

Ling-Qiang Zhu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

2,242
citations

29
h-index

45
g-index

92
ext. papers

2,897
ext. citations

7.4
avg, IF

4.64
L-index

#	Paper	IF	Citations
73	Activation of glycogen synthase kinase-3 inhibits long-term potentiation with synapse-associated impairments. <i>Journal of Neuroscience</i> , 2007 , 27, 12211-20	6.6	192
72	EPAC null mutation impairs learning and social interactions via aberrant regulation of miR-124 and Zif268 translation. <i>Neuron</i> , 2012 , 73, 774-88	13.9	135
71	A Novel MicroRNA-124/PTPN1 Signal Pathway Mediates Synaptic and Memory Deficits in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2018 , 83, 395-405	7.9	94
70	DAPK1-p53 interaction converges necrotic and apoptotic pathways of ischemic neuronal death. <i>Journal of Neuroscience</i> , 2014 , 34, 6546-56	6.6	79
69	GSK-3 beta inhibits presynaptic vesicle exocytosis by phosphorylating P/Q-type calcium channel and interrupting SNARE complex formation. <i>Journal of Neuroscience</i> , 2010 , 30, 3624-33	6.6	78
68	Melatonin attenuates scopolamine-induced memory/synaptic disorder by rescuing EPACs/miR-124/Egr1 pathway. <i>Molecular Neurobiology</i> , 2013 , 47, 373-81	6.2	72
67	Disease-modified glycogen synthase kinase-3 intervention by melatonin arrests the pathology and memory deficits in an Alzheimer's animal model. <i>Neurobiology of Aging</i> , 2013 , 34, 1555-63	5.6	61
66	Protein phosphatase 2A facilitates axonogenesis by dephosphorylating CRMP2. <i>Journal of Neuroscience</i> , 2010 , 30, 3839-48	6.6	59
65	Melatonin attenuates isoproterenol-induced protein kinase A overactivation and tau hyperphosphorylation in rat brain. <i>Journal of Pineal Research</i> , 2004 , 37, 11-6	10.4	57
64	Targeting the HDAC2/HNF-4A/miR-101b/AMPK Pathway Rescues Tauopathy and Dendritic Abnormalities in Alzheimer's Disease. <i>Molecular Therapy</i> , 2017 , 25, 752-764	11.7	55
63	Synaptic Dysfunction in Alzheimer's Disease: Aβ, Tau, and Epigenetic Alterations. <i>Molecular Neurobiology</i> , 2018 , 55, 3021-3032	6.2	54
62	The Physiology of BDNF and Its Relationship with ADHD. <i>Molecular Neurobiology</i> , 2015 , 52, 1467-1476	6.2	53
61	Diverse Functions and Mechanisms of Pericytes in Ischemic Stroke. <i>Current Neuropharmacology</i> , 2017 , 15, 892-905	7.6	53
60	Impairments of spatial memory in an Alzheimer's disease model via degeneration of hippocampal cholinergic synapses. <i>Nature Communications</i> , 2017 , 8, 1676	17.4	51
59	Neuroglobin attenuates Alzheimer-like tau hyperphosphorylation by activating Akt signaling. <i>Journal of Neurochemistry</i> , 2012 , 120, 157-64	6	51
58	Loss of ferroportin induces memory impairment by promoting ferroptosis in Alzheimer's disease. <i>Cell Death and Differentiation</i> , 2021 , 28, 1548-1562	12.7	51
57	A Novel Mechanism of Spine Damages in Stroke via DAPK1 and Tau. <i>Cerebral Cortex</i> , 2015 , 25, 4559-71	5.1	47

56	Acetyl-L-carnitine attenuates okadaic acid induced tau hyperphosphorylation and spatial memory impairment in rats. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 735-46	4.3	44
55	Estradiol attenuates tau hyperphosphorylation induced by upregulation of protein kinase-A. <i>Neurochemical Research</i> , 2008 , 33, 1811-20	4.6	44
54	High Serum MiR-130a Levels Are Associated with Severe Perihematomal Edema and Predict Adverse Outcome in Acute ICH. <i>Molecular Neurobiology</i> , 2016 , 53, 1310-1321	6.2	43
53	Long Non-coding RNAs, Novel Culprits, or Bodyguards in Neurodegenerative Diseases. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 10, 269-276	10.7	40
52	MicroRNA-26a/Death-Associated Protein Kinase β Signaling Induces Synucleinopathy and Dopaminergic Neuron Degeneration in Parkinson's Disease. <i>Biological Psychiatry</i> , 2019 , 85, 769-781	7.9	39
51	Stimulation of EphB2 attenuates tau phosphorylation through PI3K/Akt-mediated inactivation of glycogen synthase kinase-3. <i>Scientific Reports</i> , 2015 , 5, 11765	4.9	38
50	Intraperitoneal Administration of a Novel TAT-BDNF Peptide Ameliorates Cognitive Impairments via Modulating Multiple Pathways in Two Alzheimer's Rodent Models. <i>Scientific Reports</i> , 2015 , 5, 15032	4.9	36
49	17beta-estradiol attenuates glycogen synthase kinase-3beta activation and tau hyperphosphorylation in Akt-independent manner. <i>Journal of Neural Transmission</i> , 2008 , 115, 879-88	4.3	36
48	Opposite effects of two estrogen receptors on tau phosphorylation through disparate effects on the miR-218/PTPA pathway. <i>Aging Cell</i> , 2015 , 14, 867-77	9.9	34
47	Targeting miR-124/Ferroportin signaling ameliorated neuronal cell death through inhibiting apoptosis and ferroptosis in aged intracerebral hemorrhage murine model. <i>Aging Cell</i> , 2020 , 19, e13235	9.9	34
46	NGF promotes long-term memory formation by activating poly(ADP-ribose)polymerase-1. <i>Neuropharmacology</i> , 2012 , 63, 1085-92	5.5	33
45	Expression of BC1 Impairs Spatial Learning and Memory in Alzheimer's Disease Via APP Translation. <i>Molecular Neurobiology</i> , 2018 , 55, 6007-6020	6.2	32
44	Acetyl-L-carnitine attenuates homocysteine-induced Alzheimer-like histopathological and behavioral abnormalities. <i>Rejuvenation Research</i> , 2011 , 14, 669-79	2.6	29
43	Temporal correlation of the memory deficit with Alzheimer-like lesions induced by activation of glycogen synthase kinase-3. <i>Journal of Neurochemistry</i> , 2008 , 106, 2364-74	6	29
42	Selective Degeneration of Entorhinal-CA1 Synapses in Alzheimer's Disease via Activation of DAPK1. <i>Journal of Neuroscience</i> , 2016 , 36, 10843-10852	6.6	28
41	Acetyl-L-carnitine rescues scopolamine-induced memory deficits by restoring insulin-like growth factor II via decreasing p53 oxidation. <i>Neuropharmacology</i> , 2014 , 76 Pt A, 80-7	5.5	27
40	Lithium attenuates scopolamine-induced memory deficits with inhibition of GSK-3 β and preservation of postsynaptic components. <i>Journal of Alzheimer's Disease</i> , 2013 , 37, 515-27	4.3	27
39	GSK-3 β polymorphism discriminates bipolar disorder and schizophrenia: a systematic meta-analysis. <i>Molecular Neurobiology</i> , 2013 , 48, 404-11	6.2	26

38	MiR-181b Antagonizes Atherosclerotic Plaque Vulnerability Through Modulating Macrophage Polarization by Directly Targeting Notch1. <i>Molecular Neurobiology</i> , 2017 , 54, 6329-6341	6.2	25
37	Serotonin receptor 2c-expressing cells in the ventral CA1 control attention via innervation of the Edinger-Westphal nucleus. <i>Nature Neuroscience</i> , 2018 , 21, 1239-1250	25.5	23
36	The Association of SNAP25 Gene Polymorphisms in Attention Deficit/Hyperactivity Disorder: a Systematic Review and Meta-Analysis. <i>Molecular Neurobiology</i> , 2017 , 54, 2189-2200	6.2	22
35	Correcting abnormalities in miR-124/PTPN1 signaling rescues tau pathology in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2020 , 154, 441-457	6	22
34	Acetyl-L-carnitine ameliorates spatial memory deficits induced by inhibition of phosphoinositol-3 kinase and protein kinase C. <i>Journal of Neurochemistry</i> , 2011 , 118, 864-78	6	22
33	βAmyloid triggers aberrant over-scaling of homeostatic synaptic plasticity. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 131	7.3	22
32	Activation of MT2 receptor ameliorates dendritic abnormalities in Alzheimer's disease via C/EBPβ/miR-125b pathway. <i>Aging Cell</i> , 2019 , 18, e12902	9.9	21
31	MiR-21-5p/dual-specificity phosphatase 8 signalling mediates the anti-inflammatory effect of haem oxygenase-1 in aged intracerebral haemorrhage rats. <i>Aging Cell</i> , 2019 , 18, e13022	9.9	21
30	Activation of Glycogen Synthase Kinase-3 Mediates the Olfactory Deficit-Induced Hippocampal Impairments. <i>Molecular Neurobiology</i> , 2015 , 52, 1601-1617	6.2	20
29	Inhibition of melatonin biosynthesis induces neurofilament hyperphosphorylation with activation of cyclin-dependent kinase 5. <i>Neurochemical Research</i> , 2007 , 32, 1329-35	4.6	19
28	Olfactory deficits induce neurofilament hyperphosphorylation. <i>Neuroscience Letters</i> , 2012 , 506, 180-3	3.3	18
27	A novel pathway regulates social hierarchy via lncRNA AtLAS and postsynaptic synapsin IIb. <i>Cell Research</i> , 2020 , 30, 105-118	24.7	15
26	ATF4: a Novel Potential Therapeutic Target for Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2015 , 52, 1765-1770	6.2	15
25	Tau overexpression impairs neuronal endocytosis by decreasing the GTPase dynamin 1 through the miR-132/MeCP2 pathway. <i>Aging Cell</i> , 2019 , 18, e12929	9.9	14
24	NEXMIF/KIDLIA Knock-out Mouse Demonstrates Autism-Like Behaviors, Memory Deficits, and Impairments in Synapse Formation and Function. <i>Journal of Neuroscience</i> , 2020 , 40, 237-254	6.6	13
23	The Peptide-Directed Lysosomal Degradation of CDK5 Exerts Therapeutic Effects against Stroke 2019 , 10, 1140-1145		12
22	miR-135a-5p mediates memory and synaptic impairments via the Rock2/Adducin1 signaling pathway in a mouse model of Alzheimer's disease. <i>Nature Communications</i> , 2021 , 12, 1903	17.4	10
21	Olfactory Deprivation Hastens Alzheimer-Like Pathologies in a Human Tau-Overexpressed Mouse Model via Activation of cdk5. <i>Molecular Neurobiology</i> , 2016 , 53, 391-401	6.2	8

20	Cnga2 Knockout Mice Display Alzheimer's-Like Behavior Abnormalities and Pathological Changes. <i>Molecular Neurobiology</i> , 2016 , 53, 4992-9	6.2	7
19	Inhibition of glycogen synthase kinase-3 reverses tau hyperphosphorylation induced by Pin1 down-regulation. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013 , 12, 436-43	2.6	7
18	Enriched odor exposure decrease tau phosphorylation in the rat hippocampus and cortex. <i>Neuroscience Letters</i> , 2012 , 507, 22-6	3.3	6
17	Elevated Levels of miR-144-3p Induce Cholinergic Degeneration by Impairing the Maturation of NGF in Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 667412	5.7	6
16	Ferroptosis, a Potential Therapeutic Target in Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 704298	5.7	4
15	A systematic analysis of genomic changes in Tg2576 mice. <i>Molecular Neurobiology</i> , 2013 , 47, 883-91	6.2	3
14	Emerging Perspectives on DNA Double-strand Breaks in Neurodegenerative Diseases. <i>Current Neuropharmacology</i> , 2019 , 17, 1146-1157	7.6	3
13	Reprogramming astrocytes to motor neurons by activation of endogenous Ngn2 and Isl1. <i>Stem Cell Reports</i> , 2021 , 16, 1777-1791	8	3
12	Inhibition of melatonin biosynthesis activates protein kinase a and induces Alzheimer-like tau hyperphosphorylation in rats. <i>Chinese Medical Sciences Journal</i> , 2005 , 20, 83-7	1.3	3
11	Infralimbic Endothelin1 Is Critical for the Modulation of Anxiety-Like Behaviors. <i>Molecular Neurobiology</i> , 2016 , 53, 2054-2064	6.2	2
10	Targeting the Neuronal Activity of Prefrontal Cortex: New Directions for the Therapy of Depression. <i>Current Neuropharmacology</i> , 2020 , 18, 332-346	7.6	2
9	A circuit of COCH neurons encodes social-stress-induced anxiety via MTF1 activation of Cacna1h.. <i>Cell Reports</i> , 2021 , 37, 110177	10.6	2
8	P3-051: Opposite effects of two estrogen receptors on tau phosphorylation regulation through disparate effects on the MIR-218/PTPA pathway 2015 , 11, P638-P638		1
7	Role of Grina/Nmdara1 in the Central Nervous System Diseases. <i>Current Neuropharmacology</i> , 2020 , 18, 861-867	7.6	1
6	Longitudinal neural connection detection using a ferritin-encoding adeno-associated virus vector and in vivo MRI method. <i>Human Brain Mapping</i> , 2021 , 42, 5010-5022	5.9	1
5	VGLUT3 neurons in median raphe control the efficacy of spatial memory retrieval via ETV4 regulation of VGLUT3 transcription.. <i>Science China Life Sciences</i> , 2022 , 1	8.5	0
4	[P4112]: ROLE AND MECHANISMS OF MICRORNA-124 IN THE PATHOGENESIS OF ALZHEIMER'S DISEASE 2017 , 13, P1300-P1300		
3	[P4100]: TARGETING THE HDAC2/HNF-4A/MIR-101B/AMPK PATHWAY RESCUES TAUOPATHY AND DENDRITIC ABNORMALITIES IN ALZHEIMER'S DISEASE 2017 , 13, P1296-P1296		

2 P1-080: Cnga2 ko mice show Alzheimer's-like behavioral abnormalities and pathological changes
2015, 11, P368-P370

1 P3-174: A NOVEL MIR-124/PTPN1 SIGNAL PATHWAY MEDIATES SYNAPTIC AND MEMORY DEFICITS
IN ALZHEIMER'S DISEASE **2018**, 14, P1134-P1134