Jianâ€“Zhi Wang

List of Publications by Year
in descending order

168	7,314	66234	71532
papers	citations	42 h-index	76 g-index

226	226	226	8983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomarkers used in Alzheimerâ€™s disease diagnosis, treatment, and prevention. Ageing Research Reviews, 2022, 74, 101544.	5.0	60
2	Spatial Training Attenuates Long-Term Alzheimerâ€™s Disease-Related Pathogenic Processes in APP/PS1 Mice. Journal of Alzheimer's Disease, 2022, 85, 1453-1466.	1.2	3
3	Chk1 Inhibition Ameliorates Alzheimer's Disease Pathogenesis and Cognitive Dysfunction Through CIP2A/PP2A Signaling. Neurotherapeutics, 2022, 19, 570-591.	2.1	14
4	Alzheimerâ€like tau accumulation in dentate gyrus mossy cells induces spatial cognitive deficits by disrupting multiple memoryâ€related signaling and inhibiting local neural circuit. Aging Cell, 2022, 21, e13600.	3.0	9
5	Human tau accumulation promotes glycogen synthase kinase-3Î² acetylation and thus upregulates the kinase: A vicious cycle in Alzheimer neurodegeneration. EBioMedicine, 2022, 78, 103970.	2.7	22
6	A Tau Pathogenesis-Based Network Pharmacology Approach for Exploring the Protections of Chuanxiong Rhizoma in Alzheimerâ€™s Disease. Frontiers in Pharmacology, 2022, 13, 877806.	1.6	10
7	Recombinant human erythropoietin ameliorates cognitive dysfunction of APP/PS1 mice by attenuating neuron apoptosis via HSP90Î². Signal Transduction and Targeted Therapy, 2022, 7, 149.	7.1	2
8	C/EBPÎ² is a key transcription factor for APOE and preferentially mediates ApoE4 expression in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 6002-6022.	4.1	32
9	Î´-Secretase-cleaved Tau stimulates AÎ² production via upregulating STAT1-BACE1 signaling in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 586-603.	4.1	54
10	A novel small-molecule PROTAC selectively promotes tau clearance to improve cognitive functions in Alzheimer-like models. Theranostics, 2021, 11, 5279-5295.	4.6	84
11	T217-Phosphorylation Exacerbates Tau Pathologies and Tau-Induced Cognitive Impairment. Journal of Alzheimer's Disease, 2021, 81, 1403-1418.	1.2	7
12	Platelet biomarkers for a descending cognitive function: A proteomic approach. Aging Cell, 2021, 20, e13358.	3.0	29
13	Medial septum tau accumulation induces spatial memory deficit via disrupting medial septumâ€“hippocampus cholinergic pathway. Clinical and Translational Medicine, 2021, 11, e428.	1.7	10
14	Illuminating Neural Circuits in Alzheimerâ€™s Disease. Neuroscience Bulletin, 2021, 37, 1203-1217.	1.5	16
15	A novel dephosphorylation targeting chimera selectively promoting tau removal in tauopathies. Signal Transduction and Targeted Therapy, 2021, 6, 269.	7.1	21
16	Platelet biomarkers identifying mild cognitive impairment in type 2 diabetes patients. Aging Cell, 2021, 20, e13469.	3.0	13
17	Delta- and beta- secretases crosstalk amplifies the amyloidogenic pathway in Alzheimerâ€™s disease. Progress in Neurobiology, 2021, 204, 102113.	2.8	9
18	STAT3 ameliorates cognitive deficits via regulation of NMDAR expression in an Alzheimer's disease animal model. Theranostics, 2021, 11, 5511-5524.	4.6	25

#	Article	IF	Citations
19	Nmnat2 attenuates amyloidogenesis and up-regulates ADAM10 in AMPK activity-dependent manner. Aging, 2021, 13, 23620-23636.	1.4	8
20	Periphery Biomarkers for Objective Diagnosis of Cognitive Decline in Type 2 Diabetes Patients. Frontiers in Cell and Developmental Biology, 2021, 9, 752753.	1.8	2
21	Tau Ubiquitination in Alzheimer's Disease. Frontiers in Neurology, 2021, 12, 786353.	1.1	13
22	MAPT/Tau accumulation represses autophagy flux by disrupting IST1-regulated ESCRT-III complex formation: a vicious cycle in Alzheimer neurodegeneration. Autophagy, 2020, 16, 641-658.	4.3	117
23	Tau inhibits PKA by nuclear proteasomeâ€dependent PKAR2Î± elevation with suppressed CREB/GluA1 phosphorylation. Aging Cell, 2020, 19, e13055.	3.0	22
24	Co-Expression of Three Wild-Type 3R-Tau Isoforms Induces Memory Deficit via Oxidation-Related DNA Damage and Cell Death: A Promising Model for Tauopathies. Journal of Alzheimer's Disease, 2020, 73, 1105-1123.	1.2	6
25	Nedd4l downregulation of NRG1 in the mPFC induces depression-like behaviour in CSDS mice. Translational Psychiatry, 2020, 10, 249.	2.4	13
26	Tau Acetylation in Entorhinal Cortex Induces its Chronic Hippocampal Propagation and Cognitive Deficits in Mice. Journal of Alzheimer's Disease, 2020, 77, 241-255.	1.2	10
27	GSK-3Î² activation accelerates early-stage consumption of Hippocampal Neurogenesis in senescent mice. Theranostics, 2020, 10, 9674-9685.	4.6	16
28	AMPK Ameliorates Tau Acetylation and Memory Impairment Through Sirt1. Molecular Neurobiology, 2020, 57, 5011-5025.	1.9	18
29	Tauâ€induced upregulation of C/EBPÎ²â€TRPC1â€SOCE signaling aggravates tauopathies: A vicious cycle in Alzheimer neurodegeneration. Aging Cell, 2020, 19, e13209.	3.0	12
30	Ï‰-3PUFAs Improve Cognitive Impairments Through Ser133 Phosphorylation of CREB Upregulating BDNF/TrkB Signal in Schizophrenia. Neurotherapeutics, 2020, 17, 1271-1286.	2.1	26
31	Upregulation of AMPK Ameliorates Alzheimerâ€™s Disease-Like Tau Pathology and Memory Impairment. Molecular Neurobiology, 2020, 57, 3349-3361.	1.9	27
32	Inhibition of mTORC1 improves STZ-induced AD-like impairments in mice. Brain Research Bulletin, 2020, 162, 166-179.	1.4	7
33	Direct Activation of Protein Phosphatase 2A (PP2A) by Tricyclic Sulfonamides Ameliorates Alzheimer's Disease Pathogenesis in Cell and Animal Models. Neurotherapeutics, 2020, 17, 1087-1103.	2.1	26
34	Interneuron Accumulation of Phosphorylated tau Impairs Adult Hippocampal Neurogenesis by Suppressing GABAergic Transmission. Cell Stem Cell, 2020, 26, 331-345.e6.	5.2	92
35	Tau acetylates and stabilizes Î²â€catenin thereby promoting cell survival. EMBO Reports, 2020, 21, e48328.	2.0	24
36	Posterior basolateral amygdala to ventral hippocampal CA1 drives approach behaviour to exert an anxiolytic effect. Nature Communications, 2020, 11, 183.	5.8	82

#	Article	IF	Citations
37	Current understanding of metal ions in the pathogenesis of Alzheimerâ€™s disease. Translational Neurodegeneration, 2020, 9, 10.	3.6	219
38	Targeted Reducing of Tauopathy Alleviates Epileptic Seizures and Spatial Memory Impairment in an Optogenetically Inducible Mouse Model of Epilepsy. Frontiers in Cell and Developmental Biology, 2020, 8, 633725.	1.8	5
39	Advances in Drug Therapy for Alzheimerâ€™s Disease. Current Medical Science, 2020, 40, 999-1008.	0.7	18
40	Peripheral inflammation promotes brain tau transmission via disrupting bloodâ€“brain barrier. Bioscience Reports, 2020, 40, .	1.1	20
41	Codonopsis pilosula polysaccharide attenuates AÎ² toxicity and cognitive defects in APP/PS1 mice. Aging, 2020, 12, 13422-13436.	1.4	33
42	Blockage of AEP attenuates TBI-induced tau hyperphosphorylation and cognitive impairments in rats. Aging, 2020, 12, 19421-19439.	1.4	4
43	STAT3 ameliorates cognitive deficits by positively regulating the expression of NMDARs in a mouse model of FTDP-17. Signal Transduction and Targeted Therapy, 2020, 5, 295.	7.1	11
44	Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates Î´-Secretase by Upregulating C/EBPÎ² in Alzheimerâ€™s Disease. Cell Reports, 2019, 28, 655-669.e5.	2.9	129
45	Tau accumulation triggers <scp>STAT</scp> 1â€dependent memory deficits by suppressing <scp>NMDA</scp> receptor expression. EMBO Reports, 2019, 20, .	2.0	43
46	Tau overexpression impairs neuronal endocytosis by decreasing the GTPase dynamin 1 through the miRâ€132/MeCP2 pathway. Aging Cell, 2019, 18, e12929.	3.0	19
47	Inflammation-dependent ISG15 upregulation mediates MIA-induced dendrite damages and depression by disrupting NEDD4/Rap2A signaling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1477-1489.	1.8	17
48	Enriched gestation activates the IGF pathway to evoke embryo-adult benefits to prevent Alzheimerâ€™s disease. Translational Neurodegeneration, 2019, 8, 8.	3.6	6
49	SET SUMOylation promotes its cytoplasmic retention and induces tau pathology and cognitive impairments. Acta Neuropathologica Communications, 2019, 7, 21.	2.4	11
50	Elevation of pS262-Tau and Demethylated PP2A in Retina Occurs Earlier than in Hippocampus During Hyperhomocysteinemia. Journal of Alzheimer's Disease, 2019, 68, 367-381.	1.2	7
51	Emodin Rescued Hyperhomocysteinemia-Induced Dementia and Alzheimerâ€™s Disease-Like Features in Rats. International Journal of Neuropsychopharmacology, 2019, 22, 57-70.	1.0	46
52	Liraglutide Ameliorates Hyperhomocysteinemia-Induced Alzheimer-Like Pathology and Memory Deficits in Rats via Multi-molecular Targeting. Neuroscience Bulletin, 2019, 35, 724-734.	1.5	26
53	CDT2â€controlled cell cycle reentry regulates the pathogenesis of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 217-231.	0.4	28
54	CIP2A-promoted astrogliosis induces AD-like synaptic degeneration and cognitive deficits. Neurobiology of Aging, 2019, 75, 198-208.	1.5	19

#	Article	IF	Citations
55	Folate/Vitamin B Alleviates Hyperhomocysteinemia-Induced Alzheimer-Like Pathologies in Rat Retina. Neuroscience Bulletin, 2019, 35, 325-335.	1.5	22
56	GSK-3Î² and ERK1/2 incongruously act in tau hyperphosphorylation in SPS-induced PTSD rats. Aging, 2019, 11, 7978-7995.	1.4	10
57	Genistein Decreases APP/tau Phosphorylation and Ameliorates AÎ² Overproduction Through Inhibiting CIP2A. Current Alzheimer Research, 2019, 16, 732-740.	0.7	10
58	Nature of Tau-Associated Neurodegeneration and the Molecular Mechanisms. Journal of Alzheimer's Disease, 2018, 62, 1305-1317.	1.2	31
59	<scp>LINGO</scp>â€1 antibody ameliorates myelin impairment and spatial memory deficits in the early stage of 5<scp>XFAD</scp> mice. CNS Neuroscience and Therapeutics, 2018, 24, 381-393.	1.9	38
60	C/EBPÎ² regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimerâ€™s disease. Nature Communications, 2018, 9, 1784.	5.8	91
61	Endoplasmic reticulum stress induces spatial memory deficits by activating <scp>GSK</scp>â€3. Journal of Cellular and Molecular Medicine, 2018, 22, 3489-3502.	1.6	32
62	TRPC1 Null Exacerbates Memory Deficit and Apoptosis Induced by Amyloid-Î². Journal of Alzheimer's Disease, 2018, 63, 761-772.	1.2	12
63	BACE1 SUMOylation increases its stability and escalates the protease activity in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3954-3959.	3.3	29
64	Tau-Induced Ca2+/Calmodulin-Dependent Protein Kinase-IV Activation Aggravates Nuclear Tau Hyperphosphorylation. Neuroscience Bulletin, 2018, 34, 261-269.	1.5	20
65	Deletion of Type-2 Cannabinoid Receptor Induces Alzheimerâ€™s Disease-Like Tau Pathology and Memory Impairment Through AMPK/GSK3Î² Pathway. Molecular Neurobiology, 2018, 55, 4731-4744.	1.9	29
66	A Novel MicroRNA-124/PTPN1 Signal Pathway Mediates Synaptic and Memory Deficits in Alzheimerâ€™s Disease. Biological Psychiatry, 2018, 83, 395-405.	0.7	153
67	Methanolic extract of Tamarix Gallica attenuates hyperhomocysteinemia induced AD-like pathology and cognitive impairments in rats. Aging, 2018, 10, 3229-3248.	1.4	16
68	P3â€172: CIP2Aâ€PP2A SIGNALING CAUSES TAU/APP PHOSPHORYLATION, SYNAPTOPATHY AND MEMORY DEFICITS IN ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1133.	0.4	0
69	P3â€175: AEP CLEAVES SRPK2 AND INCREASES ITS KINASE ACTIVITY, MEDIATING TAU EXON 10 ALTERNATIVE SPLICING IN TAUOPATHIES. Alzheimer's and Dementia, 2018, 14, P1134.	0.4	0
70	Intranasal Insulin Prevents Anesthesia-induced Cognitive Impairments in Aged Mice. Current Alzheimer Research, 2018, 16, 8-18.	0.7	17
71	Codonopsis pilosula Polysaccharide Attenuates Tau Hyperphosphorylation and Cognitive Impairments in hTau Infected Mice. Frontiers in Molecular Neuroscience, 2018, 11, 437.	1.4	35
72	Microglia CREB-Phosphorylation Mediates Amyloid-Î²-Induced Neuronal Toxicity. Journal of Alzheimer's Disease, 2018, 66, 333-345.	1.2	12

#	Article	IF	Citations
73	Delta-secretase (AEP) mediates tau-splicing imbalance and accelerates cognitive decline in tauopathies. Journal of Experimental Medicine, 2018, 215, 3038-3056.	4.2	24
74	Zinc induces CDK5 activation and neuronal death through CDK5-Tyr15 phosphorylation in ischemic stroke. Cell Death and Disease, 2018, 9, 870.	2.7	27
75	Inhibition of Histone Acetylation by ANP32A Induces Memory Deficits. Journal of Alzheimer's Disease, 2018, 63, 1537-1546.	1.2	14
76	Phosphorylation of SET mediates apoptosis via P53 hyperactivation and NM23-H1 nuclear import. Neurobiology of Aging, 2018, 69, 38-47.	1.5	17
77	Mitochondrial Molecular Abnormalities Revealed by Proteomic Analysis of Hippocampal Organelles of Mice Triple Transgenic for Alzheimer Disease. Frontiers in Molecular Neuroscience, 2018, 11, 74.	1.4	30
78	CK2 Phosphorylating I2PP2A/SET Mediates Tau Pathology and Cognitive Impairment. Frontiers in Molecular Neuroscience, 2018, 11, 146.	1.4	32
79	The Down-Expression of ACE and IDE Exacerbates Exogenous Amyloid-Î² Neurotoxicity in CB2Râ€“/â€“ Mice. Journal of Alzheimer's Disease, 2018, 64, 957-971.	1.2	8
80	CIP2A Causes Tau/APP Phosphorylation, Synaptopathy, and Memory Deficits in Alzheimerâ€™s Disease. Cell Reports, 2018, 24, 713-723.	2.9	72
81	Moringa Oleifera Alleviates Homocysteine-Induced Alzheimerâ€™s Disease-Like Pathology and Cognitive Impairments. Journal of Alzheimer's Disease, 2018, 63, 1141-1159.	1.2	57
82	Application of Weighted Gene Co-Expression Network Analysis to Explore the Key Genes in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 65, 1353-1364.	1.2	63
83	BDNF inhibits neurodegenerative diseaseâ€“associated asparaginyl endopeptidase activity via phosphorylation by AKT. JCI Insight, 2018, 3, .	2.3	37
84	Transient Receptor Potential-canonical 1 is Essential for Environmental Enrichment-Induced Cognitive Enhancement and Neurogenesis. Molecular Neurobiology, 2017, 54, 1992-2002.	1.9	18
85	Long-term Ameliorative Effects of the Antidepressant Fluoxetine Exposure on Cognitive Deficits in 3â€‰Ã—â€‰TgAD Mice. Molecular Neurobiology, 2017, 54, 4160-4171.	1.9	35
86	Targeting the HDAC2/HNF-4A/miR-101b/AMPK Pathway Rescues Tauopathy and Dendritic Abnormalities in Alzheimerâ€™s Disease. Molecular Therapy, 2017, 25, 752-764.	3.7	82
87	Paternal spatial training enhances offspringâ€™s cognitive performance and synaptic plasticity in wild-type but not improve memory deficit in Alzheimerâ€™s mice. Scientific Reports, 2017, 7, 1521.	1.6	10
88	Selective dopamine receptor 4 activation mediates the hippocampal neuronal calcium response via IP 3 and ryanodine receptors. Brain Research, 2017, 1670, 1-5.	1.1	4
89	Expression of P301L-hTau in mouse MEC induces hippocampus-dependent memory deficit. Scientific Reports, 2017, 7, 3914.	1.6	9
90	Role of microtubule-associated protein tau phosphorylation in Alzheimerâ€™s disease. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 307-312.	1.0	46

#	Article	IF	Citations
91	Downregulating ANP32A rescues synapse and memory loss via chromatin remodeling in Alzheimer model. Molecular Neurodegeneration, 2017, 12, 34.	4.4	36
92	Correcting miR92a-vGAT-Mediated GABAergic Dysfunctions Rescues Human Tau-Induced Anxiety in Mice. Molecular Therapy, 2017, 25, 140-152.	3.7	32
93	Inhibition of delta-secretase improves cognitive functions in mouse models of Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14740.	5.8	96
94	Delta-Secretase Phosphorylation by SRPK2 Enhances Its Enzymatic Activity, Provoking Pathogenesis in Alzheimerâ€™s Disease. Molecular Cell, 2017, 67, 812-825.e5.	4.5	54
95	Fluoxetine administration during adolescence attenuates cognitive and synaptic deficits in adult 3Ã—TgAD mice. Neuropharmacology, 2017, 126, 200-212.	2.0	33
96	Activation of <scp>GSK</scp>â€3 disrupts cholinergic homoeostasis in nucleus basalis of Meynert and frontal cortex of rats. Journal of Cellular and Molecular Medicine, 2017, 21, 3515-3528.	1.6	22
97	GSK-3Î² deletion in dentate gyrus excitatory neuron impairs synaptic plasticity and memory. Scientific Reports, 2017, 7, 5781.	1.6	39
98	Asparagine endopeptidase cleaves Î±-synuclein and mediates pathologic activities in Parkinson's disease. Nature Structural and Molecular Biology, 2017, 24, 632-642.	3.6	159
99	[P3â€“137]: ZINC PROMOTES FOCAL CEREBRAL ISCHEMIAâ€REPERFUSION INJURY THROUGH ACTIVATING CDK5 BY TYR15 PHOSPHORYLATION. Alzheimer's and Dementia, 2017, 13, P987.	0.4	0
100	[P4â€“126]: Îâ€SECRETASEâ€“CLEAVED TAU STIMULATES AÎ² PRODUCTION VIA ACTIVATING STAT1â€BACE1 PATHWAY IN ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P1305.	0.4	0
101	High salt induced hypertension leads to cognitive defect. Oncotarget, 2017, 8, 95780-95790.	0.8	21
102	Ginkgo biloba Extract EGb761 Attenuates Hyperhomocysteinemia-induced AD Like Tau Hyperphosphorylation and Cognitive Impairment in Rats. Current Alzheimer Research, 2017, 15, 89-99.	0.7	51
103	Knockdown of pp32 Increases Histone Acetylation and Ameliorates Cognitive Deficits. Frontiers in Aging Neuroscience, 2017, 9, 104.	1.7	10
104	Sex Differences in the Cognitive and Hippocampal Effects of Streptozotocin in an Animal Model of Sporadic AD. Frontiers in Aging Neuroscience, 2017, 9, 347.	1.7	24
105	From Structure to Behavior in Basolateral Amygdala-Hippocampus Circuits. Frontiers in Neural Circuits, 2017, 11, 86.	1.4	181
106	Zinc mediates the neuronal activityâ€“dependent anti-apoptotic effect. PLoS ONE, 2017, 12, e0182150.	1.1	7
107	Long-term Helicobacter pylori infection does not induce tauopathy and memory impairment in SD rats. Current Medical Science, 2017, 37, 823-827.	0.7	3
108	Tau accumulation impairs mitophagy via increasing mitochondrial membrane potential and reducing mitochondrial Parkin. Oncotarget, 2016, 7, 17356-17368.	0.8	113

#	Article	IF	Citations
109	High Morphologic Plasticity of Microglia/Macrophages Following Experimental Intracerebral Hemorrhage in Rats. International Journal of Molecular Sciences, 2016, 17, 1181.	1.8	18
110	The dual roles of cytokines in Alzheimerâ€™s disease: update on interleukins, TNF-Î±, TGF-Î² and IFN-Î³. Translational Neurodegeneration, 2016, 5, 7.	3.6	211
111	Biomarkers for Early Diagnostic of Mild Cognitive Impairment in Type-2 Diabetes Patients: A Multicentre, Retrospective, Nested Caseâ€“Control Study. EBioMedicine, 2016, 5, 105-113.	2.7	35
112	Opposite monosynaptic scaling of BLPâ€“vCA1 inputs governs hopefulness- and helplessness-modulated spatial learning and memory. Nature Communications, 2016, 7, 11935.	5.8	71
113	Accumulation of human full-length tau induces degradation of nicotinic acetylcholine receptor Î±4 via activating calpain-2. Scientific Reports, 2016, 6, 27283.	1.6	27
114	Human wild-type full-length tau accumulation disrupts mitochondrial dynamics and the functions via increasing mitofusins. Scientific Reports, 2016, 6, 24756.	1.6	105
115	Altered Intranetwork and Internetwork Functional Connectivity in Type 2 Diabetes Mellitus With and Without Cognitive Impairment. Scientific Reports, 2016, 6, 32980.	1.6	61
116	Extrasynaptic NMDA receptor-induced tau overexpression mediates neuronal death through suppressing survival signaling ERK phosphorylation. Cell Death and Disease, 2016, 7, e2449-e2449.	2.7	51
117	Spatial training promotes short-term survival and neuron-like differentiation of newborn cells in AÎ² 1-42 -injected rats. Neurobiology of Aging, 2016, 45, 64-75.	1.5	13
118	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.	3.3	147
119	Olfactory Deprivation Hastens Alzheimer-Like Pathologies in a Human Tau-Overexpressed Mouse Model via Activation of cdk5. Molecular Neurobiology, 2016, 53, 391-401.	1.9	10
120	SIL1 Rescued Bip Elevation-Related Tau Hyperphosphorylation in ER Stress. Molecular Neurobiology, 2016, 53, 983-994.	1.9	27
121	Cnga2 Knockout Mice Display Alzheimerâ€™s-Like Behavior Abnormities and Pathological Changes. Molecular Neurobiology, 2016, 53, 4992-4999.	1.9	12
122	Combination of PPT with LiCl Treatment Prevented Bilateral Ovariectomy-Induced Hippocampal-Dependent Cognition Deficit in Rats. Molecular Neurobiology, 2016, 53, 894-904.	1.9	13
123	Stimulation of EphB2 attenuates tau phosphorylation through PI3K/Akt-mediated inactivation of glycogen synthase kinase-3Î². Scientific Reports, 2015, 5, 11765.	1.6	47
124	Concanavalin Agglutinin Levels are Decreased in Peripheral Blood of Alzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2015, 49, 63-72.	1.2	1
125	Intraperitoneal Administration of a Novel TAT-BDNF Peptide Ameliorates Cognitive Impairments via Modulating Multiple Pathways in Two Alzheimerâ€™s Rodent Models. Scientific Reports, 2015, 5, 15032.	1.6	43
126	P2-053: Olfactory deprivation hastens Alzheimer-like pathologies in a human tau overexpressed mouse model via activation of cdk5. , 2015, 11, P502-P503.		0

#	Article	IF	Citations
127	Expression of 1N3R-Tau Isoform Inhibits Cell Proliferation by Inducing S Phase Arrest in N2a Cells. PLoS ONE, 2015, 10, e0119865.	1.1	7
128	Opposite effects of two estrogen receptors on tau phosphorylation through disparate effects on the miRâ€218/<scp>PTPA</scp> pathway. Aging Cell, 2015, 14, 867-877.	3.0	40
129	P1-080: Cnga2 ko mice show Alzheimer's-like behavioral abnormalities and pathological changes. , 2015, 11, P368-P370.		0
130	P1-081: Tau decreases the phosphorylation of erk1/2 through recruiting and promoting the phosphatase activity of PP2A. , 2015, 11, P370-P370.		0
131	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.	1.5	37
132	Spatial training preserves associative memory capacity with augmentation of dendrite ramification and spine generation in Tg2576 mice. Scientific Reports, 2015, 5, 9488.	1.6	45
133	A novel tacrine-dihydropyridine hybrid (-)SCR1693 induces tau dephosphorylation and inhibits AÎ² generation in cells. European Journal of Pharmacology, 2015, 754, 134-139.	1.7	14
134	Senescence may mediate conversion of tau phosphorylation-induced apoptotic escape to neurodegeneration. Experimental Gerontology, 2015, 68, 82-86.	1.2	14
135	Activation of Glycogen Synthase Kinase-3 Mediates the Olfactory Deficit-Induced Hippocampal Impairments. Molecular Neurobiology, 2015, 52, 1601-1617.	1.9	22
136	Fluorocitrate induced the alterations of memory-related proteins and tau hyperphosphorylation in SD rats. Neuroscience Letters, 2015, 584, 230-235.	1.0	12
137	Helicobacter pylori filtrate impairs spatial learning and memory in rats and increases ÃŽÂ²-amyloid by enhancing expression of presenilin-2. Frontiers in Aging Neuroscience, 2014, 6, 66.	1.7	58
138	Humanin attenuates Alzheimer-like cognitive deficits and pathological changes induced by amyloid Î²-peptide in rats. Neuroscience Bulletin, 2014, 30, 923-935.	1.5	45
139	Helicobacter pylori Filtrate Induces Alzheimer-Like Tau Hyperphosphorylation by Activating Glycogen Synthase Kinase-3Î². Journal of Alzheimer's Disease, 2014, 43, 153-165.	1.2	83
140	Golgin-84-associated Golgi fragmentation triggers tau hyperphosphorylation by activation of cyclin-dependent kinase-5 and extracellular signal-regulated kinase. Neurobiology of Aging, 2014, 35, 1352-1363.	1.5	31
141	Region-Specific Expression of Tau, Amyloid-Î² Protein Precursor, and Synaptic Proteins at Physiological Condition or Under Endoplasmic Reticulum Stress in Rats. Journal of Alzheimer's Disease, 2014, 41, 1149-1163.	1.2	23
142	SUMOylation at K340 inhibits tau degradation through deregulating its phosphorylation and ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16586-16591.	3.3	172
143	Cleavage of tau by asparagine endopeptidase mediates the neurofibrillary pathology in Alzheimer's disease. Nature Medicine, 2014, 20, 1254-1262.	15.2	367
144	AMPK Activation Ameliorates Alzheimer's Disease-Like Pathology and Spatial Memory Impairment in a Streptozotocin-Induced Alzheimer's Disease Model in Rats. Journal of Alzheimer's Disease, 2014, 43, 775-784.	1.2	105

#	Article	IF	Citations
145	Tau hyperphosphorylation induces apoptotic escape and triggers neurodegeneration in Alzheimerâ€™s disease. Neuroscience Bulletin, 2014, 30, 359-366.	1.5	63
146	Alzheimerâ€™s disease: from molecule to clinic. Neuroscience Bulletin, 2014, 30, 169-171.	1.5	2
147	Losartan-Induced Hypotension Leads to Tau Hyperphosphorylation and Memory Deficit. Journal of Alzheimer's Disease, 2014, 40, 419-427.	1.2	7
148	Silencing I2PP2A Rescues Tau Pathologies and Memory Deficits through Rescuing PP2A and Inhibiting GSK-3ÃŽÂ² Signaling in Human Tau Transgenic Mice. Frontiers in Aging Neuroscience, 2014, 6, 123.	1.7	20
149	Novel Multipotent AChEI-CCB Attenuates Hyperhomocysteinemia-Induced Memory Deficits and Neuropathologies in Rats. Journal of Alzheimer's Disease, 2014, 42, 1029-1039.	1.2	19
150	P4-018: EXPRESSION OF HUMAN WILD-TYPE TAU40 AND P301L IN ENTORHINAL CORTEX INDUCES RESPECTIVELY CHRONIC AND ACUTE SPATIAL MEMORY DEFICIT IN MICE. , 2014, 10, P789-P790.		0
151	P2-001: HELICOBACTER PYLORI FILTRATE IMPAIRS SPATIAL LEARNING AND MEMORY IN RATS AND INCREASES Î²-AMYLOID BY ENHANCING EXPRESSION OF PRESENILIN-2. , 2014, 10, P471-P471.		0
152	P3-056: OVEREXPRESSION OF HUMAN TAU40 DISRUPTS MITOCHONDRIAL DYNAMIC AND THE FUNCTIONS WITH A SUBSEQUENT NEURODEGENERATION. , 2014, 10, P648-P648.		0
153	P3-414: (-)SCR1693 ATTENUATES HYPERHOMOCYSTEINEMIA-INDUCED TAU HYPERPHOSPHORYLATION AND MEMORY DEFICITS. , 2014, 10, P782-P782.		0
154	The physiology and pathology of microtubule-associated protein tau. Essays in Biochemistry, 2014, 56, 111-123.	2.1	27
155	Magnesium Protects Cognitive Functions and Synaptic Plasticity in Streptozotocin-Induced Sporadic Alzheimerâ€™s Model. PLoS ONE, 2014, 9, e108645.	1.1	89
156	Phenylbutyric Acid Protects Against Spatial Memory Deficits in a Model of Repeated Electroconvulsive Therapy. Current Neurovascular Research, 2014, 11, 156-167.	0.4	5
157	Metallosupramolecular complex targeting an Î±/Î²2 discordant stretch of amyloid Î² peptide. Chemical Science, 2012, 3, 3145.	3.7	65
158	Abnormal Hyperphosphorylation of Tau: Sites, Regulation, and Molecular Mechanism of Neurofibrillary Degeneration. Journal of Alzheimer's Disease, 2012, 33, S123-S139.	1.2	318
159	Investigation on positive correlation of increased brain iron deposition with cognitive impairment in Alzheimer disease by using quantitative MR R2â€² mapping. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 578-585.	1.0	45
160	A Novel Early Diagnosis Method of Alzheimerâ€™s Disease: Raman Studies of Platelet from Tg2576 Mice. , 2010, , .		0
161	The advances of Pathophysiology in Chinaâ€”Welcoming Global Collaboration. Pathophysiology, 2009, 16, 251-252.	1.0	0
162	Mechanisms of the spatial memory deficits induced by injection of okadaic acid into the Meynert nucleus basalis of rats. Frontiers of Medicine in China, 2008, 2, 147-153.	0.1	0

#	Article	IF	Citations
163	Effect of inhibiting tyrosine kinase Src expression on protein phosphatase 2A and tau phosphorylation. Frontiers of Medicine in China, 2008, 2, 235-238.	0.1	0
164	Microtubule-associated protein tau in development, degeneration and protection of neurons. Progress in Neurobiology, 2008, 85, 148-175.	2.8	341
165	Kinases and phosphatases and tau sites involved in Alzheimer neurofibrillary degeneration. European Journal of Neuroscience, 2007, 25, 59-68.	1.2	461
166	Role of melatonin in Alzheimer-like neurodegeneration1. Acta Pharmacologica Sinica, 2006, 27, 41-49.	2.8	126
167	In vitro analysis of tau phosphorylation sites and its biological activity. Chinese Medical Sciences Journal, 2002, 17, 13-6.	0.2	7
168	Hyperphosphorylation and accumulation of neurofilament proteins in Alzheimer disease brain and in okadaic acid-treated SY5Y cells. FEBS Letters, 2001, 507, 81-87.	1.3	116