Xun-Ming Ji

List of Publications by Citations

125 papers	3,640 citations	27 h-index	57 g-index
133 ext. papers	4,920 ext. citations	6.2 avg, IF	5.33 L-index

#	Paper	IF	Citations
125	Transfer of mitochondria from astrocytes to neurons after stroke. *Nature*, **2016**, 535, 551-5	50.4	561
124	Stroke in China: advances and challenges in epidemiology, prevention, and management. *Lancet Neurology, The*, **2019**, 18, 394-405	24.1	403
123	Upper limb ischemic preconditioning prevents recurrent stroke in intracranial arterial stenosis. *Neurology*, **2012**, 79, 1853-61	6.5	244
122	Interleukin-4 Is Essential for Microglia/Macrophage M2 Polarization and Long-Term Recovery After Cerebral Ischemia. *Stroke*, **2016**, 47, 498-504	6.7	201
121	White matter injury in ischemic stroke. *Progress in Neurobiology*, **2016**, 141, 45-60	10.9	137
120	Remote ischaemic conditioning-a new paradigm of self-protection in the brain. *Nature Reviews Neurology*, **2015**, 11, 698-710	15	113
119	Preconditioning in neuroprotection: From hypoxia to ischemia. *Progress in Neurobiology*, **2017**, 157, 79-91	10.9	106
118	Ischemic Conditioning Is Safe and Effective for Octo- and Nonagenarians in Stroke Prevention and Treatment. *Neurotherapeutics*, **2015**, 12, 667-77	6.4	98
117	Safety and Efficacy of Remote Ischemic Preconditioning in Patients With Severe Carotid Artery Stenosis Before Carotid Artery Stenting: A Proof-of-Concept, Randomized Controlled Trial. *Circulation*, **2017**, 135, 1325-1335	16.7	77
116	Remote Ischemic Conditioning May Improve Outcomes of Patients With Cerebral Small-Vessel Disease. *Stroke*, **2017**, 48, 3064-3072	6.7	65
115	Extracellular Mitochondria in Cerebrospinal Fluid and Neurological Recovery After Subarachnoid Hemorrhage. *Stroke*, **2017**, 48, 2231-2237	6.7	63
114	Non-pharmaceutical therapies for stroke: mechanisms and clinical implications. *Progress in Neurobiology*, **2014**, 115, 246-69	10.9	61
113	Normobaric hyperoxia slows blood-brain barrier damage and expands the therapeutic time window for tissue-type plasminogen activator treatment in cerebral ischemia. *Stroke*, **2015**, 46, 1344-1351	6.7	57
112	Remote ischemic postconditioning alleviates cerebral ischemic injury by attenuating endoplasmic reticulum stress-mediated apoptosis. *Translational Stroke Research*, **2014**, 5, 692-700	7.8	57
111	Early Detection and Quantification of Cerebral Venous Thrombosis by Magnetic Resonance Black-Blood Thrombus Imaging. *Stroke*, **2016**, 47, 404-9	6.7	54
110	Remote ischemic post-conditioning reduced brain damage in experimental ischemia/reperfusion injury. *Neurological Research*, **2011**, 33, 514-9	2.7	53
109	Safety, feasibility, and potential efficacy of intraarterial selective cooling infusion for stroke patients treated with mechanical thrombectomy. *Journal of Cerebral Blood Flow and Metabolism*, **2018**, 38, 2251-2260	7.3	46

108	Limb remote ischemic per-conditioning in combination with post-conditioning reduces brain damage and promotes neuroglobin expression in the rat brain after ischemic stroke. *Restorative Neurology and Neuroscience*, **2015**, 33, 369-79	2.8	42
107	Normobaric Hyperoxia Reduces Blood Occludin Fragments in Rats and Patients With Acute Ischemic Stroke. *Stroke*, **2017**, 48, 2848-2854	6.7	38
106	Remote ischemic conditioning: a promising therapeutic intervention for multi-organ protection. *Aging*, **2018**, 10, 1825-1855	5.6	36
105	Brain-to-cervical lymph node signaling after stroke. *Nature Communications*, **2019**, 10, 5306	17.4	35
104	Progress in moyamoya disease. *Neurosurgical Review*, **2020**, 43, 371-382	3.9	34
103	Evaluation of plasma D-dimer plus fibrinogen in predicting acute CVST. *International Journal of Stroke*, **2014**, 9, 166-73	6.3	30
102	Enhanced beneficial effects of mild hypothermia by phenothiazine drugs in stroke therapy. *Neurological Research*, **2015**, 37, 454-60	2.7	30
101	Elevated trimethylamine -oxide related to ischemic brain lesions after carotid artery stenting. *Neurology*, **2018**, 90, e1283-e1290	6.5	29
100	Limb Ischemic Conditioning Improved Cognitive Deficits via eNOS-Dependent Augmentation of Angiogenesis after Chronic Cerebral Hypoperfusion in Rats **2018**, 9, 869-879		29
99	Zinc contributes to acute cerebral ischemia-induced blood-brain barrier disruption. *Neurobiology of Disease*, **2016**, 95, 12-21	7.5	28
98	Mutant erythropoietin without erythropoietic activity is neuroprotective against ischemic brain injury. *Stroke*, **2012**, 43, 3071-7	6.7	26
97	Remote ischemic conditioning for stroke: clinical data, challenges, and future directions. *Annals of Clinical and Translational Neurology*, **2019**, 6, 186-196	5.3	25
96	Advances in chronic cerebral circulation insufficiency. *CNS Neuroscience and Therapeutics*, **2018**, 24, 5-17	6.8	25
95	Potential circadian effects on translational failure for neuroprotection. *Nature*, **2020**, 582, 395-398	50.4	24
94	Herbal Formula Danggui-Shaoyao-San Promotes Neurogenesis and Angiogenesis in Rat Following Middle Cerebral Artery Occlusion **2015**, 6, 245-53		23
93	Comparison of neuroprotective effects in ischemic rats with different hypothermia procedures. *Neurological Research*, **2010**, 32, 378-83	2.7	23
92	Local mild hypothermia induced by intra-arterial cold saline infusion prolongs the time window of onset of reperfusion injury after transient focal ischemia in rats. *Neurological Research*, **2009**, 31, 43-51	2.7	23
91	Cerebral ischemia induces angiogenesis in the peri-infarct regions via Notch1 signaling activation. *Experimental Neurology*, **2018**, 304, 30-40	5.7	22

90	Understanding jugular venous outflow disturbance. *CNS Neuroscience and Therapeutics*, **2018**, 24, 473-482	4.8	22
89	Relationship between elevated plasma trimethylamine N-oxide levels and increased stroke injury. *Neurology*, **2020**, 94, e667-e677	6.5	21
88	Hypothermic neuroprotection against acute ischemic stroke: The 2019 update. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 461-481	7.3	21
87	Brain-selective mild hypothermia promotes long-term white matter integrity after ischemic stroke in mice. *CNS Neuroscience and Therapeutics*, **2018**, 24, 1275-1285	6.8	21
86	Long-term outcomes of acute ischemic stroke patients treated with endovascular thrombectomy: A real-world experience. *Journal of the Neurological Sciences*, **2018**, 390, 77-83	3.2	20
85	Mild focal hypothermia regulates the dynamic polarization of microglia after ischemic stroke in mice. *Neurological Research*, **2018**, 40, 508-515	2.7	19
84	Endovascular ischemic stroke models of adult rhesus monkeys: a comparison of two endovascular methods. *Scientific Reports*, **2016**, 6, 31608	4.9	19
83	The comparative analysis of non-thrombotic internal jugular vein stenosis and cerebral venous sinus stenosis. *Journal of Thrombosis and Thrombolysis*, **2019**, 48, 61-67	5.1	18
82	The effect of normobaric oxygen in patients with acute stroke: a systematic review and meta-analysis. *Neurological Research*, **2018**, 40, 433-444	2.7	18
81	Antithrombin III associated with fibrinogen predicts the risk of cerebral ischemic stroke. *Clinical Neurology and Neurosurgery*, **2011**, 113, 380-6	2	18
80	Inflammatory cytokines are involved in dihydrocapsaicin (DHC) and regional cooling infusion (RCI)-induced neuroprotection in ischemic rat. *Brain Research*, **2019**, 1710, 173-180	3.7	18
79	Reduced cerebral monocarboxylate transporters and lactate levels by ethanol and normobaric oxygen therapy in severe transient and permanent ischemic stroke. *Brain Research*, **2015**, 1603, 65-75	3.7	17
78	Hemorrhagic Moyamoya Disease Treatment: A Network Meta-Analysis. *World Neurosurgery*, **2018**, 117, e557-e562	2.1	17
77	Clinical Characteristics and Neuroimaging Findings in Internal Jugular Venous Outflow Disturbance. *Thrombosis and Haemostasis*, **2019**, 119, 308-318	7	17
76	Cervical spondylotic internal jugular venous compression syndrome. *CNS Neuroscience and Therapeutics*, **2020**, 26, 47-54	6.8	16
75	Remote Ischemic Conditioning Protects Diabetic Retinopathy in Streptozotocin-induced Diabetic Rats via Anti-Inflammation and Antioxidation **2018**, 9, 1122-1133		16
74	The effect of a microcatheter-based selective intra-arterial hypothermia on hemodynamic changes following transient cerebral ischemia. *Neurological Research*, **2015**, 37, 263-8	2.7	15
73	Selective intra-arterial brain cooling improves long-term outcomes in a non-human primate model of embolic stroke: Efficacy depending on reperfusion status. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 1415-1426	7.3	15

72	Combination therapy of normobaric oxygen with hypothermia or ethanol modulates pyruvate dehydrogenase complex in thromboembolic cerebral ischemia. *Journal of Neuroscience Research*, **2016**, 94, 749-58	4.4	15
71	Focal perfusion of circulating cooled blood reduces the infarction volume and improves neurological outcome in middle cerebral artery occlusion. *Neurological Research*, **2009**, 31, 340-5	2.7	15
70	Efficacy of stenting in patients with cerebral venous sinus thrombosis-related cerebral venous sinus stenosis. *Journal of NeuroInterventional Surgery*, **2019**, 11, 307-312	7.8	15
69	Ligustilide provides neuroprotection by promoting angiogenesis after cerebral ischemia. *Neurological Research*, **2020**, 42, 683-692	2.7	14
68	Multiphase adjuvant neuroprotection: A novel paradigm for improving acute ischemic stroke outcomes. *Brain Circulation*, **2020**, 6, 11-18	2.7	14
67	Aminophylline for treatment of postdural puncture headache: A randomized clinical trial. *Neurology* , **2018**, 90, e1523-e1529	6.5	13
66	The efficacy and safety of Batroxobin in combination with anticoagulation on cerebral venous sinus thrombosis. *Journal of Thrombosis and Thrombolysis*, **2018**, 46, 371-378	5.1	13
65	Chronic Remote Ischemic Conditioning May Mimic Regular Exercise:Perspective from Clinical Studies **2018**, 9, 165-171		13
64	Efficacy and Safety of Recanalization Therapy for Acute Ischemic Stroke With Large Vessel Occlusion: A Systematic Review. *Stroke*, **2020**, 51, 2026-2035	6.7	11
63	Quantitative assessment of symptomatic intracranial atherosclerosis and lenticulostriate arteries in recent stroke patients using whole-brain high-resolution cardiovascular magnetic resonance imaging. *Journal of Cardiovascular Magnetic Resonance*, **2018**, 20, 35	6.9	11
62	Enhanced oxidative stress response and neuroprotection of combined limb remote ischemic conditioning and atorvastatin after transient ischemic stroke in rats. *Brain Circulation*, **2017**, 3, 204-212	2.7	11
61	General anesthesia vs local anesthesia during mechanical thrombectomy in acute ischemic stroke. *Journal of the Neurological Sciences*, **2019**, 403, 13-18	3.2	10
60	Prognosis and risk factors for reocclusion after mechanical thrombectomy. *Annals of Clinical and Translational Neurology*, **2020**, 7, 420-428	5.3	10
59	Efficacy of remote ischemic conditioning on improving WMHs and cognition in very elderly patients with intracranial atherosclerotic stenosis. *Aging*, **2019**, 11, 634-648	5.6	10
58	Batroxobin in combination with anticoagulation may promote venous sinus recanalization in cerebral venous thrombosis: A real-world experience. *CNS Neuroscience and Therapeutics*, **2019**, 25, 638-646	6.8	9
57	Risk factors and predictors of outcomes in 243 Chinese patients with cerebral venous sinus thrombosis: A retrospective analysis. *Clinical Neurology and Neurosurgery*, **2019**, 183, 105384	2	9
56	Clinical characteristics and neuroimaging findings in eagle syndrome induced internal jugular vein stenosis. *Annals of Translational Medicine*, **2020**, 8, 97	3.2	9
55	Treatment of intracerebral hemorrhage: Current approaches and future directions. *Journal of the Neurological Sciences*, **2020**, 416, 117020	3.2	9

54	Serum neuron specific enolase may be a marker to predict the severity and outcome of cerebral venous thrombosis. *Journal of Neurology*, **2018**, 265, 46-51	5.5	9
53	Endovascular Ischemic Stroke Models in Nonhuman Primates. *Neurotherapeutics*, **2018**, 15, 146-155	6.4	8
52	Serum Occludin as a Biomarker to Predict the Severity of Acute Ischemic Stroke, Hemorrhagic Transformation, and Patient Prognosis **2020**, 11, 1395-1406		7
51	An MD2-perturbing peptide has therapeutic effects in rodent and rhesus monkey models of stroke. *Science Translational Medicine*, **2021**, 13,	17.5	7
50	Normobaric oxygen: a novel approach for treating chronic cerebral circulation insufficiency. *Clinical Interventions in Aging*, **2019**, 14, 565-570	4	6
49	Clinical differences between acute CVST and non-thrombotic CVSS. *Clinical Neurology and Neurosurgery*, **2012**, 114, 1257-62	2	6
48	Remote ischemic conditioning for the treatment of ischemic moyamoya disease. *CNS Neuroscience and Therapeutics*, **2020**, 26, 549-557	6.8	6
47	Remote Ischemic Conditioning Improves Attention Network Function and Blood Oxygen Levels in Unacclimatized Adults Exposed to High Altitude **2020**, 11, 820-827		6
46	Cerebral Venous Sinus Stenosis may Cause Intracranial Arterial Hypoperfusion. *Clinical Neuroradiology*, **2020**, 30, 409-411	2.7	6
45	Neuroprotective effects and mechanisms of ischemic/hypoxic preconditioning on neurological diseases. *CNS Neuroscience and Therapeutics*, **2021**, 27, 869-882	6.8	6
44	Correlation analysis of internal jugular vein abnormalities and cerebral venous sinus thrombosis. *Chinese Medical Journal*, **2012**, 125, 3671-4	2.9	6
43	Postinterventional Sedation Worsens Functional Outcomes in Patients with Acute Ischemic Stroke Treated with Endovascular Therapy. *World Neurosurgery*, **2019**, 130, e794-e803	2.1	5
42	Clinical Classification and Collateral Circulation in Chronic Cerebrospinal Venous Insufficiency. *Frontiers in Neurology*, **2020**, 11, 913	4.1	5
41	Safety and efficacy of remote ischemic conditioning for the treatment of intracerebral hemorrhage: A proof-of-concept randomized controlled trial. *International Journal of Stroke*, **2021**, 17474930211006580	6.3	5
40	Circadian Biology and Stroke. *Stroke*, **2021**, 52, 2180-2190	6.7	5
39	Primate Version of Modified Rankin Scale for Classifying Dysfunction in Rhesus Monkeys. *Stroke*, **2020**, 51, 1620-1623	6.7	5
38	Intranasal salvinorin A improves neurological outcome in rhesus monkey ischemic stroke model using autologous blood clot. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 723-730	7.3	5
37	Remote Ischemic Postconditioning vs. Physical Exercise After Stroke: an Alternative Rehabilitation Strategy?. *Molecular Neurobiology*, **2021**, 58, 3141-3157	6.2	5

36	Remote Ischemic Conditioning for Intracerebral Hemorrhage (RICH-1): Rationale and Study Protocol for a Pilot Open-Label Randomized Controlled Trial. *Frontiers in Neurology*, **2020**, 11, 313	4.1	4
35	Probable risk factors of internal jugular vein stenosis in Chinese patients-A real-world cohort study. *Clinical Neurology and Neurosurgery*, **2020**, 191, 105678	2	4
34	Clinical and neuroimaging correlates among cohorts of cerebral arteriostenosis, venostenosis and arterio-venous stenosis. *Aging*, **2019**, 11, 11073-11083	5.6	4
33	Pathogenesis and Management in Cerebrovenous Outflow Disorders **2021**, 12, 203-222		4
32	Cyclosporine-A-Induced Intracranial Thrombotic Complications: Systematic Review and Cases Report. *Frontiers in Neurology*, **2020**, 11, 563037	4.1	4
31	Impact of seasonal variations on the first ischemic events in patients with moyamoya disease. *Clinical Neurology and Neurosurgery*, **2018**, 173, 65-69	2	3
30	Circadian rhythms may not influence the outcomes of thrombolysis in patients with ischemic stroke: A study from China. *Chronobiology International*, **2018**, 35, 1533-1542	3.6	3
29	Safety and efficacy of remote ischemic conditioning in pediatric moyamoya disease patients treated with revascularization therapy. *Brain Circulation*, **2017**, 3, 213-218	2.7	3
28	The etiologies of new cases of cerebral venous sinus thrombosis reported in the past year. *Intractable and Rare Diseases Research*, **2012**, 1, 23-6	1.4	3
27	Blood-brain Barrier Disruption May Contribute to White Matter Lesions in the Setting of Internal Jugular Venous Stenosis. *Current Neurovascular Research*, **2019**, 16, 328-334	1.8	3
26	Reperfusion plus Selective Intra-arterial Cooling (SI-AC) Improve Recovery in a Nonhuman Primate Model of Stroke. *Neurotherapeutics*, **2020**, 17, 1931-1939	6.4	3
25	High-Resolution Magnetic Resonance Black Blood Thrombus Imaging and Serum D-Dimer in the Confirmation of Acute Cortical Vein Thrombosis. *Frontiers in Neurology*, **2021**, 12, 680040	4.1	3
24	Long-term outcome of endovascular therapy for acute basilar artery occlusion. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 1210-1218	7.3	3
23	Nonthrombotic internal jugular venous stenosis may facilitate cerebral venous thrombosis. *CNS Neuroscience and Therapeutics*, **2021**, 27, 1396-1408	6.8	3
22	Mitochondrial quality control in acute ischemic stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 3157-3170	7.3	3
21	Probable factors affecting clinical outcomes of internal jugular vein stenosis. *Annals of Translational Medicine*, **2019**, 7, 621	3.2	2
20	Cognitive impairment caused by hypoxia: from clinical evidences to molecular mechanisms. *Metabolic Brain Disease*, **2021**, 1	3.9	2
19	Hypoxia post-conditioning promoted glycolysis in mice cerebral ischemic model. *Brain Research*, **2020**, 1748, 147044	3.7	2

18	Cerebral venous sinus thrombosis due to external compression of internal jugular vein. *Journal of International Medical Research*, **2021**, 49, 3000605211006609	1.4	2
17	Normobaric oxygen may correct chronic cerebral ischemia-mediated EEG anomalies. *CNS Neuroscience and Therapeutics*, **2021**, 27, 1214-1223	6.8	2
16	Normobaric Oxygen May Ameliorate Cerebral Venous Outflow Disturbance-Related Neurological Symptoms. *Frontiers in Neurology*, **2020**, 11, 599985	4.1	1
15	Cerebral venous sinus stenosis should not be neglected when cerebral artery stenosis is confirmed: a case report. *International Journal of Neuroscience*, **2021**, 131, 1237-1242	2	1
14	Asymmetric lenticulostriate arteries in patients with moyamoya disease presenting with movement disorder: three new cases. *Neurological Research*, **2020**, 42, 665-669	2.7	1
13	Pathogeneses and Imaging Features of Cerebral White Matter Lesions of Vascular Origins **2021**, 12, 2031-2051		1
12	Selective therapeutic cooling: To maximize benefits and minimize side effects related to hypothermia. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 271678X211055959	7.3	1
11	Novel Acute Retinal Artery Ischemia and Reperfusion Model in Nonhuman Primates. *Stroke*, **2020**, 51, 2568-2572	6.7	1
10	Repeated remote ischaemic preconditioning can prevent acute mountain sickness after rapid ascent to a high altitude. *European Journal of Sport Science*, **2021**, 1-11	3.9	1
9	Efficacy and safety of normobaric hyperoxia combined with intravenous thrombolysis on acute ischemic stroke patients. *Neurological Research*, **2021**, 43, 809-814	2.7	1
8	Response by Hui et al to Letter Regarding, "Efficacy and Safety of Recanalization Therapy for Acute Ischemic Stroke With Large Vessel Occlusion". *Stroke*, **2021**, 52, e47	6.7	1
7	Dysregulation of Principal Circulating miRNAs in Non-human Primates Following Ischemic Stroke. *Frontiers in Neuroscience*, **2021**, 15, 738576	5.1	1
6	CCL2 (C-C Motif Chemokine Ligand 2) Biomarker Responses in Central Versus Peripheral Compartments After Focal Cerebral Ischemia. *Stroke*, **2021**, 52, 3670-3679	6.7	1
5	Hypoxic postconditioning promotes neurogenesis by modulating the metabolism of neural stem cells after cerebral ischemia. *Experimental Neurology*, **2022**, 347, 113871	5.7	1
4	Phenotype Shifting in Astrocytes Account for Benefits of Intra-Arterial Selective Cooling Infusion in Hypertensive Rats of Ischemic Stroke.. *Neurotherapeutics*, **2022**, 1	6.4	0
3	Daily Remote Ischemic Conditioning Can Improve Cerebral Perfusion and Slow Arterial Progression of Adult Moyamoya Disease-A Randomized Controlled Study.. *Frontiers in Neurology*, **2021**, 12, 811854	4.1	0
2	Different patterns of white matter lesions among patent foramen ovale, atherosclerotic cerebral small vessel disease and cerebral venous thrombosis.. *Journal of Thrombosis and Thrombolysis*, **2022**, 1	5.1	0
1	Characteristics of cerebral ischemic stroke based on moyamoya disease and atherosclerosis-associated intracranial arterial stenosis. *Neurological Sciences*, **2021**, 1	3.5	