

# Zhi-Hao Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A Novel MicroRNA-124/PTPN1 Signal Pathway Mediates Synaptic and Memory Deficits in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2018, 83, 395-405.	1.3	153
2	Tau accumulation induces synaptic impairment and memory deficit by calcineurin-mediated inactivation of nuclear CaMKIV/CREB signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3773-81.	7.1	147
3	Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates $\tau$ -Secretase by Upregulating C/EBP $\beta$ in Alzheimer's Disease. <i>Cell Reports</i> , 2019, 28, 655-669.e5.	6.4	129
4	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. <i>Oncotarget</i> , 2016, 7, 17356-17368.	1.8	113
5	Human wild-type full-length tau accumulation disrupts mitochondrial dynamics and the functions via increasing mitofusins. <i>Scientific Reports</i> , 2016, 6, 24756.	3.3	105
6	C/EBP $\beta$ regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimer's disease. <i>Nature Communications</i> , 2018, 9, 1784.	12.8	91
7	Magnesium Protects Cognitive Functions and Synaptic Plasticity in Streptozotocin-Induced Sporadic Alzheimer's Model. <i>PLoS ONE</i> , 2014, 9, e108645.	2.5	89
8	Opposite monosynaptic scaling of BLP $\nu$ CA1 inputs governs hopefulness- and helplessness-modulated spatial learning and memory. <i>Nature Communications</i> , 2016, 7, 11935.	12.8	71
9	Delta-Secretase Phosphorylation by SRPK2 Enhances Its Enzymatic Activity, Provoking Pathogenesis in Alzheimer's Disease. <i>Molecular Cell</i> , 2017, 67, 812-825.e5.	9.7	54
10	$\tau$ -Secretase-cleaved Tau stimulates A $\beta$ production via upregulating STAT1-BACE1 signaling in Alzheimer's disease. <i>Molecular Psychiatry</i> , 2021, 26, 586-603.	7.9	54
11	Akt Phosphorylates NQO1 and Triggers its Degradation, Abolishing its Antioxidative Activities in Parkinson's Disease. <i>Journal of Neuroscience</i> , 2019, 39, 7291-7305.	3.6	50
12	Traumatic brain injury triggers APP and Tau cleavage by delta-secretase, mediating Alzheimer's disease pathology. <i>Progress in Neurobiology</i> , 2020, 185, 101730.	5.7	49
13	Stimulation of EphB2 attenuates tau phosphorylation through PI3K/Akt-mediated inactivation of glycogen synthase kinase-3 $\beta$ . <i>Scientific Reports</i> , 2015, 5, 11765.	3.3	47
14	Spatial training preserves associative memory capacity with augmentation of dendrite ramification and spine generation in Tg2576 mice. <i>Scientific Reports</i> , 2015, 5, 9488.	3.3	45
15	Delta-secretase-cleaved Tau antagonizes TrkB neurotrophic signalings, mediating Alzheimer's disease pathologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9094-9102.	7.1	42
16	CaMKII-dependent dendrite ramification and spine generation promote spatial training-induced memory improvement in a rat model of sporadic Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 867-876.	3.1	37
17	BDNF inhibits neurodegenerative disease-associated asparaginyl endopeptidase activity via phosphorylation by AKT. <i>JCI Insight</i> , 2018, 3, .	5.0	37
18	Downregulating ANP32A rescues synapse and memory loss via chromatin remodeling in Alzheimer model. <i>Molecular Neurodegeneration</i> , 2017, 12, 34.	10.8	36

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19	C/EBP $\beta$ is a key transcription factor for APOE and preferentially mediates ApoE4 expression in Alzheimer's disease. <i>Molecular Psychiatry</i> , 2021, 26, 6002-6022.	7.9	32
20	The physiology and pathology of microtubule-associated protein tau. <i>Essays in Biochemistry</i> , 2014, 56, 111-123.	4.7	27
21	Mitochondrial dysfunction triggers the pathogenesis of Parkinson's disease in neuronal C/EBP $\beta$ transgenic mice. <i>Molecular Psychiatry</i> , 2021, 26, 7838-7850.	7.9	26
22	Delta-secretase (AEP) mediates tau-splicing imbalance and accelerates cognitive decline in tauopathies. <i>Journal of Experimental Medicine</i> , 2018, 215, 3038-3056.	8.5	24
23	ApoE4 activates C/EBP $\beta$ /AEP-secretase with 27-hydroxycholesterol, driving the pathogenesis of Alzheimer's disease. <i>Progress in Neurobiology</i> , 2021, 202, 102032.	5.7	24
24	A delta-secretase-truncated APP fragment activates CEBPB, mediating Alzheimer's disease pathologies. <i>Brain</i> , 2021, 144, 1833-1852.	7.6	19
25	TrkB receptor cleavage by delta-secretase abolishes its phosphorylation of APP, aggravating Alzheimer's disease pathologies. <i>Molecular Psychiatry</i> , 2021, 26, 2943-2963.	7.9	18
26	Neuronal ApoE4 stimulates C/EBP $\beta$ activation, promoting Alzheimer's disease pathology in a mouse model. <i>Progress in Neurobiology</i> , 2022, 209, 102212.	5.7	15
27	Senescence may mediate conversion of tau phosphorylation-induced apoptotic escape to neurodegeneration. <i>Experimental Gerontology</i> , 2015, 68, 82-86.	2.8	14
28	Inhibition of Histone Acetylation by ANP32A Induces Memory Deficits. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1537-1546.	2.6	14
29	High-fat diet-induced diabetes couples to Alzheimer's disease through inflammation-activated C/EBP $\beta$ /AEP pathway. <i>Molecular Psychiatry</i> , 2022, 27, 3396-3409.	7.9	12
30	Knockdown of pp32 Increases Histone Acetylation and Ameliorates Cognitive Deficits. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 104.	3.4	10
31	Delta- and beta- secretases crosstalk amplifies the amyloidogenic pathway in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2021, 204, 102113.	5.7	9
32	Expression of 1N3R-Tau Isoform Inhibits Cell Proliferation by Inducing S Phase Arrest in N2a Cells. <i>PLoS ONE</i> , 2015, 10, e0119865.	2.5	7
33	Neuronal C/EBP $\beta$ /AEP pathway shortens life span via selective GABAergic neuronal degeneration by FOXO repression. <i>Science Advances</i> , 2022, 8, eabj8658.	10.3	6