

# Yong Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,525  
citations

361413

20  
h-index

377865

34  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Running exercise protects spinophilin-immunoreactive puncta and neurons in the medial prefrontal cortex of APP/PS1 transgenic mice. <i>Journal of Comparative Neurology</i> , 2022, 530, 858-870.	1.6	5
2	Anti-LINGO-1 antibody treatment alleviates cognitive deficits and promotes maturation of oligodendrocytes in the hippocampus of APP/PS1 mice. <i>Journal of Comparative Neurology</i> , 2022, 530, 1606-1621.	1.6	8
3	Long-term running exercise improves cognitive function and promotes microglial glucose metabolism and morphological plasticity in the hippocampus of APP/PS1 mice. <i>Journal of Neuroinflammation</i> , 2022, 19, 34.	7.2	44
4	Exercise more efficiently regulates the maturation of newborn neurons and synaptic plasticity than fluoxetine in a CUS-induced depression mouse model. <i>Experimental Neurology</i> , 2022, 354, 114103.	4.1	9
5	Astrocytes promote the proliferation of oligodendrocyte precursor cells through connexin 47-mediated LAMB2 secretion in exosomes. <i>Molecular Biology Reports</i> , 2022, 49, 7263-7273.	2.3	7
6	The liver X receptors agonist GW3965 attenuates depressive-like behaviors and suppresses microglial activation and neuroinflammation in hippocampal subregions in a mouse depression model. <i>Journal of Comparative Neurology</i> , 2022, 530, 2852-2867.	1.6	2
7	Effects of 4-month running exercise on the spatial learning ability and white matter volume and microvessels of middle-aged female and male rats. <i>Journal of Comparative Neurology</i> , 2022, 530, 2749-2761.	1.6	1
8	Changes in hippocampal capillaries in transgenic type 2 diabetic mice: A stereological investigation. <i>Anatomical Record</i> , 2021, 304, 1071-1083.	1.4	0
9	Anti-Lingo-1 antibody ameliorates spatial memory and synapse loss induced by chronic stress. <i>Journal of Comparative Neurology</i> , 2021, 529, 1571-1583.	1.6	5
10	Inhibition of copper transporter 1 prevents $\alpha$ -synuclein pathology and alleviates nigrostriatal degeneration in AAV-based mouse model of Parkinson's disease. <i>Redox Biology</i> , 2021, 38, 101795.	9.0	17
11	Intranasal administration of $\alpha$ -synuclein preformed fibrils triggers microglial iron deposition in the substantia nigra of <i>Macaca fascicularis</i> . <i>Cell Death and Disease</i> , 2021, 12, 81.	6.3	25
12	The positive effects of running exercise on hippocampal astrocytes in a rat model of depression. <i>Translational Psychiatry</i> , 2021, 11, 83.	4.8	18
13	Hippocampal PGC-1 $\alpha$ -mediated positive effects on parvalbumin interneurons are required for the antidepressant effects of running exercise. <i>Translational Psychiatry</i> , 2021, 11, 222.	4.8	20
14	Atrophy of lacunosum moleculare layer is important for learning and memory in APP/PS1 transgenic mice. <i>NeuroReport</i> , 2021, 32, 596-602.	1.2	3
15	Activation of microglial GLP-1R in the trigeminal nucleus caudalis suppresses central sensitization of chronic migraine after recurrent nitroglycerin stimulation. <i>Journal of Headache and Pain</i> , 2021, 22, 86.	6.0	22
16	Anti-LINGO-1 antibody ameliorates cognitive impairment, promotes adult hippocampal neurogenesis, and increases the abundance of CB1R-rich CCK-GABAergic interneurons in AD mice. <i>Neurobiology of Disease</i> , 2021, 156, 105406.	4.4	8
17	Beneficial effects of running exercise on hippocampal microglia and neuroinflammation in chronic unpredictable stress-induced depression model rats. <i>Translational Psychiatry</i> , 2021, 11, 461.	4.8	24
18	Exercise rather than fluoxetine promotes oligodendrocyte differentiation and myelination in the hippocampus in a male mouse model of depression. <i>Translational Psychiatry</i> , 2021, 11, 622.	4.8	14

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19	Four-month treadmill exercise prevents the decline in spatial learning and memory abilities and the loss of spinophilin-immunoreactive puncta in the hippocampus of APP/PS1 transgenic mice. <i>Neurobiology of Disease</i> , 2020, 136, 104723.	4.4	17
20	Long-Term Running Exercise Delays Age-Related Changes in White Matter in Rats. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 590530.	3.4	6
21	Exercise-induced Nitric Oxide Contributes to Spatial Memory and Hippocampal Capillaries in Rats. <i>International Journal of Sports Medicine</i> , 2020, 41, 951-961.	1.7	8
22	Anti-LINGO-1 antibody treatment improves chronic stress-induced spatial memory impairments and oligodendrocyte loss in the hippocampus. <i>Behavioural Brain Research</i> , 2020, 393, 112765.	2.2	4
23	The effects of fluoxetine on oligodendrocytes in the hippocampus of chronic unpredictable stress-induced depressed model rats. <i>Journal of Comparative Neurology</i> , 2020, 528, 2583-2594.	1.6	15
24	Astrocytes increase exosomal secretion of oligodendrocyte precursor cells to promote their proliferation via integrin $\beta$ 4-mediated cell adhesion. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 341-348.	2.1	10
25	Fluoxetine Promotes Hippocampal Oligodendrocyte Maturation and Delays Learning and Memory Decline in APP/PS1 Mice. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 627362.	3.4	13
26	Fluoxetine Protects against Dendritic Spine Loss in Middle-aged APP <sup>swe</sup> /PSEN1 <sup>dE9</sup> Double Transgenic Alzheimer's Disease Mice. <i>Current Alzheimer Research</i> , 2020, 17, 93-103.	1.4	8
27	Curcumin Prevents Neuroinflammation by Inducing Microglia to Transform into the M2-phenotype via CaMKK $\beta$ -dependent Activation of the AMP-Activated Protein Kinase Signal Pathway. <i>Current Alzheimer Research</i> , 2020, 17, 735-752.	1.4	15
28	Exercise improves depressive symptoms by increasing the number of excitatory synapses in the hippocampus of CUS-Induced depression model rats. <i>Behavioural Brain Research</i> , 2019, 374, 112115.	2.2	21
29	Quantitative study of the capillaries within the white matter of the Tg2576 mouse model of Alzheimer's disease. <i>Brain and Behavior</i> , 2019, 9, e01268.	2.2	8
30	The effects of running exercise on oligodendrocytes in the hippocampus of rats with depression induced by chronic unpredictable stress. <i>Brain Research Bulletin</i> , 2019, 149, 1-10.	3.0	34
31	Running exercise protects oligodendrocytes in the medial prefrontal cortex in chronic unpredictable stress rat model. <i>Translational Psychiatry</i> , 2019, 9, 322.	4.8	29
32	Fluoxetine delays the cognitive function decline and synaptic changes in a transgenic mouse model of early Alzheimer's disease. <i>Journal of Comparative Neurology</i> , 2019, 527, 1378-1387.	1.6	28
33	Changes in white matter and the effects of fluoxetine on such changes in the CUS rat model of depression. <i>Neuroscience Letters</i> , 2019, 694, 104-110.	2.1	13
34	Running exercise protects against myelin breakdown in the absence of neurogenesis in the hippocampus of AD mice. <i>Brain Research</i> , 2018, 1684, 50-59.	2.2	22
35	Effect of running exercise on the number of the neurons in the hippocampus of young transgenic APP/PS1 mice. <i>Brain Research</i> , 2018, 1692, 56-65.	2.2	14
36	Exercise protects myelinated fibers of white matter in a rat model of depression. <i>Journal of Comparative Neurology</i> , 2018, 526, 537-549.	1.6	21

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37	Sex Differences in the White Matter and Myelinated Fibers of APP/PS1 Mice and the Effects of Running Exercise on the Sex Differences of AD Mice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 243.	3.4	25
38	Stereological Investigation of the Effects of Treadmill Running Exercise on the Hippocampal Neurons in Middle-Aged APP/PS1 Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 689-703.	2.6	17
39	Protective Effects of 17 $\beta$ -Estradiol on Hippocampal Myelinated Fibers in Ovariectomized Middle-aged Rats. <i>Neuroscience</i> , 2018, 385, 143-153.	2.3	12
40	Effects of estrogen replacement therapy on the myelin sheath ultrastructure of myelinated fibers in the white matter of middle-aged ovariectomized rats. <i>Journal of Comparative Neurology</i> , 2018, 526, 790-802.	1.6	13
41	White matter atrophy and myelinated fiber disruption in a rat model of depression. <i>Journal of Comparative Neurology</i> , 2017, 525, 1922-1933.	1.6	23
42	Astrocytes induce proliferation of oligodendrocyte progenitor cells via connexin 47-mediated activation of the ERK/Id4 pathway. <i>Cell Cycle</i> , 2017, 16, 714-722.	2.6	14
43	Ultrastructural abnormalities and loss of myelinated fibers in the corpus callosum of demyelinated mice induced by cuprizone. <i>Journal of Neuroscience Research</i> , 2017, 95, 1677-1689.	2.9	9
44	Stimulated left DLPFC-nucleus accumbens functional connectivity predicts the anti-depression and anti-anxiety effects of rTMS for depression. <i>Translational Psychiatry</i> , 2017, 7, 3.	4.8	64
45	Fluoxetine attenuates the impairment of spatial learning ability and prevents neuron loss in middle-aged APP <sup>swe</sup> /PSEN1 <sup>dE9</sup> double transgenic Alzheimer's disease mice. <i>Oncotarget</i> , 2017, 8, 27676-27692.	1.8	45
46	Stereological Study on the Positive Effect of Running Exercise on the Capillaries in the Hippocampus in a Depression Model. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 93.	1.7	9
47	Effects of exercise on capillaries in the white matter of transgenic AD mice. <i>Oncotarget</i> , 2017, 8, 65860-65875.	1.8	11
48	Exercise Prevents Cognitive Function Decline and Demyelination in the White Matter of APP/PS1 Transgenic AD Mice. <i>Current Alzheimer Research</i> , 2017, 14, 645-655.	1.4	29
49	Decreased Myelinated Fibers in the Hippocampal Dentate Gyrus of the Tg2576 Mouse Model of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016, 13, 1040-1047.	1.4	9
50	Changes in Neurons and Synapses in Hippocampus of Streptozotocin-Induced Type 1 Diabetes Rats: A Stereological Investigation. <i>Anatomical Record</i> , 2016, 299, 1174-1183.	1.4	15
51	Running exercise protects the capillaries in white matter in a rat model of depression. <i>Journal of Comparative Neurology</i> , 2016, 524, 3577-3586.	1.6	14
52	17 $\beta$ -estradiol replacement therapy protects myelin sheaths in the white matter of middle-aged female ovariectomized rats: a stereological study. <i>Neurobiology of Aging</i> , 2016, 47, 139-148.	3.1	20
53	Effects of Long-term Exercise on Spatial Learning, Memory Ability, and Cortical Capillaries in Aged Rats. <i>Medical Science Monitor</i> , 2015, 21, 945-954.	1.1	30
54	The myelinated fiber loss in the corpus callosum of mouse model of schizophrenia induced by MK-801. <i>Journal of Psychiatric Research</i> , 2015, 63, 132-140.	3.1	30

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55	Enriched environment increases myelinated fiber volume and length in brain white matter of 18-month female rats. <i>Neuroscience Letters</i> , 2015, 593, 66-71.	2.1	7
56	Beraprost sodium protects against chronic brain injury in aluminum-overload rats. <i>Behavioral and Brain Functions</i> , 2015, 11, 6.	3.3	8
57	Running Exercise Reduces Myelinated Fiber Loss in the Dentate Gyrus of the Hippocampus in APP/PS1 Transgenic Mice. <i>Current Alzheimer Research</i> , 2015, 12, 377-383.	1.4	28
58	The early changes in behavior and the myelinated fibers of the white matter in the Tg2576 transgenic mouse model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2013, 555, 112-117.	2.1	4
59	Enriched environment induces higher CNPase positive cells in aged rat hippocampus. <i>Neuroscience Letters</i> , 2013, 555, 177-181.	2.1	11
60	A quantitative study on changes of the myelinated fibers in the cerebral cortex of cortical dysplasia rats. <i>Neural Regeneration Research</i> , 2012, 7, 268-72.	3.0	0
61	The effects of short-term enriched environment on capillaries of the middle-aged rat cortex. <i>Neuroscience Letters</i> , 2011, 505, 186-190.	2.1	12
62	Stereological Investigation of Age-Related Changes of the Capillaries in White Matter. <i>Anatomical Record</i> , 2010, 293, 1400-1407.	1.4	32
63	Stereological Methods for Estimating the Myelin Sheaths of the Myelinated Fibers in White Matter. <i>Anatomical Record</i> , 2009, 292, 1648-1655.	1.4	20
64	A stereological method for estimating the total length and size of myelinated fibers in rat cerebral cortex. <i>Journal of Neuroscience Methods</i> , 2008, 172, 21-26.	2.5	10
65	Sex differences in the white matter and myelinated nerve fibers of Long-Evans rats. <i>Brain Research</i> , 2008, 1216, 16-23.	2.2	35
66	Unbiased quantification of Scarpa's ganglion neurons in aminoglycoside ototoxicity. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2005, 15, 197-202.	2.0	4
67	Estrogen Replacement Increases Spinophilin-immunoreactive Spine Number in the Prefrontal Cortex of Female Rhesus Monkeys. <i>Cerebral Cortex</i> , 2004, 14, 215-223.	2.9	161
68	Estrogen increases the number of spinophilin-immunoreactive spines in the hippocampus of young and aged female rhesus monkeys. <i>Journal of Comparative Neurology</i> , 2003, 465, 540-550.	1.6	187
69	A stereological method for estimating the total length and size of myelin fibers in human brain white matter. <i>Journal of Neuroscience Methods</i> , 1997, 73, 193-200.	2.5	96
70	Mechanisms of Natural Food Dyes Curcumin on Regulation of HO-1/HO-2 and Inhibition of A $\beta$ -Heme Compound in Alzheimer's Disease. <i>Advanced Materials Research</i> , 0, 781-784, 1148-1151.	0.3	2