

Xiaokun Geng

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

1,759
citations

24
h-index

37
g-index

117
ext. papers

2,306
ext. citations

3.9
avg, IF

5.02
L-index

#	Paper	IF	Citations
106	NOX Activation by Subunit Interaction and Underlying Mechanisms in Disease. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 301	6.1	121
105	Preconditioning in neuroprotection: From hypoxia to ischemia. <i>Progress in Neurobiology</i> , 2017 , 157, 79-91	10.9	106
104	Curcumin Protects against Ischemic Stroke by Titrating Microglia/Macrophage Polarization. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 233	5.3	88
103	Endovascular Hypothermia in Acute Ischemic Stroke: Pilot Study of Selective Intra-Arterial Cold Saline Infusion. <i>Stroke</i> , 2016 , 47, 1933-5	6.7	65
102	Neuroprotective effect of acute ethanol administration in a rat with transient cerebral ischemia. <i>Stroke</i> , 2012 , 43, 205-10	6.7	62
101	PM exposure induces systemic inflammation and oxidative stress in an intracranial atherosclerosis rat model. <i>Environmental Toxicology</i> , 2019 , 34, 530-538	4.2	43
100	Screening circular RNA expression patterns following focal cerebral ischemia in mice. <i>Oncotarget</i> , 2017 , 8, 86535-86547	3.3	42
99	Neuroprotection conferred by post-ischemia ethanol therapy in experimental stroke: an inhibitory effect on hyperglycolysis and NADPH oxidase activation. <i>Journal of Neurochemistry</i> , 2013 , 126, 113-21	6	40
98	Cerebral Gluconeogenesis and Diseases. <i>Frontiers in Pharmacology</i> , 2016 , 7, 521	5.6	37
97	Exercise rehabilitation immediately following ischemic stroke exacerbates inflammatory injury. <i>Neurological Research</i> , 2017 , 39, 530-537	2.7	36
96	Reduced apoptosis by combining normobaric oxygenation with ethanol in transient ischemic stroke. <i>Brain Research</i> , 2013 , 1531, 17-24	3.7	35
95	Synergetic neuroprotection of normobaric oxygenation and ethanol in ischemic stroke through improved oxidative mechanism. <i>Stroke</i> , 2013 , 44, 1418-25	6.7	35
94	Hypoxia Inducible Factor-1 α (HIF-1 α) Mediates NLRP3 Inflammasome-Dependent-Pyroptotic and Apoptotic Cell Death Following Ischemic Stroke. <i>Neuroscience</i> , 2020 , 448, 126-139	3.9	33
93	Neuroinflammation caused by mental stress: the effect of chronic restraint stress and acute repeated social defeat stress in mice. <i>Neurological Research</i> , 2019 , 41, 762-769	2.7	32
92	Motor Imagery-Based Rehabilitation: Potential Neural Correlates and Clinical Application for Functional Recovery of Motor Deficits after Stroke 2017 , 8, 364-371		32
91	Splenic responses play an important role in remote ischemic preconditioning-mediated neuroprotection against stroke. <i>Journal of Neuroinflammation</i> , 2018 , 15, 167	10.1	32
90	Preischemic exercise reduces brain damage by ameliorating metabolic disorder in ischemia/reperfusion injury. <i>Journal of Neuroscience Research</i> , 2013 , 91, 818-27	4.4	32

89	Effect of remote ischemic postconditioning on an intracerebral hemorrhage stroke model in rats. <i>Neurological Research</i> , 2012 , 34, 143-8	2.7	31
88	Enhanced beneficial effects of mild hypothermia by phenothiazine drugs in stroke therapy. <i>Neurological Research</i> , 2015 , 37, 454-60	2.7	30
87	Combining Normobaric Oxygen with Ethanol or Hypothermia Prevents Brain Damage from Thromboembolic Stroke via PKC-Akt-NOX Modulation. <i>Molecular Neurobiology</i> , 2017 , 54, 1263-1277	6.2	29
86	Ethanol and normobaric oxygen: novel approach in modulating pyruvate dehydrogenase complex after severe transient and permanent ischemic stroke. <i>Stroke</i> , 2015 , 46, 492-9	6.7	29
85	The cerebral circulation and cerebrovascular disease I: Anatomy. <i>Brain Circulation</i> , 2017 , 3, 45-56	2.7	28
84	Analysis of long non-coding RNA expression profiles following focal cerebral ischemia in mice. <i>Neuroscience Letters</i> , 2018 , 665, 123-129	3.3	26
83	Hibernation-like neuroprotection in stroke by attenuating brain metabolic dysfunction. <i>Progress in Neurobiology</i> , 2017 , 157, 174-187	10.9	24
82	Exacerbation of Brain Injury by Post-Stroke Exercise Is Contingent Upon Exercise Initiation Timing. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 311	6.1	24
81	High Intensity Physical Rehabilitation Later Than 24 h Post Stroke Is Beneficial in Patients: A Pilot Randomized Controlled Trial (RCT) Study in Mild to Moderate Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019 , 10, 113	4.1	22
80	Therapeutic Target and Cell-signal Communication of Chlorpromazine and Promethazine in Attenuating Blood-Brain Barrier Disruption after Ischemic Stroke. <i>Cell Transplantation</i> , 2019 , 28, 145-156 ⁴		22
79	Neuroprotection by Chlorpromazine and Promethazine in Severe Transient and Permanent Ischemic Stroke. <i>Molecular Neurobiology</i> , 2017 , 54, 8140-8150	6.2	21
78	Splenectomy Fails to Provide Long-Term Protection Against Ischemic Stroke 2018 , 9, 467-479		21
77	A neuroproteomic and systems biology analysis of rat brain post intracerebral hemorrhagic stroke. <i>Brain Research Bulletin</i> , 2014 , 102, 46-56	3.9	21
76	A more consistent intraluminal rhesus monkey model of ischemic stroke. <i>Neural Regeneration Research</i> , 2014 , 9, 2087-94	4.5	21
75	The cerebral circulation and cerebrovascular disease III: Stroke. <i>Brain Circulation</i> , 2017 , 3, 66-77	2.7	21
74	A mini review: garlic extract and vascular diseases. <i>Neurological Research</i> , 2018 , 40, 421-425	2.7	19
73	Pharmacological hypothermia: a potential for future stroke therapy?. <i>Neurological Research</i> , 2016 , 38, 478-90	2.7	19
72	Enhanced apoptosis from early physical exercise rehabilitation following ischemic stroke. <i>Journal of Neuroscience Research</i> , 2017 , 95, 1017-1024	4.4	19

71	Early rehabilitation aggravates brain damage after stroke via enhanced activation of nicotinamide adenine dinucleotide phosphate oxidase (NOX). <i>Brain Research</i> , 2016 , 1648, 266-276	3.7	19
70	Stroke is a global epidemic: new developments in clinical and translational cerebrovascular diseases research. <i>Neurological Research</i> , 2017 , 39, 475-476	2.7	18
69	Effect of normobaric oxygen therapy in a rat model of intracerebral hemorrhage. <i>Stroke</i> , 2011 , 42, 1469-72	6.7	18
68	PM2.5 inhalation induces intracranial atherosclerosis which may be ameliorated by omega 3 fatty acids. <i>Oncotarget</i> , 2018 , 9, 3765-3778	3.3	18
67	Progress in AQP Research and New Developments in Therapeutic Approaches to Ischemic and Hemorrhagic Stroke. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	18
66	Reduced cerebral monocarboxylate transporters and lactate levels by ethanol and normobaric oxygen therapy in severe transient and permanent ischemic stroke. <i>Brain Research</i> , 2015 , 1603, 65-75	3.7	17
65	Remote ischemic conditioning reduced cerebral ischemic injury by modulating inflammatory responses and ERK activity in type 2 diabetic mice. <i>Neurochemistry International</i> , 2020 , 135, 104690	4.4	15
64	Omega-3 fatty acid supplement prevents development of intracranial atherosclerosis. <i>Neuroscience</i> , 2016 , 334, 226-235	3.9	15
63	Combination therapy of normobaric oxygen with hypothermia or ethanol modulates pyruvate dehydrogenase complex in thromboembolic cerebral ischemia. <i>Journal of Neuroscience Research</i> , 2016 , 94, 749-58	4.4	15
62	The cerebral circulation and cerebrovascular disease II: Pathogenesis of cerebrovascular disease. <i>Brain Circulation</i> , 2017 , 3, 57-65	2.7	15
61	Intravenous Administration of Standard Dose Tirofiban after Mechanical Arterial Recanalization is Safe and Relatively Effective in Acute Ischemic Stroke 2019 , 10, 1049-1057		14
60	Pyruvate dehydrogenase complex in cerebral ischemia-reperfusion injury. <i>Brain Circulation</i> , 2016 , 2, 61-66	6.7	14
59	Frequencies of circulating B- and T-lymphocytes as indicators for stroke outcomes. <i>Neuropsychiatric Disease and Treatment</i> , 2017 , 13, 2509-2518	3.1	13
58	Reduced Apoptosis by Ethanol and Its Association with PKC- ζ and Akt Signaling in Ischemic Stroke 2014 , 5, 366-72		13
57	In Search of a Dose: The Functional and Molecular Effects of Exercise on Post-stroke Rehabilitation in Rats. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 186	6.1	13
56	Therapeutic effect of tPA in ischemic stroke is enhanced by its combination with normobaric oxygen and hypothermia or ethanol. <i>Brain Research</i> , 2015 , 1627, 31-40	3.7	12
55	The changes of systemic immune responses during the neuroprotection induced by remote ischemic postconditioning against focal cerebral ischemia in mice. <i>Neurological Research</i> , 2019 , 41, 26-36	2.7	12
54	Comparison of self-expanding stents with distal embolic protection to balloon-expandable stents without a protection device in the treatment of symptomatic vertebral artery origin stenosis: a prospective randomized trial. <i>Journal of Endovascular Therapy</i> , 2015 , 22, 436-44	2.5	11

53	Efficacy of neuromuscular electrical stimulation in improving the negative psychological state in patients with cerebral infarction and dysphagia. <i>Neurological Research</i> , 2018 , 40, 473-479	2.7	11
52	Synergistically Induced Hypothermia and Enhanced Neuroprotection by Pharmacological and Physical Approaches in Stroke 2018 , 9, 578-589		11
51	Hypoxia-Inducible Factor 1 α and 2 β Have Beneficial Effects in Remote Ischemic Preconditioning Against Stroke by Modulating Inflammatory Responses in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 54	5.3	10
50	Omega-3 fatty acid supplement reduces activation of NADPH oxidase in intracranial atherosclerosis stenosis. <i>Neurological Research</i> , 2018 , 40, 499-507	2.7	10
49	Nicotinamide adenine dinucleotide phosphate oxidase activation and neuronal death after ischemic stroke. <i>Neural Regeneration Research</i> , 2019 , 14, 948-953	4.5	9
48	Clinical potential of pre-reperfusion hypothermia in ischemic injury. <i>Neurological Research</i> , 2019 , 41, 697-703	2.7	8
47	Spanning from the West to East: An Updated Review on Endovascular Treatment of Intracranial Atherosclerotic Disease 2017 , 8, 196-202		8
46	Ongoing progress in cleaning China's air: A novel outlook into pollution. <i>Environmental Disease</i> , 2016 , 1, 43	0.2	8
45	Filtered air intervention reduces inflammation and hypothalamus-pituitary-adrenal axis activation in adult male and female rats after PM 2.5 exposure. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 35341-35348	5.1	6
44	Mini Review (Part I): An Experimental Concept on Exercise and Ischemic Conditioning in Stroke Rehabilitation. <i>Brain Circulation</i> , 2020 , 6, 242-247	2.7	6
43	Reduced Apoptotic Injury by Phenothiazine in Ischemic Stroke through the NOX-Akt/PKC Pathway. <i>Brain Sciences</i> , 2019 , 9,	3.4	6
42	Panax notoginseng saponins and their applications in nervous system disorders: a narrative review. <i>Annals of Translational Medicine</i> , 2020 , 8, 1525	3.2	5
41	The effectiveness of cortico-cortical evoked potential in detecting seizure onset zones. <i>Neurological Research</i> , 2018 , 40, 480-490	2.7	5
40	Artificial Hibernation by Phenothiazines: A Potential Neuroprotective Therapy Against Cerebral Inflammation in Stroke. <i>Current Neurovascular Research</i> , 2019 , 16, 232-240	1.8	5
39	Phosphoenolpyruvate Carboxykinase (PCK) in the Brain Gluconeogenic Pathway Contributes to Oxidative and Lactic Injury After Stroke. <i>Molecular Neurobiology</i> , 2021 , 58, 2309-2321	6.2	5
38	Remote Ischemic Postconditioning vs. Physical Exercise After Stroke: an Alternative Rehabilitation Strategy?. <i>Molecular Neurobiology</i> , 2021 , 58, 3141-3157	6.2	5
37	Remote ischemic preconditioning protects against ischemic stroke in streptozotocin-induced diabetic mice via anti-inflammatory response and anti-apoptosis. <i>Brain Research</i> , 2019 , 1724, 146429	3.7	4
36	Phenothiazines Enhance the Hypothermic Preservation of Liver Grafts: A Pilot in Vitro Study. <i>Cell Transplantation</i> , 2019 , 28, 318-327	4	4

35	Brain and disease: an insight into new developments in the pathogenesis and novel therapies for neurological disorders. <i>Neurological Research</i> , 2018 , 40, 419-420	2.7	4
34	Weight loss: indication of brain damage and effect of combined normobaric oxygen and ethanol therapy after stroke. <i>Neurological Research</i> , 2015 , 37, 441-6	2.7	4
33	Hypoxia-inducible factor-1 and RIP3 triggers NLRP3 inflammasome in ischemic stroke. <i>Brain Circulation</i> , 2018 , 4, 191-192	2.7	4
32	Detrimental and Beneficial Effect of Autophagy and a Potential Therapeutic Target after Ischemic Stroke. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020 , 2020, 8372647	2.3	4
31	An inhibitory and beneficial effect of chlorpromazine and promethazine (C+P) on hyperglycolysis through HIF-1 β regulation in ischemic stroke. <i>Brain Research</i> , 2021 , 1763, 147463	3.7	4
30	A new clinically relevant model for intracranial atherosclerosis in rats. <i>Neurological Research</i> , 2016 , 38, 817-22	2.7	3
29	Low dose concomitant treatment with chlorpromazine and promethazine is safe in acute ischemic stroke. <i>Journal of Neurosurgical Sciences</i> , 2019 , 63, 265-269	1.3	3
28	Local endovascular infusion and hypothermia in stroke therapy: A systematic review. <i>Brain Circulation</i> , 2019 , 5, 68-73	2.7	3
27	Immunosuppression and Neuroinflammation in Stroke Pathobiology. <i>Experimental Neurobiology</i> , 2021 , 30, 101-112	4	3
26	Chlorpromazine and promethazine reduces Brain injury through RIP1-RIP3 regulated activation of NLRP3 inflammasome following ischemic stroke. <i>Neurological Research</i> , 2021 , 43, 668-676	2.7	3
25	Remote ischemic conditioning with exercise (RICE) promotes functional rehabilitation following ischemic stroke. <i>Neurological Research</i> , 2021 , 43, 874-883	2.7	3
24	Adjuvant High-Flow Normobaric Oxygen After Mechanical Thrombectomy for Anterior Circulation Stroke: a Randomized Clinical Trial. <i>Neurotherapeutics</i> , 2021 , 18, 1188-1197	6.4	3
23	Brain ultrasound for diagnosis and prognosis in the neurological intensive care unit: a mini review for current development. <i>Neurological Research</i> , 2019 , 41, 691-696	2.7	2
22	Abstract TMP8: High Flow Normobaric Oxygen (NBO) Therapy Provides Effective Neuroprotection After Endovascular Recanalization in Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50,	6.7	2
21	Clinical application of nitric oxide in ischemia and reperfusion injury: A literature review. <i>Brain Circulation</i> , 2020 , 6, 248-253	2.7	2
20	Apolipoprotein E polymorphism carriers exhibit objective cognitive deficits: a single center trial. <i>Neurological Research</i> , 2020 , 42, 676-682	2.7	2
19	Phenothiazine Inhibits Neuroinflammation and Inflammasome Activation Independent of Hypothermia After Ischemic Stroke. <i>Molecular Neurobiology</i> , 2021 , 58, 6136-6152	6.2	2
18	Forkhead Box 1(FoxO1) mediates psychological stress-induced neuroinflammation.. <i>Neurological Research</i> , 2022 , 1-13	2.7	1

17	Remote Ischemic Conditioning With Exercise (RICE)-Rehabilitative Strategy in Patients With Acute Ischemic Stroke: Rationale, Design, and Protocol for a Randomized Controlled Study. <i>Frontiers in Neurology</i> , 2021 , 12, 654669	4.1	1
16	NIHSS Consciousness Score Combined with ASPECTS is a Favorable Predictor of Functional Outcome post Endovascular Recanalization in Stroke Patients 2021 , 12, 415-424		1
15	Neuroprotective Effects of Early Hypothermia Induced by Phenothiazines and DHC in Ischemic Stroke. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 1207092	2.3	1
14	Neuroprotective Effects of Exercise Postconditioning After Stroke SIRT1-Mediated Suppression of Endoplasmic Reticulum (ER) Stress. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 598230	6.1	1
13	Factors influencing the outcome of cardiogenic cerebral embolism: a literature review. <i>Neurological Research</i> , 2021 , 1-9	2.7	1
12	Acute Anterior Choroidal Artery Territory Infarction: A Retrospective Study. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 195, 105826	2	0
11	Combined Approach to Eptifibatid and Thrombectomy in Acute Ischemic Stroke Because of Large Vessel Occlusion: A Matched-Control Analysis.. <i>Stroke</i> , 2022 , STROKEAHA121036754	6.7	0
10	Normobaric Oxygen (NBO) Therapy Reduces Cerebral Ischemia/Reperfusion Injury through Inhibition of Early Autophagy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 7041290	2.3	0
9	Neuroplastic Effect of Exercise Through Astrocytes Activation and Cellular Crosstalk 2021 , 12, 1644-1657		0
8	Enhanced Cerebral Microbleeds by Long-Term Air Pollution Exposure in Spontaneously Hypertensive Rats. <i>Neurological Research</i> , 2021 , 1-10	2.7	0
7	White Matter Hyperintensities (WMH) and clinical outcome after vestibular neuritis.. <i>Neurological Research</i> , 2022 , 1-8	2.7	
6	Current AQP research: therapeutic approaches to ischemic and hemorrhagic stroke. <i>Neural Regeneration Research</i> , 2016 , 11, 1918-1919	4.5	
5	Rapid Intervention of Chlorpromazine and Promethazine for Hibernation-Like Effect in Stroke: Rationale, Design, and Protocol for a Prospective Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2021 , 12, 621476	4.1	
4	Rapid Intravenous Glyceryl Trinitrate in Ischemic Damage (RIGID) After Stroke: Rationale, Design and Protocol for a Prospective Randomized Controlled Trial. <i>Frontiers in Neurology</i> , 2021 , 12, 693330	4.1	
3	Extracranial Carotid Plaque Hemorrhage Is Independently Associated With Poor 3-month Functional Outcome After Acute Ischemic Stroke-A Prospective Cohort Study.. <i>Frontiers in Neurology</i> , 2021 , 12, 780436	4.1	
2	Passing Extracranial Artery Occlusion by Intermediate Catheter With Expanding Microballoon (PEACE): A Novel Endovascular Therapy in Acute Tandem Occlusion Stroke.. <i>Journal of Endovascular Therapy</i> , 2021 , 15266028211064818	2.5	
1	Role of Forkhead Box Protein O1 (FoxO1) in Stroke: A Literature Review. 2022 , 13, 521-533		