

# Qing Tian

## List of Publications by Year in descending order

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75  
papers

2,090  
citations

218677

26  
h-index

265206

42  
g-index

95  
all docs

95  
docs citations

95  
times ranked

3024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14575-14593.	4.1	178
2	Role of Serine/Threonine Protein Phosphatase in Alzheimer's Disease. <i>NeuroSignals</i> , 2002, 11, 262-269.	0.9	144
3	Homocysteine induces tau phosphorylation by inactivating protein phosphatase 2A in rat hippocampus. <i>Neurobiology of Aging</i> , 2008, 29, 1654-1665.	3.1	140
4	Hyperhomocysteinemia Increases $\beta$ -Amyloid by Enhancing Expression of $\beta$ -Secretase and Phosphorylation of Amyloid Precursor Protein in Rat Brain. <i>American Journal of Pathology</i> , 2009, 174, 1481-1491.	3.8	137
5	Impairments of spatial memory in an Alzheimer's disease model via degeneration of hippocampal cholinergic synapses. <i>Nature Communications</i> , 2017, 8, 1676.	12.8	88
6	A Novel Mechanism of Spine Damages in Stroke via DAPK1 and Tau. <i>Cerebral Cortex</i> , 2015, 25, 4559-4571.	2.9	70
7	A POMC-originated circuit regulates stress-induced hypophagia, depression, and anhedonia. <i>Molecular Psychiatry</i> , 2020, 25, 1006-1021.	7.9	64
8	LiCl Attenuates Thapsigargin-Induced Tau Hyperphosphorylation by Inhibiting GSK-3 $\beta$ In Vivo and In Vitro. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 1107-1117.	2.6	58
9	Iron overload induced death of osteoblasts in vitro: involvement of the mitochondrial apoptotic pathway. <i>PeerJ</i> , 2016, 4, e2611.	2.0	49
10	Oestrogen receptor $\alpha$ agonist improved long-term ovariectomy-induced spatial cognition deficit in young rats. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1071-1082.	2.1	47
11	Emodin Rescued Hyperhomocysteinemia-Induced Dementia and Alzheimer's Disease-Like Features in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 57-70.	2.1	46
12	Investigation on positive correlation of increased brain iron deposition with cognitive impairment in Alzheimer disease by using quantitative MR R2* mapping. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2011, 31, 578-585.	1.0	45
13	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.	3.3	43
14	17 $\beta$ -estradiol attenuates glycogen synthase kinase-3 $\beta$ activation and tau hyperphosphorylation in Akt-independent manner. <i>Journal of Neural Transmission</i> , 2008, 115, 879-888.	2.8	41
15	Selective Degeneration of Entorhinal-CA1 Synapses in Alzheimer's Disease via Activation of DAPK1. <i>Journal of Neuroscience</i> , 2016, 36, 10843-10852.	3.6	41
16	The Main Alkaloids in <i>Uncaria rhynchophylla</i> and Their Anti-Alzheimer's Disease Mechanism Determined by a Network Pharmacology Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3612.	4.1	39
17	Expression of Tau40 Induces Activation of Cultured Rat Microglial Cells. <i>PLoS ONE</i> , 2013, 8, e76057.	2.5	37
18	Evidence of altered depression and dementia-related proteins in the brains of young rats after ovariectomy. <i>Journal of Neurochemistry</i> , 2018, 146, 703-721.	3.9	35

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19	Intervention of Death-Associated Protein Kinase $\epsilon$ p53 Interaction Exerts the Therapeutic Effects Against Stroke. <i>Stroke</i> , 2014, 45, 3089-3091.	2.0	34
20	Gender-Related Hippocampal Proteomics Study from Young Rats After Chronic Unpredicted Mild Stress Exposure. <i>Molecular Neurobiology</i> , 2018, 55, 835-850.	4.0	33
21	Endoplasmic reticulum stress induces spatial memory deficits by activating $\epsilon$ GSK-3 $\beta$ . <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3489-3502.	3.6	32
22	Bip Enhanced the Association of GSK-3 $\beta$ with Tau During ER Stress Both in vivo and in vitro. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 727-740.	2.6	31
23	Golgin-84-associated Golgi fragmentation triggers tau hyperphosphorylation by activation of cyclin-dependent kinase-5 and extracellular signal-regulated kinase. <i>Neurobiology of Aging</i> , 2014, 35, 1352-1363.	3.1	31
24	Deletion of Type-2 Cannabinoid Receptor Induces Alzheimer's Disease-Like Tau Pathology and Memory Impairment Through AMPK/GSK3 $\beta$ Pathway. <i>Molecular Neurobiology</i> , 2018, 55, 4731-4744.	4.0	29
25	Hydrogen-rich water protects against ischemic brain injury in rats by regulating calcium buffering proteins. <i>Brain Research</i> , 2015, 1615, 129-138.	2.2	27
26	SIL1 Rescued Bip Elevation-Related Tau Hyperphosphorylation in ER Stress. <i>Molecular Neurobiology</i> , 2016, 53, 983-994.	4.0	27
27	Upregulation of AMPK Ameliorates Alzheimer's Disease-Like Tau Pathology and Memory Impairment. <i>Molecular Neurobiology</i> , 2020, 57, 3349-3361.	4.0	27
28	Biphasic Effects of Forskolin on Tau Phosphorylation and Spatial Memory in Rats. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 631-642.	2.6	24
29	Region-Specific Expression of Tau, Amyloid- $\beta$ Protein Precursor, and Synaptic Proteins at Physiological Condition or Under Endoplasmic Reticulum Stress in Rats. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 1149-1163.	2.6	23
30	Activation of $\epsilon$ GSK-3 $\beta$ disrupts cholinergic homeostasis in nucleus basalis of Meynert and frontal cortex of rats. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3515-3528.	3.6	22
31	Progranulin in neurodegenerative dementia. <i>Journal of Neurochemistry</i> , 2021, 158, 119-137.	3.9	21
32	Tau-Induced Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase-IV Activation Aggravates Nuclear Tau Hyperphosphorylation. <i>Neuroscience Bulletin</i> , 2018, 34, 261-269.	2.9	20
33	Functions of lactate in the brain of rat with intracerebral hemorrhage evaluated with MRI/MRS and in vitro approaches. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 1031-1044.	3.9	20
34	Novel Multipotent AChEI-CCB Attenuates Hyperhomocysteinemia-Induced Memory Deficits and Neuropathologies in Rats. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 1029-1039.	2.6	19
35	Melatonin in Synaptic Impairments of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 911-926.	2.6	19
36	A circuit of mossy cells controls the efficacy of memory retrieval by Gria2I inhibition of Gria2. <i>Cell Reports</i> , 2021, 34, 108741.	6.4	19

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37	Mechanism of Action of Acupuncture in Obesity: A Perspective From the Hypothalamus. <i>Frontiers in Endocrinology</i> , 2021, 12, 632324.	3.5	19
38	High Morphologic Plasticity of Microglia/Macrophages Following Experimental Intracerebral Hemorrhage in Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1181.	4.1	18
39	Transient Receptor Potential-canonical 1 is Essential for Environmental Enrichment-Induced Cognitive Enhancement and Neurogenesis. <i>Molecular Neurobiology</i> , 2017, 54, 1992-2002.	4.0	18
40	AMPK Ameliorates Tau Acetylation and Memory Impairment Through Sirt1. <i>Molecular Neurobiology</i> , 2020, 57, 5011-5025.	4.0	18
41	H3.3 impedes zygotic transcriptional program activated by Dux. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 422-427.	2.1	17
42	Estrogen Receptor $\alpha$ Agonist is Beneficial for Young Female Rats Against Chronic Unpredicted Mild Stress-Induced Depressive Behavior and Cognitive Deficits. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1077-1093.	2.6	17
43	Lactate Activates Germline and Cleavage Embryo Genes in Mouse Embryonic Stem Cells. <i>Cells</i> , 2022, 11, 548.	4.1	17
44	Key Phytochemicals and Biological Functions of Chuanxiong Rhizoma Against Ischemic Stroke: A Network Pharmacology and Experimental Assessment. <i>Frontiers in Pharmacology</i> , 2021, 12, 758049.	3.5	15
45	A novel tacrine-dihydropyridine hybrid (-)SCR1693 induces tau dephosphorylation and inhibits A $\beta$ <sup>2</sup> generation in cells. <i>European Journal of Pharmacology</i> , 2015, 754, 134-139.	3.5	14
46	Therapeutic Mechanism and Key Alkaloids of <i>Uncaria rhynchophylla</i> in Alzheimer's Disease From the Perspective of Pathophysiological Processes. <i>Frontiers in Pharmacology</i> , 2021, 12, 806984.	3.5	14
47	Construction of self-assembled cartilage tissue from bone marrow mesenchymal stem cells induced by hypoxia combined with GDF-5. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 700-706.	1.0	13
48	Combination of PPT with LiCl Treatment Prevented Bilateral Ovariectomy-Induced Hippocampal-Dependent Cognition Deficit in Rats. <i>Molecular Neurobiology</i> , 2016, 53, 894-904.	4.0	13
49	Epigenetic Modulation of Microglia Function and Phenotypes in Neurodegenerative Diseases. <i>Neural Plasticity</i> , 2021, 2021, 1-13.	2.2	13
50	Protection of melatonin against acidosis-induced neuronal injuries. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6928-6942.	3.6	11
51	A Tau Pathogenesis-Based Network Pharmacology Approach for Exploring the Protections of Chuanxiong Rhizoma in Alzheimer's Disease. <i>Frontiers in Pharmacology</i> , 2022, 13, 877806.	3.5	10
52	Hypothermia pretreatment improves cognitive impairment via enhancing synaptic plasticity in a traumatic brain injury model. <i>Brain Research</i> , 2017, 1672, 18-28.	2.2	9
53	The overexpression of RBM3 alleviates TBI-induced behaviour impairment and AD-like tauopathy in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9176-9188.	3.6	9
54	Mechanistic insights into the anti-depressant effect of emodin: an integrated systems pharmacology study and experimental validation. <i>Aging</i> , 2021, 13, 15078-15099.	3.1	9

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55	The Down-Expression of ACE and IDE Exacerbates Exogenous Amyloid- $\beta^2$ Neurotoxicity in CB2 $\beta$ Mice. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 957-971.	2.6	8
56	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, 65, 1590-1607.	4.9	8
57	Sex difference in IL-6 modulation of cognition among Chinese individuals with major depressive disorder. <i>Journal of Clinical Neuroscience</i> , 2019, 70, 14-19.	1.5	7
58	Inhibition of mTORC1 improves STZ-induced AD-like impairments in mice. <i>Brain Research Bulletin</i> , 2020, 162, 166-179.	3.0	7
59	Emodin Prevented Depression in Chronic Unpredicted Mild Stress-Exposed Rats by Targeting miR-139-5p/5-Lipoxygenase. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696619.	3.7	7
60	Comparison of cognitive impairments with lipid profiles and inflammatory biomarkers in unipolar and bipolar depression. <i>Journal of Psychiatric Research</i> , 2022, 150, 300-306.	3.1	7
61	Protein phosphatase 2A, a key player in Alzheimer's disease. <i>Frontiers of Medicine in China</i> , 2009, 3, 8-12.	0.1	5
62	Protective effects of Da-cheng-qi decoction in rats with intracerebral hemorrhage. <i>Phytomedicine</i> , 2021, 90, 153630.	5.3	5
63	Mechanical Behaviour of Umbrella-Shaped, Ni-Ti Memory Alloy Femoral Head Support Device during Implant Operation: A Finite Element Analysis Study. <i>PLoS ONE</i> , 2014, 9, e100765.	2.5	4
64	Rybp orchestrates spermatogenesis via regulating meiosis and sperm motility in mice. <i>Cell Cycle</i> , 2020, 19, 1492-1501.	2.6	4
65	Profiling of key brain nuclei involved in CNS control of stress and glucose homeostasis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 441-448.	2.1	3
66	Infralimbic Endothelin1 Is Critical for the Modulation of Anxiety-Like Behaviors. <i>Molecular Neurobiology</i> , 2016, 53, 2054-2064.	4.0	2
67	Histone H3 methylation orchestrates transcriptional program in mouse spermatogenic cell line. <i>Journal of Reproduction and Development</i> , 2020, 66, 223-230.	1.4	1
68	Ppan is essential for preimplantation development in mice. <i>Biology of Reproduction</i> , 2022, , .	2.7	1
69	Mechanisms of the spatial memory deficits induced by injection of okadaic acid into the Meynert nucleus basalis of rats. <i>Frontiers of Medicine in China</i> , 2008, 2, 147-153.	0.1	0
70	A Novel Early Diagnosis Method of Alzheimer's Disease: Raman Studies of Platelet from Tg2576 Mice. , 2010, , .		0
71	P3-063: GOLGI FRAGMENTATION INDUCED TAU HYPERPHOSPHORYLATION. , 2014, 10, P650-P650.		0
72	P3-046: 2N/4R Tau reduced the movement of mitochondria in hek293 cells. , 2015, 11, P636-P636.		0

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73	[P1â€™040]: EMODIN RESCUED HOMOCYSTEINEâ€INDUCED COGNITION DEFICITS IN RATS. Alzheimer's and Dementia, 2017, 13, P249.	0.8	0
74	[P1â€™092]: EMODIN RESCUED HOMOCYSTEINEâ€INDUCED COGNITION DEFICITS IN RATS. Alzheimer's and Dementia, 2017, 13, P274.	0.8	0
75	[P2â€™190]: ADâ€LIKE PATHOLOGICAL CHANGES RESULT FROM MORE ACIDIC PH IN THE BRAIN TISSUE. Alzheimer's and Dementia, 2017, 13, P679.	0.8	0