

Hongjian Pu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,913
citations

304368

22
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

2928
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-4 improves white matter integrity and functional recovery after murine traumatic brain injury via oligodendroglial PPAR β . <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 511-529.	2.4	37
2	Inhibition of TGF β 2-activated kinase 1 promotes inflammation-resolving microglial/macrophage responses and recovery after stroke in ovariectomized female mice. <i>Neurobiology of Disease</i> , 2021, 151, 105257.	2.1	14
3	Intranasal delivery of interleukin-4 attenuates chronic cognitive deficits via beneficial microglial responses in experimental traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2870-2886.	2.4	21
4	Endothelium-Targeted Deletion of microRNA-15a/16-1 Promotes Poststroke Angiogenesis and Improves Long-Term Neurological Recovery. <i>Circulation Research</i> , 2020, 126, 1040-1057.	2.0	75
5	Transforming Growth Factor Beta-Activated Kinase 1-Dependent Microglial and Macrophage Responses Aggravate Long-Term Outcomes After Ischemic Stroke. <i>Stroke</i> , 2020, 51, 975-985.	1.0	55
6	Preconditioning with partial caloric restriction confers long-term protection against grey and white matter injury after transient focal ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1394-1409.	2.4	42
7	Protease-independent action of tissue plasminogen activator in brain plasticity and neurological recovery after ischemic stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9115-9124.	3.3	37
8	Post-stroke administration of omega-3 polyunsaturated fatty acids promotes neurovascular restoration after ischemic stroke in mice: Efficacy declines with aging. <i>Neurobiology of Disease</i> , 2019, 126, 62-75.	2.1	31
9	Tissue plasminogen activator promotes white matter integrity and functional recovery in a murine model of traumatic brain injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9230-E9238.	3.3	54
10	Endothelium-targeted overexpression of heat shock protein 27 ameliorates blood-brain barrier disruption after ischemic brain injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1243-E1252.	3.3	119
11	Repetitive and Prolonged Omega-3 Fatty Acid Treatment after Traumatic Brain Injury Enhances Long-Term Tissue Restoration and Cognitive Recovery. <i>Cell Transplantation</i> , 2017, 26, 555-569.	1.2	30
12	Inhibition of Na ⁺ -K ⁺ -2Cl ⁻ cotransporter attenuates blood-brain-barrier disruption in a mouse model of traumatic brain injury. <i>Neurochemistry International</i> , 2017, 111, 23-31.	1.9	47
13	Implantation of Brain-Derived Extracellular Matrix Enhances Neurological Recovery after Traumatic Brain Injury. <i>Cell Transplantation</i> , 2017, 26, 1224-1234.	1.2	56
14	A Post-stroke Therapeutic Regimen with Omega-3 Polyunsaturated Fatty Acids that Promotes White Matter Integrity and Beneficial Microglial Responses after Cerebral Ischemia. <i>Translational Stroke Research</i> , 2016, 7, 548-561.	2.3	70
15	Delayed Docosahexaenoic Acid Treatment Combined with Dietary Supplementation of Omega-3 Fatty Acids Promotes Long-Term Neurovascular Restoration After Ischemic Stroke. <i>Translational Stroke Research</i> , 2016, 7, 521-534.	2.3	34
16	Severity-Dependent Long-Term Spatial Learning-Memory Impairment in a Mouse Model of Traumatic Brain Injury. <i>Translational Stroke Research</i> , 2016, 7, 512-520.	2.3	34
17	APE1/Ref-1 facilitates recovery of gray and white matter and neurological function after mild stroke injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3558-67.	3.3	42
18	Rapid endothelial cytoskeletal reorganization enables early blood-brain barrier disruption and long-term ischaemic reperfusion brain injury. <i>Nature Communications</i> , 2016, 7, 10523.	5.8	309

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19	Galectin-1-secreting neural stem cells elicit long-term neuroprotection against ischemic brain injury. <i>Scientific Reports</i> , 2015, 5, 9621.	1.6	45
20	HDAC inhibition prevents white matter injury by modulating microglia/macrophage polarization through the GSK3 β /PTEN/Akt axis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2853-2858.	3.3	303
21	White matter injury and microglia/macrophage polarization are strongly linked with age-related long-term deficits in neurological function after stroke. <i>Experimental Neurology</i> , 2015, 272, 109-119.	2.0	150
22	A comparison of different models with motor dysfunction after traumatic brain injury in adult rats. <i>Journal of Integrative Neuroscience</i> , 2014, 13, 579-593.	0.8	3
23	n-3 PUFA supplementation benefits microglial responses to myelin pathology. <i>Scientific Reports</i> , 2014, 4, 7458.	1.6	117
24	Omega-3 Polyunsaturated Fatty Acid Supplementation Improves Neurologic Recovery and Attenuates White Matter Injury after Experimental Traumatic Brain Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1474-1484.	2.4	94
25	Scriptaid, a Novel Histone Deacetylase Inhibitor, Protects Against Traumatic Brain Injury via Modulation of PTEN and AKT Pathway. <i>Neurotherapeutics</i> , 2013, 10, 124-142.	2.1	88