Xiaoyan Jiang

List of Publications by Year
in descending order

16 papers	1,884 citations	566801 15 h-index	940134 16 g-index
17 all docs	17 docs citations	17 times ranked	2833 citing authors

#	Article	IF	Citations
1	Blood-brain barrier dysfunction and recovery after ischemic stroke. Progress in Neurobiology, 2018, 163-164, 144-171.	2.8	565
2	Rapid endothelial cytoskeletal reorganization enables early bloodâ€“brain barrier disruption and long-term ischaemic reperfusion brain injury. Nature Communications, 2016, 7, 10523.	5.8	309
3	HDAC inhibition prevents white matter injury by modulating microglia/macrophage polarization through the GSK3Î²/PTEN/Akt axis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2853-2858.	3.3	303
4	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
5	Microglial/Macrophage polarization and function in brain injury and repair after stroke. CNS Neuroscience and Therapeutics, 2021, 27, 515-527.	1.9	91
6	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
7	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
8	Câ€C Chemokine Receptor Type 5 (CCR5)â€Mediated Docking of Transferred Tregs Protects Against Early Bloodâ€Brain Barrier Disruption After Stroke. Journal of the American Heart Association, 2017, 6, .	1.6	65
9	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
10	Transient selective brain cooling confers neurovascular and functional protection from acute to chronic stages of ischemia/reperfusion brain injury. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1215-1231.	2.4	45
11	Promoting Neurovascular Recovery in Aged Mice after Ischemic Stroke - Prophylactic Effect of Omega-3 Polyunsaturated Fatty Acids. , 2017, 8, 531.		39
12	Microglial Responses to Brain Injury and Disease: Functional Diversity and New Opportunities. Translational Stroke Research, 2021, 12, 474-495.	2.3	36
13	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
14	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
15	Post-stroke administration of omega-3 polyunsaturated fatty acids promotes neurovascular restoration after ischemic stroke in mice: Efficacy declines with aging. Neurobiology of Disease, 2019, 126, 62-75.	2.1	31
16	Adiponectin ameliorates hypoperfusive cognitive deficits by boosting a neuroprotective microglial response. Progress in Neurobiology, 2021, 205, 102125.	2.8	20