Wen-Ting Zhang

List of Publications by Year
in descending order

23	1,185	516215 16	676716 22
papers	citations	h-index	g-index

23	23	23	1792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	STAT6/Arg1 promotes microglia/macrophage efferocytosis and inflammation resolution in stroke mice. JCI Insight, 2019, 4, .	2.3	146
2	Endothelium-targeted overexpression of heat shock protein 27 ameliorates bloodâ€“brain barrier disruption after ischemic brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1243-E1252.	3.3	119
3	Omega-3 Polyunsaturated Fatty Acid Supplementation Confers Long-Term Neuroprotection Against Neonatal Hypoxicâ€“Ischemic Brain Injury Through Anti-Inflammatory Actions. Stroke, 2010, 41, 2341-2347.	1.0	108
4	Omega-3 polyunsaturated fatty acids in the brain: metabolism and neuroprotection. Frontiers in Bioscience - Landmark, 2011, 16, 2653.	3.0	78
5	A Post-stroke Therapeutic Regimen with Omega-3 Polyunsaturated Fatty Acids that Promotes White Matter Integrity and Beneficial Microglial Responses after Cerebral Ischemia. Translational Stroke Research, 2016, 7, 548-561.	2.3	70
6	Omega-3 polyunsaturated fatty acids mitigate bloodâ€“brain barrier disruption after hypoxicâ€“ischemic brain injury. Neurobiology of Disease, 2016, 91, 37-46.	2.1	70
7	Macrophages reprogram after ischemic stroke and promote efferocytosis and inflammation resolution in the mouse brain. CNS Neuroscience and Therapeutics, 2019, 25, 1329-1342.	1.9	67
8	Protective effects of sulforaphane in experimental vascular cognitive impairment: Contribution of the Nrf2 pathway. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 352-366.	2.4	66
9	n -3 Polyunsaturated Fatty Acids Reduce Neonatal Hypoxic/Ischemic Brain Injury by Promoting Phosphatidylserine Formation and Akt Signaling. Stroke, 2015, 46, 2943-2950.	1.0	58
10	Inhibition of Na + -K + -2Cl â^' cotransporter attenuates blood-brain-barrier disruption in a mouse model of traumatic brain injury. Neurochemistry International, 2017, 111, 23-31.	1.9	47
11	Fatty acid transporting proteins: Roles in brain development, aging, and stroke. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 136, 35-45.	1.0	46
12	Dietary supplementation with omega-3 polyunsaturated fatty acids robustly promotes neurovascular restorative dynamics and improves neurological functions after stroke. Experimental Neurology, 2015, 272, 170-180.	2.0	44
13	Preconditioning with partial caloric restriction confers long-term protection against grey and white matter injury after transient focal ischemia. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1394-1409.	2.4	42
14	Genome-wide transcriptomic analysis of microglia reveals impaired responses in aged mice after cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, S49-S66.	2.4	41
15	Promoting Neurovascular Recovery in Aged Mice after Ischemic Stroke - Prophylactic Effect of Omega-3 Polyunsaturated Fatty Acids. , 2017, 8, 531.		39
16	Delayed Docosahexaenoic Acid Treatment Combined with Dietary Supplementation of Omega-3 Fatty Acids Promotes Long-Term Neurovascular Restoration After Ischemic Stroke. Translational Stroke Research, 2016, 7, 521-534.	2.3	34
17	Severity-Dependent Long-Term Spatial Learning-Memory Impairment in a Mouse Model of Traumatic Brain Injury. Translational Stroke Research, 2016, 7, 512-520.	2.3	34
18	Optimized mouse model of embolic MCAO: From cerebral blood flow to neurological outcomes. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 495-509.	2.4	21

#	Article	IF	Citations
19	Intranasal delivery of interleukin-4 attenuates chronic cognitive deficits via beneficial microglial responses in experimental traumatic brain injury. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2870-2886.	2.4	21
20	Hypoxic preconditioning improves longâ€term functional outcomes after neonatal hypoxiaâ€“ischemic injury by restoring white matter integrity and brain development. CNS Neuroscience and Therapeutics, 2019, 25, 734-747.	1.9	17
21	Distinctive functional deficiencies in axonal conduction associated with two forms of cerebral white matter injury. CNS Neuroscience and Therapeutics, 2019, 25, 1018-1029.	1.9	10
22	Diffusion Tensor Imaging (DTI) of the Cesareanâ€Scarred Uterus in vivo at 3T: Comparison Study of DTI Parameters Between Nonpregnant and Pregnant Cases. Journal of Magnetic Resonance Imaging, 2020, 51, 124-130.	1.9	5
23	Functional diversities of myeloid cells in the central nervous system. CNS Neuroscience and Therapeutics, 2020, 26, 1205-1206.	1.9	2