2018, 215, 3038-3056.	8.5	24
18	Inhibition of Histone Acetylation by ANP32A Induces Memory Deficits. Journal of Alzheimer's Disease, 2018, 63, 1537-1546.	2.6	14

#	Article	IF	Citations
19	BDNF inhibits neurodegenerative diseaseâ€“associated asparaginyl endopeptidase activity via phosphorylation by AKT. JCI Insight, 2018, 3, .	5.0	37
20	Downregulating ANP32A rescues synapse and memory loss via chromatin remodeling in Alzheimer model. Molecular Neurodegeneration, 2017, 12, 34.	10.8	36
21	Delta-Secretase Phosphorylation by SRPK2 Enhances Its Enzymatic Activity, Provoking Pathogenesis in Alzheimerâ€™s Disease. Molecular Cell, 2017, 67, 812-825.e5.	9.7	54
22	Knockdown of pp32 Increases Histone Acetylation and Ameliorates Cognitive Deficits. Frontiers in Aging Neuroscience, 2017, 9, 104.	3.4	10
23	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. Oncotarget, 2016, 7, 17356-17368.	1.8	113
24	Opposite monosynaptic scaling of BLPâ€“vCA1 inputs governs hopefulness- and helplessness-modulated spatial learning and memory. Nature Communications, 2016, 7, 11935.	12.8	71
25	Human wild-type full-length tau accumulation disrupts mitochondrial dynamics and the functions via increasing mitofusins. Scientific Reports, 2016, 6, 24756.	3.3	105
26	Tau accumulation induces synaptic impairment and memory deficit by calcineurin-mediated inactivation of nuclear CaMKIV/CREB signaling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3773-81.	7.1	147
27	Stimulation of EphB2 attenuates tau phosphorylation through PI3K/Akt-mediated inactivation of glycogen synthase kinase-3Î². Scientific Reports, 2015, 5, 11765.	3.3	47
28	Expression of 1N3R-Tau Isoform Inhibits Cell Proliferation by Inducing S Phase Arrest in N2a Cells. PLoS ONE, 2015, 10, e0119865.	2.5	7
29	CaMKII-dependent dendrite ramification and spine generation promote spatial training-induced memory improvement in a rat model of sporadic Alzheimer's disease. Neurobiology of Aging, 2015, 36, 867-876.	3.1	37
30	Spatial training preserves associative memory capacity with augmentation of dendrite ramification and spine generation in Tg2576 mice. Scientific Reports, 2015, 5, 9488.	3.3	45
31	Senescence may mediate conversion of tau phosphorylation-induced apoptotic escape to neurodegeneration. Experimental Gerontology, 2015, 68, 82-86.	2.8	14
32	The physiology and pathology of microtubule-associated protein tau. Essays in Biochemistry, 2014, 56, 111-123.	4.7	27
33	Magnesium Protects Cognitive Functions and Synaptic Plasticity in Streptozotocin-Induced Sporadic Alzheimerâ€™s Model. PLoS ONE, 2014, 9, e108645.	2.5	89