Yong Tang

List of Publications by Year
in descending order

70	1,525	361413	377865
papers	citations	20 h-index	34 g-index

73	73	73	1646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estrogen increases the number of spinophilinâ€immunoreactive spines in the hippocampus of young and aged female rhesus monkeys. Journal of Comparative Neurology, 2003, 465, 540-550.	1.6	187
2	Estrogen Replacement Increases Spinophilin-immunoreactive Spine Number in the Prefrontal Cortex of Female Rhesus Monkeys. Cerebral Cortex, 2004, 14, 215-223.	2.9	161
3	A stereological method for estimating the total length and size of myelin fibers in human brain white matter. Journal of Neuroscience Methods, 1997, 73, 193-200.	2.5	96
4	Stimulated left DLPFC-nucleus accumbens functional connectivity predicts the anti-depression and anti-anxiety effects of rTMS for depression. Translational Psychiatry, 2017, 7, 3.	4.8	64
5	Fluoxetine attenuates the impairment of spatial learning ability and prevents neuron loss in middle-aged APPswe/PSEN1dE9 double transgenic Alzheimer's disease mice. Oncotarget, 2017, 8, 27676-27692.	1.8	45
6	Long-term running exercise improves cognitive function and promotes microglial glucose metabolism and morphological plasticity in the hippocampus of APP/PS1 mice. Journal of Neuroinflammation, 2022, 19, 34.	7.2	44
7	Sex differences in the white matter and myelinated nerve fibers of Long-Evans rats. Brain Research, 2008, 1216, 16-23.	2.2	35
8	The effects of running exercise on oligodendrocytes in the hippocampus of rats with depression induced by chronic unpredictable stress. Brain Research Bulletin, 2019, 149, 1-10.	3.0	34
9	Stereological Investigation of Ageâ€Related Changes of the Capillaries in White Matter. Anatomical Record, 2010, 293, 1400-1407.	1.4	32
10	Effects of Long-term Exercise on Spatial Learning, Memory Ability, and Cortical Capillaries in Aged Rats. Medical Science Monitor, 2015, 21, 945-954.	1.1	30
11	The myelinated fiber loss in the corpus callosum of mouse model of schizophrenia induced by MK-801. Journal of Psychiatric Research, 2015, 63, 132-140.	3.1	30
12	Running exercise protects oligodendrocytes in the medial prefrontal cortex in chronic unpredictable stress rat model. Translational Psychiatry, 2019, 9, 322.	4.8	29
13	Exercise Prevents Cognitive Function Decline and Demyelination in the White Matter of APP/PS1 Transgenic AD Mice. Current Alzheimer Research, 2017, 14, 645-655.	1.4	29
14	Fluoxetine delays the cognitive function decline and synaptic changes in a transgenic mouse model of early Alzheimer's disease. Journal of Comparative Neurology, 2019, 527, 1378-1387.	1.6	28
15	Running Exercise Reduces Myelinated Fiber Loss in the Dentate Gyrus of the Hippocampus in APP/PS1 Transgenic Mice. Current Alzheimer Research, 2015, 12, 377-383.	1.4	28
16	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. Frontiers in Aging Neuroscience, 2018, 10, 243.	3.4	25
17	Intranasal administration of Î±-synuclein preformed fibrils triggers microglial iron deposition in the substantia nigra of Macaca fascicularis. Cell Death and Disease, 2021, 12, 81.	6.3	25
18	Beneficial effects of running exercise on hippocampal microglia and neuroinflammation in chronic unpredictable stress-induced depression model rats. Translational Psychiatry, 2021, 11, 461.	4.8	24

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19	White matter atrophy and myelinated fiber disruption in a rat model of depression. Journal of Comparative Neurology, 2017, 525, 1922-1933.	1.6	23
20	Running exercise protects against myelin breakdown in the absence of neurogenesis in the hippocampus of AD mice. Brain Research, 2018, 1684, 50-59.	2.2	22
21	Activation of microglial GLP-1R in the trigeminal nucleus caudalis suppresses central sensitization of chronic migraine after recurrent nitroglycerin stimulation. Journal of Headache and Pain, 2021, 22, 86.	6.0	22
22	Exercise protects myelinated fibers of white matter in a rat model of depression. Journal of Comparative Neurology, 2018, 526, 537-549.	1.6	21
23	Exercise improves depressive symptoms by increasing the number of excitatory synapses in the hippocampus of CUS-Induced depression model rats. Behavioural Brain Research, 2019, 374, 112115.	2.2	21
24	Stereological Methods for Estimating the Myelin Sheaths of the Myelinated Fibers in White Matter. Anatomical Record, 2009, 292, 1648-1655.	1.4	20
25	17Î²-estradiol replacement therapy protects myelin sheaths in the white matter of middle-aged female ovariectomized rats: a stereological study. Neurobiology of Aging, 2016, 47, 139-148.	3.1	20
26	Hippocampal PGC-1Î±-mediated positive effects on parvalbumin interneurons are required for the antidepressant effects of running exercise. Translational Psychiatry, 2021, 11, 222.	4.8	20
27	The positive effects of running exercise on hippocampal astrocytes in a rat model of depression. Translational Psychiatry, 2021, 11, 83.	4.8	18
28	Stereological Investigation of the Effects of Treadmill Running Exercise on the Hippocampal Neurons in Middle-Aged APP/PS1 Transgenic Mice. Journal of Alzheimer's Disease, 2018, 63, 689-703.	2.6	17
29	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. Neurobiology of Disease, 2020, 136, 104723.	4.4	17
30	Inhibition of copper transporter 1 prevents Î±-synuclein pathology and alleviates nigrostriatal degeneration in AAV-based mouse model of Parkinson's disease. Redox Biology, 2021, 38, 101795.	9.0	17
31	Changes in Neurons and Synapses in Hippocampus of Streptozotocinâ€Induced Type 1 Diabetes Rats: A Stereological Investigation. Anatomical Record, 2016, 299, 1174-1183.	1.4	15
32	The effects of fluoxetine on oligodendrocytes in the hippocampus of chronic unpredictable stressâ€induced depressed model rats. Journal of Comparative Neurology, 2020, 528, 2583-2594.	1.6	15
33	Curcumin Prevents Neuroinflammation by Inducing Microglia to Transform into the M2-phenotype via CaMKKÎ²-dependent Activation of the AMP-Activated Protein Kinase Signal Pathway. Current Alzheimer Research, 2020, 17, 735-752.	1.4	15
34	Running exercise protects the capillaries in white matter in a rat model of depression. Journal of Comparative Neurology, 2016, 524, 3577-3586.	1.6	14
35	Astrocytes induce proliferation of oligodendrocyte progenitor cells via connexin 47-mediated activation of the ERK/Id4 pathway. Cell Cycle, 2017, 16, 714-722.	2.6	14
36	Effect of running exercise on the number of the neurons in the hippocampus of young transgenic APP/PS1 mice. Brain Research, 2018, 1692, 56-65.	2.2	14

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37	Exercise rather than fluoxetine promotes oligodendrocyte differentiation and myelination in the hippocampus in a male mouse model of depression. Translational Psychiatry, 2021, 11, 622.	4.8	14
38	Changes in white matter and the effects of fluoxetine on such changes in the CUS rat model of depression. Neuroscience Letters, 2019, 694, 104-110.	2.1	13
39	Fluoxetine Promotes Hippocampal Oligodendrocyte Maturation and Delays Learning and Memory Decline in APP/PS1 Mice. Frontiers in Aging Neuroscience, 2020, 12, 627362.	3.4	13
40	Effects of estrogen replacement therapy on the myelin sheath ultrastructure of myelinated fibers in the white matter of middleâ€aged ovariectomized rats. Journal of Comparative Neurology, 2018, 526, 790-802.	1.6	13
41	The effects of short-term enriched environment on capillaries of the middle-aged rat cortex. Neuroscience Letters, 2011, 505, 186-190.	2.1	12
42	Protective Effects of 17Î²-Estradiol on Hippocampal Myelinated Fibers in Ovariectomized Middle-aged Rats. Neuroscience, 2018, 385, 143-153.	2.3	12
43	Enriched environment induces higher CNPase positive cells in aged rat hippocampus. Neuroscience Letters, 2013, 555, 177-181.	2.1	11
44	Effects of exercise on capillaries in the white matter of transgenic AD mice. Oncotarget, 2017, 8, 65860-65875.	1.8	11
45	A stereological method for estimating the total length and size of myelinated fibers in rat cerebral cortex. Journal of Neuroscience Methods, 2008, 172, 21-26.	2.5	10
46	Astrocytes increase exosomal secretion of oligodendrocyte precursor cells to promote their proliferation via integrin Î²4-mediated cell adhesion. Biochemical and Biophysical Research Communications, 2020, 526, 341-348.	2.1	10
47	Decreased Myelinated Fibers in the Hippocampal Dentate Gyrus of the Tg2576 Mouse Model of Alzheimer's Disease. Current Alzheimer Research, 2016, 13, 1040-1047.	1.4	9
48	Ultrastructural abnormalities and loss of myelinated fibers in the corpus callosum of demyelinated mice induced by cuprizone. Journal of Neuroscience Research, 2017, 95, 1677-1689.	2.9	9
49	Stereological Study on the Positive Effect of Running Exercise on the Capillaries in the Hippocampus in a Depression Model. Frontiers in Neuroanatomy, 2017, 11, 93.	1.7	9
50	Exercise more efficiently regulates the maturation of newborn neurons and synaptic plasticity than fluoxetine in a CUS-induced depression mouse model. Experimental Neurology, 2022, 354, 114103.	4.1	9
51	Beraprost sodium protects against chronic brain injury in aluminum-overload rats. Behavioral and Brain Functions, 2015, 11, 6.	3.3	8
52	Quantitative study of the capillaries within the white matter of the Tg2576 mouse model of Alzheimer's disease. Brain and Behavior, 2019, 9, e01268.	2.2	8
53	Exercise-induced Nitric Oxide Contributes to Spatial Memory and Hippocampal Capillaries in Rats. International Journal of Sports Medicine, 2020, 41, 951-961.	1.7	8
54	Anti-LINGO-1 antibody ameliorates cognitive impairment, promotes adult hippocampal neurogenesis, and increases the abundance of CB1R-rich CCK-GABAergic interneurons in AD mice. Neurobiology of Disease, 2021, 156, 105406.	4.4	8

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55	Fluoxetine Protects against Dendritic Spine Loss in Middle-aged APPswe/PSEN1dE9 Double Transgenic Alzheimerâ€™s Disease Mice. Current Alzheimer Research, 2020, 17, 93-103.	1.4	8
56	Antiâ€LINGOâ€1 antibody treatment alleviates cognitive deficits and promotes maturation of oligodendrocytes in the hippocampus of APP/PS1 mice. Journal of Comparative Neurology, 2022, 530, 1606-1621.	1.6	8
57	Enriched environment increases myelinated fiber volume and length in brain white matter of 18-month female rats. Neuroscience Letters, 2015, 593, 66-71.	2.1	7
58	Astrocytes promote the proliferation of oligodendrocyte precursor cells through connexin 47-mediated LAMB2 secretion in exosomes. Molecular Biology Reports, 2022, 49, 7263-7273.	2.3	7
59	Long-Term Running Exercise Delays Age-Related Changes in White Matter in Rats. Frontiers in Aging Neuroscience, 2020, 12, 590530.	3.4	6
60	<scp>Antiâ€Lingo</scp>â€1 antibody ameliorates spatial memory and synapse loss induced by chronic stress. Journal of Comparative Neurology, 2021, 529, 1571-1583.	1.6	5
61	Running exercise protects spinophilinâ€immunoreactive puncta and neurons in the medial prefrontal cortex of APP/PS1 transgenic mice. Journal of Comparative Neurology, 2022, 530, 858-870.	1.6	5
62	The early changes in behavior and the myelinated fibers of the white matter in the Tg2576 transgenic mouse model of Alzheimer's disease. Neuroscience Letters, 2013, 555, 112-117.	2.1	4
63	Anti-LINGO-1 antibody treatment improves chronic stress-induced spatial memory impairments and oligodendrocyte loss in the hippocampus. Behavioural Brain Research, 2020, 393, 112765.	2.2	4
64	Unbiased quantification of Scarpa's ganglion neurons in aminoglycoside ototoxicity. Journal of Vestibular Research: Equilibrium and Orientation, 2005, 15, 197-202.	2.0	4
65	Atrophy of lacunosum moleculare layer is important for learning and memory in APP/PS1 transgenic mice. NeuroReport, 2021, 32, 596-602.	1.2	3
66	Mechanisms of Natural Food Dyes Curcumin on Regulation of HO-1/HO-2 and Inhibition of AÎ²-Heme Compound in Alzheimer's Disease. Advanced Materials Research, 0, 781-784, 1148-1151.	0.3	2
67	The liver X receptors agonist GW3965 attenuates depressiveâ€like behaviors and suppresses microglial activation and neuroinflammation in hippocampal subregions in a mouse depression model. Journal of Comparative Neurology, 2022, 530, 2852-2867.	1.6	2
68	Effects of 4â€month running exercise on the spatial learning ability and white matter volume and microvessels of middleâ€aged female and male rats. Journal of Comparative Neurology, 2022, 530, 2749-2761.	1.6	1
69	Changes in hippocampal capillaries in transgenic type 2 diabetic mice: A stereological investigation. Anatomical Record, 2021, 304, 1071-1083.	1.4	0
70	A quantitative study on changes of the myelinated fibers in the cerebral cortex of cortical dysplasia rats. Neural Regeneration Research, 2012, 7, 268-72.	3.0	0