Xun-Ming Ji

List of Publications by Year
in descending order

133 papers	6,091 citations	136950 32 h-index	88630 70 g-index
133 all docs	133 docs citations	133 times ranked	6888 citing authors

#	Article	IF	Citations
1	Stroke in China: advances and challenges in epidemiology, prevention, and management. Lancet Neurology, The, 2019, 18, 394-405.	10.2	903
2	Transfer of mitochondria from astrocytes to neurons after stroke. Nature, 2016, 535, 551-555.	27.8	872
3	Upper limb ischemic preconditioning prevents recurrent stroke in intracranial arterial stenosis. Neurology, 2012, 79, 1853-1861.	1.1	310
4	Interleukin-4 Is Essential for Microglia/Macrophage M2 Polarization and Long-Term Recovery After Cerebral Ischemia. Stroke, 2016, 47, 498-504.	2.0	300
5	White matter injury in ischemic stroke. Progress in Neurobiology, 2016, 141, 45-60.	5.7	196
6	Remote ischaemic conditioningâ€"a new paradigm of self-protection in the brain. Nature Reviews Neurology, 2015, 11, 698-710.	10.1	169
7	Preconditioning in neuroprotection: From hypoxia to ischemia. Progress in Neurobiology, 2017, 157, 79-91.	5.7	156
8	Ischemic Conditioning Is Safe and Effective for Octo- and Nonagenarians in Stroke Prevention and Treatment. Neurotherapeutics, 2015, 12, 667-677.	4.4	131
9	Safety and Efficacy of Remote Ischemic Preconditioning in Patients With Severe Carotid Artery Stenosis Before Carotid Artery Stenting. Circulation, 2017, 135, 1325-1335.	1.6	108
10	Extracellular Mitochondria in Cerebrospinal Fluid and Neurological Recovery After Subarachnoid Hemorrhage. Stroke, 2017, 48, 2231-2237.	2.0	95
11	Remote Ischemic Conditioning May Improve Outcomes of Patients With Cerebral Small-Vessel Disease. Stroke, 2017, 48, 3064-3072.	2.0	91
12	Progress in moyamoya disease. Neurosurgical Review, 2020, 43, 371-382.	2.4	88
13	Potential circadian effects on translational failure for neuroprotection. Nature, 2020, 582, 395-398.	27.8	85
14	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.	4.3	78
15	Non-pharmaceutical therapies for stroke: Mechanisms and clinical implications. Progress in Neurobiology, 2014, 115, 246-269.	5.7	73
16	Remote ischemic post-conditioning reduced brain damage in experimental ischemia/reperfusion injury. Neurological Research, 2011, 33, 514-519.	1.3	72
17	Normobaric Hyperoxia Slows Bloodâ€"Brain Barrier Damage and Expands the Therapeutic Time Window for Tissue-Type Plasminogen Activator Treatment in Cerebral Ischemia. Stroke, 2015, 46, 1344-1351.	2.0	70
18	Brain-to-cervical lymph node signaling after stroke. Nature Communications, 2019, 10, 5306.	12.8	70

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19	Early Detection and Quantification of Cerebral Venous Thrombosis by Magnetic Resonance Black-Blood Thrombus Imaging. Stroke, 2016, 47, 404-409.	2.0	68
20	Remote Ischemic Postconditioning Alleviates Cerebral Ischemic Injury by Attenuating Endoplasmic Reticulum Stress-Mediated Apoptosis. Translational Stroke Research, 2014, 5, 692-700.	4.2	66
21	Remote ischemic conditioning: a promising therapeutic intervention for multi-organ protection. Aging, 2018, 10, 1825-1855.	3.1	57
22	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, 369-379.	0.7	55
23	Normobaric Hyperoxia Reduces Blood Occludin Fragments in Rats and Patients With Acute Ischemic Stroke. Stroke, 2017, 48, 2848-2854.	2.0	50
24	Evaluation of Plasma d-Dimer Plus Fibrinogen in Predicting Acute CVST. International Journal of Stroke, 2014, 9, 166-173.	5.9	46
25	Relationship between elevated plasma trimethylamine N-oxide levels and increased stroke injury. Neurology, 2020, 94, e667-e677.	1.1	45
26	Zinc contributes to acute cerebral ischemia-induced bloodâ€“brain barrier disruption. Neurobiology of Disease, 2016, 95, 12-21.	4.4	43
27	Advances in chronic cerebral circulation insufficiency. CNS Neuroscience and Therapeutics, 2018, 24, 5-17.	3.9	43
28	Limb Ischemic Conditioning Improved Cognitive Deficits via eNOS-Dependent Augmentation of Angiogenesis after Chronic Cerebral Hypoperfusion in Rats. , 2018, 9, 869.		43
29	Multiphase adjuvant neuroprotection: A novel paradigm for improving acute ischemic stroke outcomes. Brain Circulation, 2020, 6, 11.	1.8	43
30	Elevated trimethylamine N -oxide related to ischemic brain lesions after carotid artery stenting. Neurology, 2018, 90, e1283-e1290.	1.1	42
31	Remote ischemic conditioning for stroke: clinical data, challenges, and future directions. Annals of Clinical and Translational Neurology, 2019, 6, 186-196.	3.7	42
32	Hypothermic neuroprotection against acute ischemic stroke: The 2019 update. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 461-481.	4.3	40
33	Circadian Biology and Stroke. Stroke, 2021, 52, 2180-2190.	2.0	38
34	Mitochondrial quality control in acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 3157-3170.	4.3	38
35	Understanding jugular venous outflow disturbance. CNS Neuroscience and Therapeutics, 2018, 24, 473-482.	3.9	37
36	Neuroprotective effects and mechanisms of ischemic/hypoxic preconditioning on neurological diseases. CNS Neuroscience and Therapeutics, 2021, 27, 869-882.	3.9	35

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37	Brainâ€selective mild hypothermia promotes longâ€term white matter integrity after ischemic stroke in mice. CNS Neuroscience and Therapeutics, 2018, 24, 1275-1285.	3.9	34
38	Herbal Formula Danggui-Shaoyao-San Promotes Neurogenesis and Angiogenesis in Rat Following Middle Cerebral Artery Occlusion. , 2015, 6, 245.		33
39	Cerebral ischemia induces angiogenesis in the peri-infarct regions via Notch1 signaling activation. Experimental Neurology, 2018, 304, 30-40.	4.1	32
40	Efficacy and Safety of Recanalization Therapy for Acute Ischemic Stroke With Large Vessel Occlusion. Stroke, 2020, 51, 2026-2035.	2.0	32
41	Enhanced beneficial effects of mild hypothermia by phenothiazine drugs in stroke therapy. Neurological Research, 2015, 37, 454-460.	1.3	31
42	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.	0.6	31
43	The comparative analysis of non-thrombotic internal jugular vein stenosis and cerebral venous sinus stenosis. Journal of Thrombosis and Thrombolysis, 2019, 48, 61-67.	2.1	31
44	Clinical Characteristics and Neuroimaging Findings in Internal Jugular Venous Outflow Disturbance. Thrombosis and Haemostasis, 2019, 119, 308-318.	3.4	31
45	Comparison of neuroprotective effects in ischemic rats with different hypothermia procedures. Neurological Research, 2010, 32, 378-383.	1.3	30
46	Mutant Erythropoietin Without Erythropoietic Activity Is Neuroprotective Against Ischemic Brain Injury. Stroke, 2012, 43, 3071-3077.	2.0	30
47	Ligustilide provides neuroprotection by promoting angiogenesis after cerebral ischemia. Neurological Research, 2020, 42, 683-692.	1.3	29
48	Mild focal hypothermia regulates the dynamic polarization of microglia after ischemic stroke in mice. Neurological Research, 2018, 40, 508-515.	1.3	28
49	The effect of normobaric oxygen in patients with acute stroke: a systematic review and meta-analysis. Neurological Research, 2018, 40, 433-444.	1.3	28
50	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.	4.3	28
51	Cervical spondylotic internal jugular venous compression syndrome. CNS Neuroscience and Therapeutics, 2020, 26, 47-54.	3.9	27
52	Treatment of intracerebral hemorrhage: Current approaches and future directions. Journal of the Neurological Sciences, 2020, 416, 117020.	0.6	27
53	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.	1.3	26
54	Antithrombin III associated with fibrinogen predicts the risk of cerebral ischemic stroke. Clinical Neurology and Neurosurgery, 2011, 113, 380-386.	1.4	26

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55	Hemorrhagic Moyamoya Disease Treatment: A Network Meta-Analysis. World Neurosurgery, 2018, 117, e557-e562.	1.3	26
56	Inflammatory cytokines are involved in dihydrocapsaicin (DHC) and regional cooling infusion (RCI)-induced neuroprotection in ischemic rat. Brain Research, 2019, 1710, 173-180.	2.2	25
57	Endovascular ischemic stroke models of adult rhesus monkeys: a comparison of two endovascular methods. Scientific Reports, 2016, 6, 31608.	3.3	24
58	Chronic Remote Ischemic Conditioning May Mimic Regular Exercise:Perspective from Clinical Studies. , 2018, 9, 165.		23
59	Prognosis and risk factors for reocclusion after mechanical thrombectomy. Annals of Clinical and Translational Neurology, 2020, 7, 420-428.	3.7	23
60	Cognitive impairment caused by hypoxia: from clinical evidences to molecular mechanisms. Metabolic Brain Disease, 2022, 37, 51-66.	2.9	23
61	Remote Ischemic Conditioning Protects Diabetic Retinopathy in Streptozotocin-induced Diabetic Rats via Anti-Inflammation and Antioxidation. , 2018, 9, 1122.		22
62	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.	3.3	22
63	Clinical characteristics and neuroimaging findings in eagle syndrome induced internal jugular vein stenosis. Annals of Translational Medicine, 2020, 8, 97-97.	1.7	22
64	Aminophylline for treatment of postdural puncture headache. Neurology, 2018, 90, e1523-e1529.	1.1	21
65	Efficacy of stenting in patients with cerebral venous sinus thrombosis-related cerebral venous sinus stenosis. Journal of NeuroInterventional Surgery, 2019, 11, 307-312.	3.3	21
66	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.	2.2	20
67	Focal perfusion of circulating cooled blood reduces the infarction volume and improves neurological outcome in middle cerebral artery occlusion. Neurological Research, 2009, 31, 340-345.	1.3	18
68	Combination therapy of normobaric oxygen with hypothermia or ethanol modulates pyruvate dehydrogenase complex in thromboembolic cerebral ischemia. Journal of Neuroscience Research, 2016, 94, 749-758.	2.9	18
69	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.	3.6	18
70	The efficacy and safety of Batroxobin in combination with anticoagulation on cerebral venous sinus thrombosis. Journal of Thrombosis and Thrombolysis, 2018, 46, 371-378.	2.1	18
71	Efficacy of remote ischemic conditioning on improving WMHs and cognition in very elderly patients with intracranial atherosclerotic stenosis. Aging, 2019, 11, 634-648.	3.1	18
72	The effect of a microcatheter-based selective intra-arterial hypothermia on hemodynamic changes following transient cerebral ischemia. Neurological Research, 2015, 37, 263-268.	1.3	17

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73	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.	1.4	17
74	Remote Ischemic Conditioning Improves Attention Network Function and Blood Oxygen Levels in Unacclimatized Adults Exposed to High Altitude. , 2020, 11, 820.		17
75	Batroxobin in combination with anticoagulation may promote venous sinus recanalization in cerebral venous thrombosis: A realâ€world experience. CNS Neuroscience and Therapeutics, 2019, 25, 638-646.	3.9	16
76	Safety and efficacy of remote ischemic conditioning for the treatment of intracerebral hemorrhage: A proof-of-concept randomized controlled trial. International Journal of Stroke, 2022, 17, 425-433.	5.9	16
77	An MD2-perturbing peptide has therapeutic effects in rodent and rhesus monkey models of stroke. Science Translational Medicine, 2021, 13, .	12.4	16
78	Pathogenesis and Management in Cerebrovenous Outflow Disorders. , 2021, 12, 203.		15
79	Long-term outcome of endovascular therapy for acute basilar artery occlusion. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1210-1218.	4.3	14
80	Remote Ischemic Postconditioning vs. Physical Exercise After Stroke: an Alternative Rehabilitation Strategy?. Molecular Neurobiology, 2021, 58, 3141-3157.	4.0	14
81	Remote ischemic conditioning for the treatment of ischemic moyamoya disease. CNS Neuroscience and Therapeutics, 2020, 26, 549-557.	3.9	13
82	Normobaric oxygen: a novel approach for treating chronic cerebral circulation insufficiency . Clinical Interventions in Aging, 2019, Volume 14, 565-570.	2.9	12
83	Cerebral Venous Sinus Stenosis may Cause Intracranial Arterial Hypoperfusion. Clinical Neuroradiology, 2020, 30, 409-411.	1.9	12
84	Serum Occludin as a Biomarker to Predict the Severity of Acute Ischemic Stroke, Hemorrhagic Transformation, and Patient Prognosis. , 2020, 11, 1395.		12
85	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.	2.4	12
86	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.	1.8	12
87	Endovascular Ischemic Stroke Models in Nonhuman Primates. Neurotherapeutics, 2018, 15, 146-155.	4.4	11
88	General anesthesia vs local anesthesia during mechanical thrombectomy in acute ischemic stroke. Journal of the Neurological Sciences, 2019, 403, 13-18.	0.6	11
89	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.	2.4	11
90	Clinical and neuroimaging correlates among cohorts of cerebral arteriostenosis, venostenosis and arterio-venous stenosis. Aging, 2019, 11, 11073-11083.	3.1	11

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91	Correlation analysis of internal jugular vein abnormalities and cerebral venous sinus thrombosis. Chinese Medical Journal, 2012, 125, 3671-4.	2.3	11
92	Primate Version of Modified Rankin Scale for Classifying Dysfunction in Rhesus Monkeys. Stroke, 2020, 51, 1620-1623.	2.0	10
93	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.	4.3	10
94	Pathogeneses and Imaging Features of Cerebral White Matter Lesions of Vascular Origins. , 2021, 12, 2031.		10
95	Association between the time of day at stroke onset and functional outcome of acute ischemic stroke patients treated with endovascular therapy. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 2191-2200.	4.3	9
96	Circadian rhythms may not influence the outcomes of thrombolysis in patients with ischemic stroke: A study from China. Chronobiology International, 2018, 35, 1533-1542.	2.0	8
97	Clinical Classification and Collateral Circulation in Chronic Cerebrospinal Venous Insufficiency. Frontiers in Neurology, 2020, 11, 913.	2.4	8
98	Efficacy and safety of normobaric hyperoxia combined with intravenous thrombolysis on acute ischemic stroke patients. Neurological Research, 2021, 43, 809-814.	1.3	8
99	Hypoxic postconditioning promotes neurogenesis by modulating the metabolism of neural stem cells after cerebral ischemia. Experimental Neurology, 2022, 347, 113871.	4.1	8
100	Selective therapeutic cooling: To maximize benefits and minimize side effects related to hypothermia. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 213-215.	4.3	8
101	Higher serum occludin after successful reperfusion Is associated with early neurological deterioration. CNS Neuroscience and Therapeutics, 2022, 28, 999-1007.	3.9	8
102	Probable risk factors of internal jugular vein stenosis in Chinese patientsâ€"A real-world cohort study. Clinical Neurology and Neurosurgery, 2020, 191, 105678.	1.4	7
103	Probable factors affecting clinical outcomes of internal jugular vein stenosis. Annals of Translational Medicine, 2019, 7, 621-621.	1.7	7
104	Safety and efficacy of remote ischemic conditioning in pediatric moyamoya disease patients treated with revascularization therapy. Brain Circulation, 2017, 3, 213.	1.8	7
105	Phenotype Shifting in Astrocytes Account for Benefits of Intra-Arterial Selective Cooling Infusion in Hypertensive Rats of Ischemic Stroke. Neurotherapeutics, 2022, 19, 386-398.	4.4	7
106	Clinical differences between acute CVST and non-thrombotic CVSS. Clinical Neurology and Neurosurgery, 2012, 114, 1257-1262.	1.4	6
107	Reperfusion plus Selective Intra-arterial Cooling (SI-AC) Improve Recovery in a Nonhuman Primate Model of Stroke. Neurotherapeutics, 2020, 17, 1931-1939.	4.4	6
108	Cerebral venous sinus thrombosis due to external compression of internal jugular vein. Journal of International Medical Research, 2021, 49, 030006052110066.	1.0	6

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109	CCL2 (C-C Motif Chemokine Ligand 2) Biomarker Responses in Central Versus Peripheral Compartments After Focal Cerebral Ischemia. Stroke, 2021, 52, 3670-3679.	2.0	6
110	Emergency Angioplasty or Stenting for Stroke Patients with Intracranial Atherosclerotic Large Vessel Occlusion. Journal of Atherosclerosis and Thrombosis, 2023, 30, 160-169.	2.0	6
111	Chronic remote ischemic conditioning for symptomatic internal carotid or middle cerebral artery occlusion: A prospective cohort study. CNS Neuroscience and Therapeutics, 2022, 28, 1365-1371.	3.9	6
112	Postinterventional Sedation Worsens Functional Outcomes in Patients with Acute Ischemic Stroke Treated with Endovascular Therapy. World Neurosurgery, 2019, 130, e794-e803.	1.3	5
113	Hypoxia post-conditioning promoted glycolysis in mice cerebral ischemic model. Brain Research, 2020, 1748, 147044.	2.2	5
114	Novel Acute Retinal Artery Ischemia and Reperfusion Model in Nonhuman Primates. Stroke, 2020, 51, 2568-2572.	2.0	5
115	Cyclosporine-A-Induced Intracranial Thrombotic Complications: Systematic Review and Cases Report. Frontiers in Neurology, 2020, 11, 563037.	2.4	5
116	The etiologies of new cases of cerebral venous sinus thrombosis reported in the past year. Intractable and Rare Diseases Research, 2012, 1, 23-6.	0.9	5
117	Daily Remote Ischemic Conditioning Can Improve Cerebral Perfusion and Slow Arterial Progression of Adult Moyamoya Diseaseâ€"A Randomized Controlled Study. Frontiers in Neurology, 2021, 12, 811854.	2.4	5
118	A clinically relevant model of focal embolic cerebral ischemia by thrombus and thrombolysis in rhesus monkeys. Nature Protocols, 2022, 17, 2054-2084.	12.0	5
119	Repeated remote ischaemic preconditioning can prevent acute mountain sickness after rapid ascent to a high altitude. European Journal of Sport Science, 2022, 22, 1304-1314.	2.7	4
120	Normobaric oxygen may correct chronic cerebral ischemiaâ€mediated EEG anomalies. CNS Neuroscience and Therapeutics, 2021, 27, 1214-1223.	3.9	4
121	Nonthrombotic internal jugular venous stenosis may facilitate cerebral venous thrombosis. CNS Neuroscience and Therapeutics, 2021, 27, 1396-1408.	3.9	4
122	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.	1.1	4
123	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, 53, 911-925.	2.1	4
124	Impact of seasonal variations on the first ischemic events in patients with moyamoya disease. Clinical Neurology and Neurosurgery, 2018, 173, 65-69.	1.4	3
125	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.	1.6	3
126	Asymmetric lenticulostriate arteries in patients with moyamoya disease presenting with movement disorder: three new cases. Neurological Research, 2020, 42, 665-669.	1.3	3

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127	The Negative Prognostic Role of Inflammatory Biomarkers in Patients With Chronic Cerebrospinal Venous Insufficiency. Neurologist, 2023, 28, 57-68.	0.7	3
128	The intraâ€arterial selective cooling infusion system: AÂmathematical temperature analysis and in vitro experiments for acute ischemic stroke therapy. CNS Neuroscience and Therapeutics, 0, , .	3.9	3
129	Characteristics of cerebral ischemic stroke based on moyamoya disease and atherosclerosis-associated intracranial arterial stenosis. Neurological Sciences, 2021, , 1.	1.9	2
130	Dysregulation of Principal Circulating miRNAs in Non-human Primates Following Ischemic Stroke. Frontiers in Neuroscience, 2021, 15, 738576.	2.8	2
131	Normobaric Oxygen May Ameliorate Cerebral Venous Outflow Disturbance-Related Neurological Symptoms. Frontiers in Neurology, 2020, 11, 599985.	2.4	1
132	Response by Hui et al to Letter Regarding, â€œEfficacy and Safety of Recanalization Therapy for Acute Ischemic Stroke With Large Vessel Occlusionâ€• Stroke, 2021, 52, e47.	2.0	1
133	Imaging features of adult moyamoya disease patients with anterior intracerebral hemorrhage based on high-resolution magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 0, , 0271678X2211110.	4.3	0