## The complexity of neurobiological processes in acute is

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Citation Report

#	Article	IF	CITATION
1	Neurodegenerative disorders and nanoformulated drug development. Nanomedicine, 2009, 4, 541-555.	1.7	61
2	In Silico Study of the Influence of Intensity and Duration of Blood Flow Reduction on Cell Death Through Necrosis or Apoptosis During Acute Ischemic Stroke. Acta Biotheoretica, 2010, 58, 171-190.	0.7	7
3	The Role of Tryptophan Catabolism along the Kynurenine Pathway in Acute Ischemic Stroke. Neurochemical Research, 2010, 35, 1315-1322.	1.6	85
4	A novel quantification of blood–brain barrier damage and histochemical typing after embolic stroke in rats. Brain Research, 2010, 1359, 186-200.	1.1	59
5	A novel method for inducing focal ischemia in vitro. Journal of Neuroscience Methods, 2010, 190, 20-27.	1.3	26
6	Decrease in uric acid in acute ischemic stroke correlates with stroke severity, evolution and outcome. Clinical Chemistry and Laboratory Medicine, 2010, 48, 383-390.	1.4	57
7	Neurobiochemical Markers of Brain Damage in Cerebrospinal Fluid of Acute Ischemic Stroke Patients. Clinical Chemistry, 2010, 56, 451-458.	1.5	93
8	Stroke Biomarkers: Progress and Challenges for Diagnosis, Prognosis, Differentiation, and Treatment. Clinical Chemistry, 2010, 56, 21-33.	1.5	203
9	Excitatory amino acids and monoaminergic neurotransmitters in cerebrospinal fluid of acute ischemic stroke patients. Neurochemistry International, 2010, 56, 865-870.	1.9	21
10	Age and meloxicam attenuate the ischemia/reperfusion-induced down-regulation in the NMDA receptor genes. Neurochemistry International, 2010, 56, 878-885.	1.9	18
11	The role of the vagus nerve in stroke. Autonomic Neuroscience: Basic and Clinical, 2010, 158, 8-12.	1.4	41
12	Lentiform Fork sign: A unique MRI picture. Is metabolic acidosis responsible?. Clinical Neurology and Neurosurgery, 2010, 112, 805-812.	0.6	62
13	LDL and HDL subclasses in acute ischemic stroke: Prediction of risk and short-term mortality. Atherosclerosis, 2010, 210, 548-554.	0.4	108
14	Biochemical Markers for Blood-Brain Barrier Dysfunction in Acute Ischemic Stroke Correlate with Evolution and Outcome. European Neurology, 2011, 65, 23-31.	0.6	89
15	A3 Adenosine Receptor Agonist Reduces Brain Ischemic Injury and Inhibits Inflammatory Cell Migration in Rats. American Journal of Pathology, 2011, 179, 2042-2052.	1.9	72
16	CNS Peroxiredoxins and Their Regulation in Health and Disease. Antioxidants and Redox Signaling, 2011, 14, 1467-1477.	2.5	63
17	Acupuncture stimulation causes bilaterally different microcirculatory effects in stroke patients. Microvascular Research, 2011, 81, 289-294.	1.1	27
18	Decompression illness. Lancet, The, 2011, 377, 153-164.	6.3	392

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ARTICLE IF CITATIONS # Using a blood pressure harmonic variability index to monitor the cerebral blood flow condition in 19 1.2 12 stroke patients. Biorheology, 2011, 48, 219-228. Inflammatory Mechanisms in Ischemic Cerebrovascular Disease., 2011, , 293-324. Experimental and Clinical Use of Therapeutic Hypothermia for Ischemic Stroke: Opportunities and 21 0.5 15 Limitations. Stroke Research and Treatment, 2011, 2011, 1-9. Oxidative Toxicity in Neurodegenerative Diseases: Role of Mitochondrial Dysfunction and Therapeutic Strategies. Journal of Toxicology, 2011, 2011, 1-12. Activation of Nrf2-Regulated Glutathione Pathway Genes by Ischemic Preconditioning. Oxidative 23 1.9 65 Medicine and Cellular Longevity, 2011, 2011, 1-7. Matrix metalloproteinases as drug targets in ischemia/reperfusion injury. Drug Discovery Today, 2011, 3.2 16, 762-78. Disturbance of perineuronal nets in the perilesional area after photothrombosis is not associated 25 2.0 44 with neuronal death. Experimental Neurology, 2011, 231, 113-126. Neuroprotective mechanisms of cerium oxide nanoparticles in a mouse hippocampal brain slice model 1.3 26 of ischemia. Free Radical Biology and Medicine, 2011, 51, 1155-1163. Real-time monitoring of spatial and temporal metabolic changes during focal cerebral ischemia in 27 1.1 5 rats. Brain Research, 2011, 1389, 125-132. Cerium Oxide Nanoparticles for the Treatment of Neurological Oxidative Stress Diseases. ACS Symposium Series, 2011, , 255-288. Preclinical Evaluation of Postischemic Dehydroascorbic Acid Administration in a Large-Animal Stroke 29 2.311 Model. Translational Stroke Research, 2011, 2, 399-403. The relationship between indoleamine 2,3-dioxygenase activity and post-stroke cognitive impairment. 79 3.1 Journal of Neuroinflammation, 2011, 8, 17. Protective Effects of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Against Apoptosis.  $\mathbf{31}$ 0.9 83 Current Pharmaceutical Design, 2011, 17, 204-214. Ameliorative Effects of GW1929, a Nonthiazolidinedione PPARγ Agonist,on Inflammation and Apoptosis in Focal Cerebral Ischemic-Reperfusion Injury. Current Neurovascular Research, 2011, 8, 0.4 236-245. Analysis of Protein Targets by Oxidative Stress Using the OxyBlot and Biotin–Avidin-Capture 33 0.2 6 Methodology. Neuromethods, 2011, , 365-381. Mechanisms of Estrogens' Dose-Dependent Neuroprotective and Neurodamaging Effects in Experimental Models of Cerebral Ischemia. International Journal of Molecular Sciences, 2011, 12, 1.8 68 1533-1562. Lithium and its Neuroprotective and Neurotrophic Effects: Potential Treatment for Post-Ischemic 35 1.0 37 Stroke Sequelae. Current Drug Targets, 2011, 12, 243-255. Malathion/Oxon and Lead Acetate Increase Gene Expression and Protein Levels of Transient Receptor Potential Canonical Channel Subunits TRPC1 and TRPC4 in Rat Endothelial Cells of the Blood–Brain Barrier. International Journal of Toxicology, 2012, 31, 238-249.

#	Article	IF	CITATIONS
37	Motor Deficits Are Triggered by Reperfusion-Reoxygenation Injury as Diagnosed by MRI and by a Mechanism Involving Oxidants. Journal of Neuroscience, 2012, 32, 5500-5509.	1.7	29
38	Ischemic stroke. Nurse Practitioner, 2012, 37, 12-18.	0.2	2
39	Biomedical Applications of Metal Oxide Nanoparticles. , 2012, , 57-100.		38
40	Suppression of local inflammation contributes to the neuroprotective effect of ginsenoside Rb1 in rats with cerebral ischemia. Neuroscience, 2012, 202, 342-351.	1.1	133
41	Aβ42 production in brain capillary endothelial cells after oxygen and glucose deprivation. Molecular and Cellular Neurosciences, 2012, 49, 415-422.	1.0	59
42	Autonomic reactions and peri-interventional alterations in body weight as potential supplementary outcome parameters for thromboembolic stroke in rats. Experimental & Translational Stroke Medicine, 2012, 4, 7.	3.2	2
43	Suppressing inflammation by inhibiting the NFâ€̂₽B pathway contributes to the neuroprotective effect of angiotensinâ€(1â€7) in rats with permanent cerebral ischaemia. British Journal of Pharmacology, 2012, 167, 1520-1532.	2.7	125
44	Calcium Signaling at the Blood–Brain Barrier in Stroke. , 2012, , 129-163.		2
45	Interrelation between inflammation, thrombosis, and neuroprotection in cerebral ischemia. Reviews in the Neurosciences, 2012, 23, 269-78.	1.4	25
46	Antioxidants and Stroke: Success and Pitfalls. , 2012, , 117-143.		2
47	α-Aryl- <i>N</i> -alkyl Nitrones, as Potential Agents for Stroke Treatment: Synthesis, Theoretical Calculations, Antioxidant, Anti-inflammatory, Neuroprotective, and Brain–Blood Barrier Permeability Properties. Journal of Medicinal Chemistry, 2012, 55, 153-168.	2.9	59
49	No Influence of Dabigatran Anticoagulation on Hemorrhagic Transformation in an Experimental Model of Ischemic Stroke. PLoS ONE, 2012, 7, e40804.	1.1	33
50	Over-Expression of DSCR1 Protects against Post-Ischemic Neuronal Injury. PLoS ONE, 2012, 7, e47841.	1.1	10
51	Magnetic Resonance Imaging of Blood Brain/Nerve Barrier Dysfunction and Leukocyte Infiltration: Closely Related or Discordant?. Frontiers in Neurology, 2012, 3, 178.	1.1	20
52	Stroke angiogenesis and phytochemicals. Frontiers in Bioscience - Scholar, 2012, S4, 599-610.	0.8	28
53	Spatio-temporal course of macrophage-like cell accumulation after experimental embolic stroke depending on treatment with tissue plasminogen activator and its combination with hyperbaric oxygenation. European Journal of Histochemistry, 2012, 56, 14.	0.6	10
54	Temporal and regional changes of superoxide dismutase and glutathione peroxidase activities in rats exposed to focal cerebral ischemia. Cell Biochemistry and Function, 2012, 30, 597-603.	1.4	8
55	Pro-angiogenic Properties of the Neural Stem/Progenitor Cells. , 2012, , 241-248.		0

#	Article	IF	CITATIONS
56	The role of glutamate in neuronal ischemic injury: the role of spark in fire. Neurological Sciences, 2012, 33, 223-237.	0.9	171
57	Ameliorative effects of Diammonium Glycyrrhizinate on inflammation in focal cerebral ischemic-reperfusion injury. Brain Research, 2012, 1447, 20-27.	1.1	30
58	Progressive Lacunar Stroke: Review of Mechanisms, Prognostic Features, and Putative Treatments. International Journal of Stroke, 2012, 7, 321-329.	2.9	113
59	Impedance measurement for real time detection of neuronal cell death. Journal of Neuroscience Methods, 2012, 203, 69-77.	1.3	88
60	Cerebral blood flow response to neural activation after acute ischemic stroke: a failure of myogenic regulation?. Journal of Neurology, 2013, 260, 2588-2595.	1.8	38
61	A systematic review of cerebral hemodynamic responses to neural activation following stroke. Journal of Neurology, 2013, 260, 2715-2721.	1.8	28
62	Neuroprotective effect of bicyclol in rat ischemic stroke: Down-regulates TLR4, TLR9, TRAF6, NF-κB, MMP-9 and up-regulates claudin-5 expression. Brain Research, 2013, 1528, 80-88.	1.1	45
63	Nanoparticles accumulate in ischemic core and penumbra region even when cerebral perfusion is reduced. Biochemical and Biophysical Research Communications, 2013, 430, 1201-1205.	1.0	30
64	Pathogenesis of acute stroke and the role of inflammasomes. Ageing Research Reviews, 2013, 12, 941-966.	5.0	275
65	Incremental treatments with laser therapy augments good behavioral outcome in the rabbit small clot embolic stroke model. Lasers in Medical Science, 2013, 28, 1085-1089.	1.0	10
66	Understanding upper limb recovery after stroke. Restorative Neurology and Neuroscience, 2013, 31, 707-722.	0.4	170
67	Expression analysis of genes involved in TLR2-related signaling pathway: Inflammation and apoptosis after ischemic brain injury. Neuroscience, 2013, 238, 87-96.	1.1	22
68	Stroke-induced opposite and age-dependent changes of vessel-associated markers in co-morbid transgenic mice with Alzheimer-like alterations. Experimental Neurology, 2013, 250, 270-281.	2.0	36
69	Progress on the protective effect of compounds from natural medicines on cerebral ischemia. Chinese Journal of Natural Medicines, 2013, 11, 588-595.	0.7	15
70	Mindin is a critical mediator of ischemic brain injury in an experimental stroke model. Experimental Neurology, 2013, 247, 506-516.	2.0	28
71	Advances in microfluidics-based experimental methods for neuroscience research. Lab on A Chip, 2013, 13, 509.	3.1	72
72	Therapeutic potential of treatment with the flavonoid rutin after cortical focal ischemia in rats. Brain Research, 2013, 1503, 53-61.	1.1	27
73		2.1	36

#	Article	IF	CITATIONS
74	Differential anti-ischemic efficacy and therapeutic time window of trans- and cis-hinokiresinols: Stereo-specific antioxidant and anti-inflammatory activities. Neuropharmacology, 2013, 67, 465-475.	2.0	7
75	A place for ultrastructural analysis of platelets in cerebral ischemic research. Microscopy Research and Technique, 2013, 76, 795-802.	1.2	9
76	EEG in ischaemic stroke: Quantitative EEG can uniquely inform (sub-)acute prognoses and clinical management. Clinical Neurophysiology, 2013, 124, 10-19.	0.7	219
77	Nogo-A couples with Apg-1 through interaction and co-ordinate expression under hypoxic and oxidative stress. Biochemical Journal, 2013, 455, 217-227.	1.7	11
78	Transcranial application of nearâ€infrared lowâ€ievel laser can modulate cortical excitability. Lasers in Surgery and Medicine, 2013, 45, 648-653.	1.1	56
79	Diving under a Microscope—A New Simple and Versatile In Vitro Diving Device for Fluorescence and Confocal Microscopy Allowing the Controls of Hydrostatic Pressure, Gas Pressures, and Kinetics of Gas Saturation. Microscopy and Microanalysis, 2013, 19, 608-616.	0.2	5
80	A cocaine-regulated and amphetamine-regulated transcript inhibits oxidative stress in neurons deprived of oxygen and glucose. NeuroReport, 2013, 24, 698-703.	0.6	6
81	White Matter Injury Due to Experimental Chronic Cerebral Hypoperfusion Is Associated with C5 Deposition. PLoS ONE, 2013, 8, e84802.	1.1	23
82	Vagus Nerve Stimulation Attenuates Cerebral Ischemia and Reperfusion Injury via Endogenous Cholinergic Pathway in Rat. PLoS ONE, 2014, 9, e102342.	1.1	90
83	Effect of antioxidants on functional recovery after in vitro-induced ischemia and long-term potentiation recorded in the pyramidal layer of the CA1 area of rat hippocampus. General Physiology and Biophysics, 2014, 33, 43-52.	0.4	7
84	Protein markers of cerebrovascular disruption of neurovascular unit: immunohistochemical and imaging approaches. Reviews in the Neurosciences, 2014, 25, 481-507.	1.4	27
85	Pathophysiology and Biomarkers in Acute Ischemic Stroke – A Review. Tropical Journal of Pharmaceutical Research, 2014, 12, 1097.	0.2	19
86	Cerebroprotective action of angiotensin peptides in stroke. Clinical Science, 2014, 126, 195-205.	1.8	48
87	Inductive and Deductive Approaches to Acute Cell Injury. International Scholarly Research Notices, 2014, 2014, 1-15.	0.9	1
88	Attenuation of urokinase activity during experimental ischaemia protects the cerebral barrier from damage through regulation of matrix metalloproteinaseâ€2 and <scp>NAD</scp> (P)H oxidase. European Journal of Neuroscience, 2014, 39, 2119-2128.	1.2	14
89	Interferon regulatory factor 8 protects against cerebral ischaemicâ€reperfusion injury. Journal of Neurochemistry, 2014, 129, 988-1001.	2.1	33
90	Potential serum biomarkers in the pathophysiological processes of stroke. Expert Review of Neurotherapeutics, 2014, 14, 173-185.	1.4	41
91	Pin1, a new player in the fate of HIF-1α degradation: an hypothetical mechanism inside vascular damage as Alzheimer's disease risk factor. Frontiers in Cellular Neuroscience, 2014, 8, 1.	1.8	242

#	Article	IF	CITATIONS
92	Prehospital Stroke Care: Limitations of Current Interventions and Focus on New Developments. Cerebrovascular Diseases, 2014, 38, 1-9.	0.8	42
93	Alda-1 reduces cerebral ischemia/reperfusion injury in rat through clearance of reactive aldehydes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 87-94.	1.4	63
94	Effect of Pulsed Electromagnetic Field (PEMF) on Infarct Size and Inflammation After Cerebral Ischemia in Mice. Translational Stroke Research, 2014, 5, 491-500.	2.3	73
95	Correlation between Serum Levels of Small, Dense Low-Density Lipoprotein Cholesterol and Carotid Stenosis in Cerebral Infarction Patients >65ÂYears of Age. Annals of Vascular Surgery, 2014, 28, 375-380.	0.4	19
96	Serum indoleamine 2,3-dioxygenase and kynurenine aminotransferase enzyme activity in patients with ischemic stroke. Journal of Clinical Neuroscience, 2014, 21, 482-486.	0.8	32
97	Vascular Mechanisms in CNS Trauma. , 2014, , .		4
98	Magnetic resonance imaging of post-ischemic blood–brain barrier damage with PEGylated iron oxide nanoparticles. Nanoscale, 2014, 6, 15161-15167.	2.8	36
99	Cocaine- and amphetamine-regulated transcript peptide increases mitochondrial respiratory chain complex II activity and protects against oxygen–glucose deprivation in neurons. Brain Research, 2014, 1582, 107-113.	1.1	12
100	1,8-Cineole ameliorates oxygen-glucose deprivation/reoxygenation-induced ischaemic injury by reducing oxidative stress in rat cortical neuron/glia. Journal of Pharmacy and Pharmacology, 2014, 66, 1818-1826.	1.2	25
101	Tissue-engineered microenvironment systems for modeling human vasculature. Experimental Biology and Medicine, 2014, 239, 1264-1271.	1.1	96
102	(RS)-glucoraphanin purified from Tuscan black kale and bioactivated with myrosinase enzyme protects against cerebral ischemia/reperfusion injury in rats. Fìtoterapìâ, 2014, 99, 166-177.	1.1	14
103	Ribosomal S6 kinase regulates ischemia-induced progenitor cell proliferation in the adult mouse hippocampus. Experimental Neurology, 2014, 253, 72-81.	2.0	10
104	Apolipoprotein D takes center stage in the stress response of the aging and degenerative brain. Neurobiology of Aging, 2014, 35, 1632-1642.	1.5	115
105	Neuroprotective effects of scutellarin and scutellarein on repeatedly cerebral ischemia–reperfusion in rats. Pharmacology Biochemistry and Behavior, 2014, 118, 51-59.	1.3	68
106	An optimized HPLC/MS/MS method for quantification of excitatory amino acids in rat hippocampus and its application in brain ischemia/reperfusion research. Biomedical Chromatography, 2014, 28, 1822-1827.	0.8	4
107	Continuous and Simultaneous Electrochemical Measurements of Clucose, Lactate, and Ascorbate in Rat Brain Following Brain Ischemia. Analytical Chemistry, 2014, 86, 3895-3901.	3.2	97
108	Cannabinoids: New Promising Agents in the Treatment of Neurological Diseases. Molecules, 2014, 19, 18781-18816.	1.7	62
109	Ameliorative effects of Gualou Guizhi decoction on inflammation in focal cerebral ischemic-reperfusion injury. Molecular Medicine Reports, 2015, 12, 988-994.	1.1	14

ARTICLE IF CITATIONS # Tollip is a critical mediator of cerebral ischaemia–reperfusion injury. Journal of Pathology, 2015, 237, 110 2.1 25 249-262. The Role of the Neuroprotective Factor Npas4 in Cerebral Ischemia. International Journal of 1.8 34 Molecular Sciences, 2015, 16, 29011-29028. The Ischemic Environment Drives Microglia and Macrophage Function. Frontiers in Neurology, 2015, 6, 112 1.1 217 81. Amelioration of Cerebral Ischemic Injury by a Synthetic Seco-nucleoside LMT497. Experimental Neurobiology, 2015, 24, 31-40. Comparative Metabolomic Analysis of the Neuroprotective Effects of Scutellarin and Scutellarein 114 1.1 17 against Ischemic Insult. PLoS ONE, 2015, 10, e0131569. Neuroprotective Effect of Sodium Butyrate against Cerebral Ischemia/Reperfusion Injury in Mice. BioMed Research International, 2015, 2015, 1-8. Studies on the Protective Effects of Scutellarein against Neuronal Injury by Ischemia through the 116 Analysis of Endogenous Amino Acids and Ca2+Concentration Together with Ca2+-ATPase Activity. 0.9 3 Journal of Chemistry, 2015, 2015, 1-7. Immune Responses in Neurodegenerative Diseases. Kathmandu University Medical Journal, 2015, 12, 0.1 67-76. Combination effect of memantine and mesenchymal stem cells on the recovery of brain damage in a rat 118 0.8 1 model of brain ischemia. Animal Cells and Systems, 2015, 19, 110-118. <scp>GFAP</scp> and antibodies against <scp>NMDA</scp> receptor subunit <scp>NR</scp>2 as biomarkers for acute cerebrovascular diseases. Journal of Cellular and Molecular Medicine, 2015, 19, 1.6 2253-2261. Role of the Kynurenine Pathway in Stroke., 2015, , 215-232. 120 1 Neuroprotection by Dietary Isoflavones and Their Role in Cerebral Ischemia., 2015, , 385-394. Nanotheragnostic Applications for Ischemic and Hemorrhagic Strokes: Improved Delivery for a Better 122 2.0 17 Prognosis. Current Neurology and Neuroscience Reports, 2015, 15, 505. Effects of cerebral ischemia on human neurovascular coupling, CO<sub>2</sub> reactivity, and dynamic cerebral autoregulation. Journal of Applied Physiology, 2015, 118, 170-177. 1.2 Neuroprotective Activity of Creatylglycine Ethyl Ester Fumarate. Journal of Stroke and 124 0.7 6 Cerebrovascular Diseases, 2015, 24, 591-600. Prolyl Carboxypeptidase Activity Decline Correlates with Severity and Short-Term Outcome in Acute Ischemic Stroke. Neurochemical Research, 2015, 40, 81-88. Cerebrovascular Interactions in Cerebral Disorders (Stroke, Transient Ischaemic Attacks,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td (I 126

CITATION REPORT

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#	Article	IF	CITATIONS
128	Effects of the Combination of the Main Active Components of <i>Astragalus</i> and <i>Panax notoginseng</i> on Inflammation and Apoptosis of Nerve Cell after Cerebral Ischemia-Reperfusion. The American Journal of Chinese Medicine, 2015, 43, 1419-1438.	1.5	56
129	Generalizability of the Proportional Recovery Model for the Upper Extremity After an Ischemic Stroke. Neurorehabilitation and Neural Repair, 2015, 29, 614-622.	1.4	250
130	Beneficial effect of magnesium lithospermate B on cerebral ischemia–reperfusion injury in rats involves the regulation of miR-107/glutamate transporter 1 pathway. European Journal of Pharmacology, 2015, 766, 91-98.	1.7	36
131	Vascular dysfunction in the pathogenesis of Alzheimer's disease — A review of endothelium-mediated mechanisms and ensuing vicious circles. Neurobiology of Disease, 2015, 82, 593-606.	2.1	219
132	Cerebroprotective effects of RAS inhibitors: Beyond their cardio-renal actions. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 459-468.	1.0	29
133	Paeoniflorin, a Monoterpene Glycoside, Protects the Brain from Cerebral Ischemic Injury via Inhibition of Apoptosis. The American Journal of Chinese Medicine, 2015, 43, 543-557.	1.5	36
134	In Vivo Inhibition of miR-155 Promotes Recovery after Experimental Mouse Stroke. Journal of Neuroscience, 2015, 35, 12446-12464.	1.7	153
136	Understanding history, and not repeating it. Neuroprotection for acute ischemic stroke: From review to preview. Clinical Neurology and Neurosurgery, 2015, 129, 1-9.	0.6	86
137	Guanosine Protects Against Cortical Focal Ischemia. Involvement of Inflammatory Response. Molecular Neurobiology, 2015, 52, 1791-1803.	1.9	49
138	Neuroprotective Effect of Humic Acid on Focal Cerebral Ischemia Injury: an Experimental Study in Rats. Inflammation, 2015, 38, 32-39.	1.7	34
139	Neuroprotective Effects of Pregabalin on Cerebral Ischemia and Reperfusion. Balkan Medical Journal, 2016, 33, 221-227.	0.3	23
140	Commentary (Research Highlights: Targeted Inhibition of miR-155 Promotes Post-Stroke) Tj ETQq1 1 0.784314 n 15, 372-374.	gBT /Overl 0.8	ock 10 Tf 50 2
141	Neuroprotective Effects of Bone Marrow Mesenchymal Stem Cells on Bilateral Common Carotid Arteries Occlusion Model of Cerebral Ischemia in Rat. Behavioural Neurology, 2016, 2016, 1-10.	1.1	23
142	Necrostatin-1 Attenuates Inflammatory Response and Improves Cognitive Function in Chronic Ischemic Stroke Mice. Medicines (Basel, Switzerland), 2016, 3, 16.	0.7	29
143	The Impact of Cortical Lesions on Thalamo-Cortical Network Dynamics after Acute Ischaemic Stroke: A Combined Experimental and Theoretical Study. PLoS Computational Biology, 2016, 12, e1005048.	1.5	26
144	The Coagulation Factor XIIa Inhibitor rHA-Infestin-4 Improves Outcome after Cerebral Ischemia/Reperfusion Injury in Rats. PLoS ONE, 2016, 11, e0146783.	1.1	32
145	In Vitro Neuroprotective and Anti-Inflammatory Activities of Natural and Semi-Synthetic Spirosteroid Analogues. Molecules, 2016, 21, 992.	1.7	7
146	Updates in Mechanical Thrombectomy. , 2016, , .		0

#	Article	IF	CITATIONS
147	Current status of biomarker research in neurology. EPMA Journal, 2016, 7, 14.	3.3	36
148	Neuroprotective effects of lycopene pretreatment on transient global cerebral ischemia-reperfusion in rats: The role of the Nrf2/HO-1 signaling pathway. Molecular Medicine Reports, 2016, 13, 412-418.	1.1	55
149	Phytochemicals in Ischemic Stroke. NeuroMolecular Medicine, 2016, 18, 283-305.	1.8	40
150	Neurovascular coupling in humans: Physiology, methodological advances and clinical implications. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 647-664.	2.4	302
151	Fingolimod (FTY720) improves hippocampal synaptic plasticity and memory deficit in rats following focal cerebral ischemia. Brain Research Bulletin, 2016, 124, 95-102.	1.4	65
152	The role of Akt (protein kinase B) and protein kinase C in ischemia–reperfusion injury. Neurological Research, 2016, 38, 301-308.	0.6	44
153	Resolving Thromboinflammation in the Brain After Ischemic Stroke?. Circulation, 2016, 133, 2128-2131.	1.6	16
154	The antioxidant and antiapoptotic effects of crocin pretreatment on global cerebral ischemia reperfusion injury induced by four vessels occlusion in rats. Life Sciences, 2016, 154, 79-86.	2.0	38
155	Guanosine prevents nitroxidative stress and recovers mitochondrial membrane potential disruption in hippocampal slices subjected to oxygen/glucose deprivation. Purinergic Signalling, 2016, 12, 707-718.	1.1	27
156	In vivo inhibition of miR-155 significantly alters post-stroke inflammatory response. Journal of Neuroinflammation, 2016, 13, 287.	3.1	83
157	Pannexin 1 Differentially Affects Neural Precursor Cell Maintenance in the Ventricular Zone and Peri-Infarct Cortex. Journal of Neuroscience, 2016, 36, 1203-1210.	1.7	40
158	Stroke injury, cognitive impairment and vascular dementia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 915-925.	1.8	346
159	Is Mean Platelet Volume a Reliable Marker to Predict Ischemic Stroke in the Follow-Up of Patients with Carotid Stenosis?. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 404-409.	0.7	18
160	Prominence of Medullary Veins on Susceptibility-Weighted Images Provides Prognostic Information in Patients with Subacute Stroke. American Journal of Neuroradiology, 2016, 37, 423-429.	1.2	41
161	Reduction of the neuroprotective transcription factor Npas4 results in increased neuronal necrosis, inflammation and brain lesion size following ischaemia. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1449-1463.	2.4	33
162	Evolution of Volume and Signal Intensity on Fluid-attenuated Inversion Recovery MR Images after Endovascular Stroke Therapy. Radiology, 2016, 280, 184-192.	3.6	32
163	Curcumin by down-regulating NF-kB and elevating Nrf2, reduces brain edema and neurological dysfunction after cerebral I/R. Microvascular Research, 2016, 106, 117-127.	1.1	126
164	Serum Phenylalanine, Tyrosine, and their Ratio in Acute Ischemic Stroke: on the Trail of a Biomarker?. Journal of Molecular Neuroscience, 2016, 58, 102-108.	1.1	23

#	Article	IF	CITATIONS
165	Increases in intracellular calcium perturb blood–brain barrier via protein kinase C-alpha and apoptosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 56-71.	1.8	33
166	Inhibition of Peripheral TNF-α and Downregulation of Microglial Activation by Alpha-Lipoic Acid and Etanercept Protect Rat Brain Against Ischemic Stroke. Molecular Neurobiology, 2016, 53, 4961-4971.	1.9	44
167	Thrombomodulin and High-Sensitive C-Reactive Protein Levels in Blood Correlate with the Development of Cerebral Infarction Among Asians. Molecular Neurobiology, 2016, 53, 2659-2667.	1.9	3
168	Rosmarinic acid prevents against memory deficits in ischemic mice. Behavioural Brain Research, 2016, 297, 91-103.	1.2	65
169	Polarization of microglia and its role in bacterial sepsis. Journal of Neuroimmunology, 2017, 303, 90-98.	1.1	43
170	Dual anti-ischemic effects of rosmarinic acid n-butyl ester via alleviation of DAPK-p53-mediated neuronal damage and microglial inflammation. Acta Pharmacologica Sinica, 2017, 38, 459-468.	2.8	16
171	Protective roles of nanomelatonin in cerebral ischemia-reperfusion of aged brain: Matrixmetalloproteinases as regulators. Experimental Gerontology, 2017, 92, 13-22.	1.2	25
172	Genistein inhibits hypoxia, ischemic-induced death, and apoptosis in PC12 cells. Environmental Toxicology and Pharmacology, 2017, 50, 227-233.	2.0	17
173	Erythropoietin: Endogenous Protection of Ischemic Brain. Vitamins and Hormones, 2017, 105, 197-232.	0.7	19
174	TDAG8 activation attenuates cerebral ischaemia-reperfusion injury via Akt signalling in rats. Experimental Neurology, 2017, 293, 115-123.	2.0	16
175	Mulberry branch bark powder significantly improves hyperglycemia and regulates insulin secretion in type II diabetic mice. Food and Nutrition Research, 2017, 61, 1368847.	1.2	18
176	Neuroprotective effect of total flavonoids from Ilex pubescens against focal cerebral ischemia/reperfusion injury in rats. Molecular Medicine Reports, 2017, 16, 7439-7449.	1.1	22
177	Improving Neurorepair in Stroke Brain Through Endogenous Neurogenesis-Enhancing Drugs. Cell Transplantation, 2017, 26, 1596-1600.	1.2	27
178	9-cis retinoic acid induces neurorepair in stroke brain. Scientific Reports, 2017, 7, 4512.	1.6	14
179	Importance and Difficulties of Pursuing rTMS Research in Acute Stroke. Physical Therapy, 2017, 97, 310-319.	1.1	8
180	Neurological impressions on the organization of language networks in the human brain. Brain Injury, 2017, 31, 140-150.	0.6	12
181	ConBr, A Lectin Purified from the Seeds of Canavalia brasiliensis, Protects Against Ischemia in Organotypic Culture of Rat Hippocampus: Potential Implication of Voltage-Gated Calcium Channels. Neurochemical Research, 2017, 42, 347-359.	1.6	3
182	Research review on the pharmacological effects of astragaloside <scp>IV</scp> . Fundamental and Clinical Pharmacology, 2017, 31, 17-36.	1.0	258

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#	Article	IF	CITATIONS
183	Intravenous Versus Intraarterial Transplantation of Human Umbilical Cord Blood Mononuclear Cells for Brain Ischemia in Rats. HAYATI Journal of Biosciences, 2017, 24, 187-194.	0.1	4
184	Prospective of ischemic stroke biomarkers. Current Issues in Pharmacy and Medical Sciences, 2017, 30, 69-74.	0.1	1
185	Lack of the Nlrp3 Inflammasome Improves Mice Recovery Following Traumatic Brain Injury. Frontiers in Pharmacology, 2017, 8, 459.	1.6	89
186	Mechanisms of Acupuncture Therapy in Ischemic Stroke Rehabilitation: A Literature Review of Basic Studies. International Journal of Molecular Sciences, 2017, 18, 2270.	1.8	175
187	Impact of dexmedetomidine on amino acid contents and the cerebral ultrastructure of rats with cerebral ischemia-reperfusion injury. Acta Cirurgica Brasileira, 2017, 32, 459-466.	0.3	16
188	Specific Combination of Salvianolic Acids As Core Active Ingredients of Danhong Injection for Treatment of Arterial Thrombosis and Its Derived Dry Gangrene. Frontiers in Pharmacology, 2017, 8, 361.	1.6	36
189	Oxygen and Glucose Deprivation Induces Bergmann Glia Membrane Depolarization and Ca2+ Rises Mainly Mediated by K+ and ATP Increases in the Extracellular Space. Frontiers in Cellular Neuroscience, 2017, 11, 349.	1.8	7
190	MODULATION OF KEY BIOCHEMICAL MARKERS RELEVANT TO STROKE BY ANTIARIS AFRICANA LEAF EXTRACT FOLLOWING CEREBRAL ISCHEMIA/REPERFUSION INJURY. Tropical Journal of Obstetrics and Gynaecology, 2017, 14, 253-264.	0.3	9
191	Drug treatments that optimize endogenous neurogenesis as a therapeutic option for stroke. Brain Circulation, 2017, 3, 152.	0.7	2
192	Protective effects of geniposide and ginsenoside Rg1 combination treatment on rats following cerebral ischemia are mediated via microglial microRNA‑155‑5p inhibition. Molecular Medicine Reports, 2018, 17, 3186-3193.	1.1	22
193	Redox tuning of Ca 2+ signaling in microglia drives glutamate release during hypoxia. Free Radical Biology and Medicine, 2018, 118, 137-149.	1.3	24
194	Blood biomarkers in ischemic stroke: potential role and challenges in clinical practice and research. Critical Reviews in Clinical Laboratory Sciences, 2018, 55, 294-328.	2.7	85
195	Human Ischaemic Cascade Studies Using SH-SY5Y Cells: a Systematic Review and Meta-Analysis. Translational Stroke Research, 2018, 9, 564-574.	2.3	33
196	Verification of a proteomic biomarker panel to diagnose minor stroke and transient ischaemic attack: phase 1 of SpecTRA, a large scale translational study. Biomarkers, 2018, 23, 392-405.	0.9	21
197	Cell-free DNA as a biomarker in stroke: Current status, problems and perspectives. Critical Reviews in Clinical Laboratory Sciences, 2018, 55, 55-70.	2.7	21
198	Determination of the Target Temperature Required to Block Increases in Extracellular Glutamate Levels During Intraischemic Hypothermia. Therapeutic Hypothermia and Temperature Management, 2018, 8, 83-89.	0.3	3
199	MicroRNA: Relevance to stroke diagnosis, prognosis, and therapy. Journal of Cellular Physiology, 2018, 233, 856-865.	2.0	147
200	Cortical Bilateral Adaptations in Rats Submitted to Focal Cerebral Ischemia: Emphasis on Glial Metabolism. Molecular Neurobiology, 2018, 55, 2025-2041.	1.9	13

		15	Circuration
#	Protective Effects of Spatholobi Caulis Extract on Neuronal Damage and Focal Ischemic	IF	CHATIONS
201	Stroke/Reperfusion Injury. Molecular Neurobiology, 2018, 55, 4650-4666.	1.9	41
202	Neuronal Rho GTPase Rac1 elimination confers neuroprotection in a mouse model of permanent ischemic stroke. Brain Pathology, 2018, 28, 569-580.	2.1	15
203	Structure and function of a novel antioxidant peptide from the skin of tropical frogs. Free Radical Biology and Medicine, 2018, 115, 68-79.	1.3	52
204	Neurotransmitters in the mediation of cerebral ischemic injury. Neuropharmacology, 2018, 134, 178-188.	2.0	76
205	Interdisciplinary Advances Towards Understanding and Enhancing the Therapeutic Potential of Stem Cell-Based Therapies for Ischaemic Stroke. Springer Series in Translational Stroke Research, 2018, , 21-45.	0.1	0
206	Vascular Protection of Hydrogen Sulfide on Cerebral Ischemia/Reperfusion Injury in Rats. Frontiers in Neurology, 2018, 9, 779.	1.1	25
207	Stroke. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 159, 205-228.	1.0	42
208	PHARMACOLOGICAL EVALUATION OF ZAFIRLUKAST IN EXPERIMENTALLY INDUCED GLOBAL CEREBRAL ISCHEMIA/REPERFUSION INJURY IN MICE. International Journal of Pharmacy and Pharmaceutical Sciences, 2018, 10, 30.	0.3	5
209	Combined Use of Emodin and Ginsenoside Rb1 Exerts Synergistic Neuroprotection in Cerebral Ischemia/Reperfusion Rats. Frontiers in Pharmacology, 2018, 9, 943.	1.6	37
210	Pomalidomide Ameliorates H2O2-Induced Oxidative Stress Injury and Cell Death in Rat Primary Cortical Neuronal Cultures by Inducing Anti-Oxidative and Anti-Apoptosis Effects. International Journal of Molecular Sciences, 2018, 19, 3252.	1.8	24
211	Impact of steroid hormones E2 and P on the NLRP3/ASC/Casp1 axis in primary mouse astroglia and BV-2 cells after in vitro hypoxia. Journal of Steroid Biochemistry and Molecular Biology, 2018, 183, 18-26.	1.2	39
212	Neuroprotective Effects of Guanosine Administration on In Vivo Cortical Focal Ischemia in Female and Male Wistar Rats. Neurochemical Research, 2018, 43, 1476-1489.	1.6	12
213	Classification and Molecular Aspects of Neurotraumatic Diseases. , 2018, , 1-40.		1
214	Gastrodin attenuates microglia activation through renin-angiotensin system and Sirtuin3 pathway. Neurochemistry International, 2018, 120, 49-63.	1.9	28
215	A Case of Rapid Malignant Brain Swelling Subacutely After Reperfusion Therapy for Internal Carotid Artery Occlusion. World Neurosurgery, 2018, 118, 311-315.	0.7	1
216	Harnessing the Potential of Biomaterials for Brain Repair after Stroke. Frontiers in Materials, 2018, 5, .	1.2	31
217	Silencing a Multifunctional microRNA Is Beneficial for Stroke Recovery. Frontiers in Molecular Neuroscience, 2018, 11, 58.	1.4	28
218	Neuroprotective Effects of Bioactive Compounds and MAPK Pathway Modulation in $\hat{a} \in \hat{a} \in \mathbb{C}^{3}$ Stressed PC12 Pheochromocytoma Cells. Brain Sciences, 2018, 8, 32.	1.1	24

#	Article	IF	CITATIONS
219	Fullerenol Nanoparticles Decrease Blood-Brain Barrier Interruption and Brain Edema during Cerebral Ischemia-Reperfusion Injury Probably by Reduction of Interleukin-6 and Matrix Metalloproteinase-9 Transcription. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3053-3065.	0.7	27
220	Metabolomics and Lipidomics of Ischemic Stroke. Advances in Clinical Chemistry, 2018, 85, 31-69.	1.8	84
222	Hydrogel Scaffolds: Towards Restitution of Ischemic Stroke-Injured Brain. Translational Stroke Research, 2019, 10, 1-18.	2.3	41
223	Colivelin Rescues Ischemic Neuron and Axons Involving JAK/STAT3 Signaling Pathway. Neuroscience, 2019, 416, 198-206.	1.1	22
224	Mesenchymal derived exosomes enhance recovery of motor function in a monkey model of cortical injury. Restorative Neurology and Neuroscience, 2019, 37, 347-362.	0.4	24
225	Liposomes for drug delivery in stroke. Brain Research Bulletin, 2019, 152, 246-256.	1.4	44
226	Early molecular oxidative stress biomarkers of ischemic penumbra in acute stroke. Neurology, 2019, 93, e1288-e1298.	1.5	36
227	Integration of phospholipid-complex nanocarrier assembly with endogenous N-oleoylethanolamine for efficient stroke therapy. Journal of Nanobiotechnology, 2019, 17, 8.	4.2	22
228	New Quinolylnitrones for Stroke Therapy: Antioxidant and Neuroprotective ( <i>Z</i> )- <i>N</i> - <i>tert</i> -Butyl-1-(2-chloro-6-methoxyquinolin-3-yl)methanimine Oxide as a New Lead-Compound for Ischemic Stroke Treatment. Journal of Medicinal Chemistry, 2019, 62, 2184-2201.	2.9	35
229	Neuroprotective Effects of Anthraquinones from Rhubarb in Central Nervous System Diseases. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-12.	0.5	28
230	The effect of astragaloside IV on JAK2â€STAT6 signalling pathway in mouse model of ovalbuminâ€induced asthma. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 1578-1584.	1.0	15
231	Epidemiology, Natural History, and Clinical Presentation of Large Vessel Ischemic Stroke. Neurosurgery, 2019, 85, S4-S8.	0.6	151
232	Protective Effects of a New C-Jun N-terminal Kinase Inhibitor in the Model of Global Cerebral Ischemia in Rats. Molecules, 2019, 24, 1722.	1.7	35
233	Quercetin alleviates the injury-induced decrease of protein phosphatase 2A subunit B in cerebral ischemic animal model and glutamate-exposed HT22 cells. Journal of Veterinary Medical Science, 2019, 81, 1047-1054.	0.3	21
234	Pomalidomide Reduces Ischemic Brain Injury in Rodents. Cell Transplantation, 2019, 28, 439-450.	1.2	14
235	Cell based therapy reduces secondary damage and increases extent of microglial activation following cortical injury. Brain Research, 2019, 1717, 147-159.	1.1	11
236	Therapeutic effects of combination environmental enrichment with necrostatin-1 on cognition following vascular cognitive impairment in mice. European Journal of Inflammation, 2019, 17, 205873921983483.	0.2	5
237	Anti-inflammatory Effects of Traditional Chinese Medicines on Preclinical in vivo Models of Brain Ischemia-Reperfusion-Injury: Prospects for Neuroprotective Drug Discovery and Therapy. Frontiers in Pharmacology 2019, 10, 204	1.6	33

#	Article	IF	CITATIONS
238	Constraint Induced Movement Therapy as a Rehabilitative Strategy for Ischemic Stroke—Linking Neural Plasticity with Restoration of Skilled Movements. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1640-1653.	0.7	12
239	Novel Quinolylnitrones Combining Neuroprotective and Antioxidant Properties. ACS Chemical Neuroscience, 2019, 10, 2703-2706.	1.7	15
240	The Ethanolic Extract of Caesalpinia sappan Heartwood Inhibits Cerebral Ischemia/Reperfusion Injury in a Rat Model Through a Multi-Targeted Pharmacological Mechanism. Frontiers in Pharmacology, 2019, 10, 29.	1.6	17
241	tiRNAs as a novel biomarker for cell damage assessment in in vitro ischemia-reperfusion model in rat neuronal PC12 cells. Brain Research, 2019, 1714, 8-17.	1.1	29
242	Extracellular Glutamate Concentration Increases Linearly in Proportion to Decreases in Residual Cerebral Blood Flow After the Loss of Membrane Potential in a Rat Model of Ischemia. Journal of Neurosurgical Anesthesiology, 2019, Publish Ahead of Print, 356-362.	0.6	3
243	Ferroptosis and Its Role in Diverse Brain Diseases. Molecular Neurobiology, 2019, 56, 4880-4893.	1.9	319
244	Distribution kinetics of puerarin in rat hippocampus after acute local cerebral ischemia. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 196-201.	1.4	13
245	Evolutionary concept of inflammatory response and stroke. Journal of Neuroscience Research, 2020, 98, 98-104.	1.3	12
246	Neuron-specific enolase is correlated with lesion topology, relative infarct volume and outcome of symptomatic NAIS. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 132-137.	1.4	9
247	MicroRNAs and Regeneration in Animal Models of CNS Disorders. Neurochemical Research, 2020, 45, 188-203.	1.6	15
248	Mass spectrometryâ€based method for quantification of nimodipine and glutamate in cerebrospinal fluid. Pilot study with patients after aneurysmal subarachnoid haemorrhage. Journal of Clinical Pharmacy and Therapeutics, 2020, 45, 81-87.	0.7	6
249	Adult Neurogenesis in the Subventricular Zone and Its Regulation After Ischemic Stroke: Implications for Therapeutic Approaches. Translational Stroke Research, 2020, 11, 60-79.	2.3	73
250	Advanced Functional Materials and Cellâ€Based Therapies for the Treatment of Ischemic Stroke and Postischemic Stroke Effects. Advanced Functional Materials, 2020, 30, 1906283.	7.8	23
251	Resveratrol promoted the M2 polarization of microglia and reduced neuroinflammation after cerebral ischemia by inhibiting miR-155. International Journal of Neuroscience, 2020, 130, 817-825.	0.8	35
252	Withanolide a penetrates brain via intra-nasal administration and exerts neuroprotection in cerebral ischemia reperfusion injury in mice. Xenobiotica, 2020, 50, 957-966.	0.5	12
253	The role of haematological traits in risk of ischaemic stroke and its subtypes. Brain, 2020, 143, 210-221.	3.7	30
254	Local Leukocyte Invasion during Hyperacute Human Ischemic Stroke. Annals of Neurology, 2020, 87, 466-479.	2.8	50
255	Coagulation factor XII, XI, and VIII activity levels and secondary events after first ischemic stroke. Journal of Thrombosis and Haemostasis, 2020, 18, 3316-3324.	1.9	12

#	Article	IF	CITATIONS
256	Gonadal Hormones E2 and P Mitigate Cerebral Ischemia-Induced Upregulation of the AIM2 and NLRC4 Inflammasomes in Rats. International Journal of Molecular Sciences, 2020, 21, 4795.	1.8	29
257	Brain Factor-7® improves learning and memory deficits and attenuates ischemic brain damage by reduction of ROS generation in stroke in vivo and in vitro. Laboratory Animal Research, 2020, 36, 24.	1.1	16
258	Nanomedicine progress in thrombolytic therapy. Biomaterials, 2020, 258, 120297.	5.7	62
259	Novel humanin analogs confer neuroprotection and myoprotection to neuronal and myoblast cell cultures exposed to ischemia-like and doxorubicin-induced cell death insults. Peptides, 2020, 134, 170399.	1.2	7
260	Synthesis, antioxidant properties and neuroprotection of α-phenyl-tert-butylnitrone derived HomoBisNitrones in in vitro and in vivo ischemia models. Scientific Reports, 2020, 10, 14150.	1.6	13
261	Acute Routine Leukocyte and Neutrophil Counts Are Predictive of Poststroke Recovery at 3 and 12 Months Poststroke: An Exploratory Study. Neurorehabilitation and Neural Repair, 2020, 34, 844-855.	1.4	10
262	Novel proton exchange rate MRI presents unique contrast in brains of ischemic stroke patients. Journal of Neuroscience Methods, 2020, 346, 108926.	1.3	8
263	The Role of Reduced Polyamine Synthesis in Ischemic Stroke. Neurochemical Journal, 2020, 14, 243-250.	0.2	2
264	Liquid biopsy markers for stroke diagnosis. Expert Review of Molecular Diagnostics, 2020, 20, 771-788.	1.5	10
265	Stroke and potential benefits of brain-computer interface. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 25-32.	1.0	4
266	Primer for Mainstreaming Mind-Body Techniques for Extreme Climates-Insights and Future Directions. Medicines (Basel, Switzerland), 2020, 7, 12.	0.7	5
267	Serum bilirubin and ischaemic stroke: a review of literature. Stroke and Vascular Neurology, 2020, 5, 198-204.	1.5	14
268	Ethanol extracts from Ilex pubescens promotes cerebral ischemic tolerance via modulation of TLR4-MyD88/TRIF signaling pathway in rats. Journal of Ethnopharmacology, 2020, 256, 112680.	2.0	10
269	Microglia alter the threshold of spreading depolarization and related potassium uptake in the mouse brain. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, S67-S80.	2.4	29
270	Recent Progress of Nanomedicine in the Treatment of Central Nervous System Diseases. Advanced Therapeutics, 2020, 3, 1900159.	1.6	12
271	Kaempferol Protects Cell Damage in In Vitro Ischemia Reperfusion Model in Rat Neuronal PC12 Cells. BioMed Research International, 2020, 2020, 1-10.	0.9	18
272	Treatment with Mesenchymal-Derived Extracellular Vesicles Reduces Injury-Related Pathology in Pyramidal Neurons of Monkey Perilesional Ventral Premotor Cortex. Journal of Neuroscience, 2020, 40, 3385-3407.	1.7	31
273	Ferroptosis as an emerging target in inflammatory diseases. Progress in Biophysics and Molecular Biology, 2020, 155, 20-28.	1.4	116

#	Article	IF	CITATIONS
274	Characterization of a CholesteroNitrone (ISQ-201), a Novel Drug Candidate for the Treatment of Ischemic Stroke. Antioxidants, 2020, 9, 291.	2.2	9
275	Uricemia como factor pronóstico del ictus isquémico agudo. NeurologÃa, 2021, 36, 279-284.	0.3	Ο
276	Refocusing the Brain: New Approaches in Neuroprotection Against Ischemic Injury. Neurochemical Research, 2021, 46, 51-63.	1.6	13
277	Clinacanthus nutans Mitigates Neuronal Death and Reduces Ischemic Brain Injury: Role of NF-κB-driven IL-1β Transcription. NeuroMolecular Medicine, 2021, 23, 199-210.	1.8	2
278	Hyperuricaemia as a prognostic factor for acute ischaemic stroke. NeurologÃa (English Edition), 2021, 36, 279-284.	0.2	0
280	Boeravinone B Protects Brain against Cerebral Ichemia Reperfusion Injury in Rats: Possible Role of Anti-inflammatory and Antioxidant. Journal of Oleo Science, 2021, 70, 927-936.	0.6	12
281	Understanding the brain uptake and permeability of small molecules through the BBB: A technical overview. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2098594.	2.4	25
282	The Hemoglobin, Albumin, Lymphocyte, and Platelet (HALP) Score Is Associated With Poor Outcome of Acute Ischemic Stroke. Frontiers in Neurology, 2020, 11, 610318.	1.1	30
283	Qingda granule exerts neuroprotective effects against ischemia/reperfusion-induced cerebral injury via IncRNA GAS5/miR-137 signaling pathway. International Journal of Medical Sciences, 2021, 18, 1687-1698.	1.1	12
284	Polygala sabulosa A.W. Bennett extract mitigates motor and cognitive deficits in a mouse model of acute ischemia. Metabolic Brain Disease, 2021, 36, 453-462.	1.4	1
285	Identification of regulated proteins by epigallocatechin gallate treatment in an ischemic cerebral cortex animal model: a proteomics approach. Journal of Veterinary Medical Science, 2021, 83, 916-926.	0.3	3
286	Synthesis, Neuroprotection, and Antioxidant Activity of 1,1′-Biphenylnitrones as α-Phenyl-N-tert-butylnitrone Analogues in In Vitro Ischemia Models. Molecules, 2021, 26, 1127.	1.7	2
287	Hippocampal silent infarct leads to subtle cognitive decline that is associated with inflammation and gliosis at twenty-four hours after injury in a rat model. Behavioural Brain Research, 2021, 401, 113089.	1.2	4
289	Weighted gene co expression network analysis (WGCNA) with key pathways and hubâ€genes related to micro RNAs in ischemic stroke. IET Systems Biology, 2021, 15, 93-100.	0.8	4
290	Ferroptosis and its emerging roles in cardiovascular diseases. Pharmacological Research, 2021, 166, 105466.	3.1	126
291	Effects of intranasal guanosine administration on brain function in a rat model of ischemic stroke. Purinergic Signalling, 2021, 17, 255-271.	1.1	6
292	Tyrosol as a Neuroprotector: Strong Effects of a "Weak―Antioxidant. Current Neuropharmacology, 2021, 19, 434-448.	1.4	18
293	Risk factors among stroke subtypes and its impact on the clinical outcome of patients of Northern Portugal under previous aspirin therapy. Clinical Neurology and Neurosurgery, 2021, 203, 106564.	0.6	1

#	Article	IF	CITATIONS
294	Understanding Why Post-Stroke Depression May Be the Norm Rather Than the Exception: The Anatomical and Neuroinflammatory Correlates of Post-Stroke Depression. Journal of Clinical Medicine, 2021, 10, 1674.	1.0	36
295	Extracellular ferritin contributes to neuronal injury in an in vitro model of ischemic stroke. Journal of Physiology and Biochemistry, 2021, 77, 539-545.	1.3	2
296	Withania coagulans extract attenuates oxidative stress-mediated apoptosis of cerebellar purkinje neurons after ischemia/reperfusion injury. Metabolic Brain Disease, 2021, 36, 1699-1708.	1.4	6
297	Fatty Acid-Binding Proteins Aggravate Cerebral Ischemia-Reperfusion Injury in Mice. Biomedicines, 2021, 9, 529.	1.4	14
298	Modelâ€free leakage index estimation of the bloodâ€brain barrier using dual dynamic susceptibility contrast MRI acquisition. NMR in Biomedicine, 2021, 34, e4570.	1.6	1
299	Diagnostic and prognostic blood biomarkers in vascular dementia: From the viewpoint of ischemic stroke. Neurochemistry International, 2021, 146, 105015.	1.9	14
300	Regulation of ferroptosis by bioactive phytochemicals: Implications for medical nutritional therapy. Pharmacological Research, 2021, 168, 105580.	3.1	41
301	Homocysteine restrains hippocampal neurogenesis in focal ischemic rat brain by inhibiting DNA methylation. Neurochemistry International, 2021, 147, 105065.	1.9	11
302	Electroacupuncture Improves Cerebral Ischemic Injury by Enhancing the EPO-JAK2-STAT5 Pathway in Rats. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 2489-2498.	1.0	2
303	The selective estrogen receptor modulator tamoxifen protects against subtle cognitive decline and early markers of injury 24Âh after hippocampal silent infarct in male Sprague-Dawley rats. Hormones and Behavior, 2021, 134, 105016.	1.0	5
304	Targeting Ferroptosis to Treat Cardiovascular Diseases: A New Continent to Be Explored. Frontiers in Cell and Developmental Biology, 2021, 9, 737971.	1.8	24
306	Acquired Brain Injury in Adults: A Review of Pathophysiology, Recovery, and Rehabilitation. Perspectives of the ASHA Special Interest Groups, 2021, 6, 714-727.	0.4	6
307	Privileged Quinolylnitrones for the Combined Therapy of Ischemic Stroke and Alzheimer's Disease. Pharmaceuticals, 2021, 14, 861.	1.7	4
308	A Quasi-Physiological Microfluidic Blood-Brain Barrier Model for Brain Permeability Studies. Pharmaceutics, 2021, 13, 1474.	2.0	18
309	On the Common Journey of Neural Cells through Ischemic Brain Injury and Alzheimer's Disease. International Journal of Molecular Sciences, 2021, 22, 9689.	1.8	19
310	Akt / CSK3β / Nrf2 / HO-1 pathway activation by flurbiprofen protects the hippocampal neurons in a rat model of glutamate excitotoxicity. Neuropharmacology, 2021, 196, 108654.	2.0	16
311	Detection of large vessel occlusion stroke with electroencephalography in the emergency room: first results of the ELECTRA-STROKE study. Journal of Neurology, 2022, 269, 2030-2038.	1.8	14
312	Fucoidan-functionalized polysaccharide submicroparticles loaded with alteplase for efficient targeted thrombolytic therapy. Biomaterials, 2021, 277, 121102.	5.7	16

#	Article	IF	CITATIONS
313	Post-stroke treatment of storax improves long-term outcomes of stroke in rats. Journal of Ethnopharmacology, 2021, 280, 114467.	2.0	9
314	Molecular and Cellular Mechanisms of Ischemia-Induced Neuronal Death. , 2022, , 57-73.e6.		0
315	The neuroprotection of electro-acupuncture via the PGC-1α/TFAM pathway in transient focal cerebral ischemia rats. Biocell, 2022, 46, 235-245.	0.4	1
316	Physiopathology of ischemic stroke and its modulation using memantine: evidence from preclinical stroke. Neural Regeneration Research, 2021, 16, 433.	1.6	27
317	TRPM2 in ischemic stroke: Structure, molecular mechanisms, and drug intervention. Channels, 2021, 15, 136-154.	1.5	14
318	Potential Application of 170 MRI to Human Ischemic Stroke. Advances in Experimental Medicine and Biology, 2011, 701, 215-222.	0.8	10
319	Concept of Excitotoxicity via Glutamate Receptors. , 2014, , 1015-1038.		8
321	Stroke Pathophysiology and Reactive Oxygen Species. , 2014, , 1979-1997.		2
322	Synthesis, neuroprotective and antioxidant capacity of PBN-related indanonitrones. Bioorganic Chemistry, 2019, 86, 445-451.	2.0	8
323	Electroacupuncture Alleviates Ischemic Brain Injury by Inhibiting the miR-223/NLRP3 Pathway. Medical Science Monitor, 2019, 25, 4723-4733.	0.5	51
324	Carvacrol, a Food-Additive, Provides Neuroprotection on Focal Cerebral Ischemia/Reperfusion Injury in Mice. PLoS ONE, 2012, 7, e33584.	1.1	89
325	Neuroprotective Role of Nanoencapsulated Quercetin in Combating Ischemia-Reperfusion Induced Neuronal Damage in Young and Aged Rats. PLoS ONE, 2013, 8, e57735.	1.1	133
326	Cell Death Pathways in Astrocytes with a Modified Model of Oxygen-Glucose Deprivation. PLoS ONE, 2013, 8, e61345.	1.1	15
327	The Potential Therapeutic Effect of Guanosine after Cortical Focal Ischemia in Rats. PLoS ONE, 2014, 9, e90693.	1.1	45
328	Neuroprotective Effect of Scutellarin on Ischemic Cerebral Injury by Down-Regulating the Expression of Angiotensin-Converting Enzyme and AT1 Receptor. PLoS ONE, 2016, 11, e0146197.	1.1	52
329	Microglia mediated neuroinflammation - signaling regulation and therapeutic considerations with special reference to some natural compounds. Histology and Histopathology, 2020, 35, 1229-1250.	0.5	7
330	Clinical and molecular correlates of the ASPECTS in the acute phase of stroke. Arquivos De Neuro-Psiquiatria, 2020, 78, 262-268.	0.3	3
331	A New Therapeutic Approach for Brain Delivery of Epigallocatechin Gallate: Development and Characterization Studies. Current Drug Delivery, 2018, 16, 59-65.	0.8	7

#	Article	IF	Citations
332	Differences in Post-ischemic Motor Recovery and Angiogenesis of MCAO Rats Following Electroacupuncture at Different Acupoints. Current Neurovascular Research, 2020, 17, 71-78.	0.4	7
333	Combination of Therapeutic Hypothermia and Other Neuroprotective Strategies after An Ischemic Cerebral Insult. Current Neuropharmacology, 2014, 12, 399-412.	1.4	22
334	The Role of Inflammatory Response in Stroke Associated Programmed Cell Death. Current Neuropharmacology, 2018, 16, 1365-1374.	1.4	55
336	Neuroprotective effect of pretreatment with ganoderma lucidum in cerebral ischemia/reperfusion injury in rat hippocampus. Neural Regeneration Research, 2014, 9, 1446.	1.6	40
337	Neuroprotective effects of daidzein on focal cerebral ischemia injury in rats. Neural Regeneration Research, 2015, 10, 146.	1.6	54
338	LncRNA SNHG12 ameliorates brain microvascular endothelial cell injury by targeting miR-199a. Neural Regeneration Research, 2018, 13, 1919.	1.6	39
339	Therapeutic potential of natural compounds from Chinese medicine in acute and subacute phases of ischemic stroke. Neural Regeneration Research, 2020, 15, 416.	1.6	21
340	Histone Deacetylases in Stroke. Chinese Journal of Physiology, 2019, 62, 95-107.	0.4	14
341	Stem Cells for Neurovascular Repair in Stroke. Journal of Stem Cell Research & Therapy, 2012, s4, 12912.	0.3	26
342	Towards a dynamical network view of brain ischemia and reperfusion. Part I: background and preliminaries. Journal of Experimental Stroke & Translational Medicine, 2010, 3, 59-71.	0.2	16
343	Improving Door to Groin Puncture Time for Mechanical Thrombectomy via Iterative Quality Protocol Interventions. Cureus, 2018, 10, e2300.	0.2	15
344	Regulatory role of miR-129 and miR-384-5p on apoptosis induced by oxygen and glucose deprivation in PC12 cell. Experimental Brain Research, 2022, 240, 97-111.	0.7	0
346	Folate Deficiency Enhances Delayed Neuronal Death in the Hippocampus After Transient Cerebral Ischemia. , 0, , .		0
347	Cerebral Ischemia and Post-Ischemic Treatment with Hypothermia. , 0, , .		Ο
348	Korelasi Kadar 8-Hydroxy-2-Deoxyguanosine (8-OHdG) Serum Dengan Derajat Defisit Neurologis pada Strok Iskemik. Majalah Kedokteran Bandung, 2014, 46, 174-182.	0.2	0
350	Potential Biomarkers in Stroke and Current Therapeutics. , 2016, 2, .		0
352	The Alteration of Plasma Matrix Metalloproteinase-9 Level after the Addition of Bromelin 500 mg to Standard Therapy of Acute Ischemic Stroke and Its Correlation with Outcome. Open Access Macedonian Journal of Medical Sciences, 2018, 6, 624-628.	0.1	1
353	MicroRnA as a diagnostic biomarker in stroke. Arterial Hypertension (Russian Federation), 2018, 24, 521-530.	0.1	1

	Сітатіс	CITATION REPORT	
#	ARTICLE Pathophysiologie des Schlaganfalls., 2020., 3-13.	IF	CITATIONS
001			0
355	Chinese Herbal Preparation SaiLuoTong Alleviates Brain Ischemia via Nrf2 Antioxidation Pathway–Dependent Cerebral Microvascular Protection. Frontiers in Pharmacology, 2021, 12, 748568.	1.6	10
356	THE POSSIBILITY OF USING GLIAL FIBRILLARY ACIDIC PROTEIN AS A BIOMARKER IN THE ACUTE PERIOD OF STROKE. Russian Neurological Journal, 2019, , 4-15.	0.1	1
357	Translational Neuroscience of Aphasia and Adult Language Rehabilitation. Contemporary Clinical Neuroscience, 2020, , 5-20.	0.3	3
360	Neuroprotection: The Way of Anti-Inflammatory Agents. , 0, , .		1
363	Heart rate variability as an autonomic biomarker in ischemic stroke. Arquivos De Neuro-Psiquiatria, 2020, 78, 724-732.	0.3	13
366	Omega-conotoxin MVIIC attenuates neuronal apoptosis in vitro and improves significant recovery after spinal cord injury in vivo in rats. International Journal of Clinical and Experimental Pathology, 2014, 7, 3524-36.	0.5	10
367	Ischemic postconditioning enhances glycogen synthase kinase-3β expression and alleviates cerebral ischemia/reperfusion injury. Neural Regeneration Research, 2012, 7, 1507-12.	1.6	2
368	Melatonin combined with exercise cannot alleviate cerebral injury in a rat model of focal cerebral ischemia/reperfusion injury. Neural Regeneration Research, 2012, 7, 993-9.	1.6	4
369	Plasmatic markers for early diagnostic and treatment decisions in ischemic stroke. Journal of Medicine and Life, 2015, 8 Spec Issue, 21-5.	0.4	0
370	N-of-1 Trial in Person with Pontine Stroke Receiving Repetitive Transcranial Magnetic Stimulation to Improve Hand Function. Journal of Neuroimaging in Psychiatry & Neurology, 2017, 2, 36-42.	0.4	0
372	The role of resveratrol as a natural modulator in glia activation in experimental models of stroke. Avicenna Journal of Phytomedicine, 2020, 10, 557-573.	0.1	5
373	Understanding the Connection Between Common Stroke Comorbidities, Their Associated Inflammation, and the Course of the Cerebral Ischemia/Reperfusion Cascade. Frontiers in Immunology, 2021, 12, 782569.	2.2	54
374	Deep Sequencing of the Rat MCAO Cortexes Reveals Crucial circRNAs Involved in Early Stroke Events and Their Regulatory Networks. Neural Plasticity, 2021, 2021, 1-17.	1.0	12
375	MicroRNA Analysis of Human Stroke Brain Tissue Resected during Decompressive Craniectomy/Stroke-Ectomy Surgery. Genes, 2021, 12, 1860.	1.0	9
376	Non-Invasive Brain Stimulation as Therapeutic Approach for Ischemic Stroke: Insights into the (Sub)Cellular Mechanisms. SSRN Electronic Journal, 0, , .	0.4	0
377	Neuroprotective strategies for acute ischemic stroke: Targeting oxidative stress and prolyl hydroxylase domain inhibition in synaptic signalling. Brain Disorders, 2022, 5, 100030.	1.1	12
378	Vision and Visuomotor Performance Following Acute Ischemic Stroke. Frontiers in Neurology, 2022, 13, 757431.	1.1	5

#	Article	IF	CITATIONS
379	Neuroprotection in Stroke—Focus on the Renin-Angiotensin System: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 3876.	1.8	5
380	Nucleobase-Derived Nitrones: Synthesis and Antioxidant and Neuroprotective Activities in an In Vitro Model of Ischemia–Reperfusion. International Journal of Molecular Sciences, 2022, 23, 3411.	1.8	1
381	Cross-talk between GABAergic postsynapse and microglia regulate synapse loss after brain ischemia. Science Advances, 2022, 8, eabj0112.	4.7	15
382	FAST-IT: <i>F</i> ind <i>A S</i> imple <i>T</i> est â€" <i>I</i> n <i>T</i> IA (transient ischaemic attack): a prospective cohort study to develop a multivariable prediction model for diagnosis of TIA through proteomic discovery and candidate lipid mass spectrometry, neuroimaging and machine learningâ€"study protocol. BMI Open. 2022. 12. e045908.	0.8	0
383	Non-invasive brain stimulation as therapeutic approach for ischemic stroke: Insights into the (sub)cellular mechanisms. , 2022, 235, 108160.		10
385	Synthesis of New Statin Derivatives. ChemistrySelect, 2021, 6, 13633-13635.	0.7	1
386	Neuroinflammation as a Key Driver of Secondary Neurodegeneration Following Stroke?. International Journal of Molecular Sciences, 2021, 22, 13101.	1.8	51
387	Inhalation of Atmospheric-Pressure Gas Plasma Attenuates Brain Infarction in Rats With Experimental Ischemic Stroke. Frontiers in Neuroscience, 2022, 16, 875053.	1.4	0
394	Cell death in development, maintenance, and diseases of the nervous system. Seminars in Immunopathology, 2022, 44, 725-738.	2.8	3
395	The Role of Mitochondrial Dynamin in Stroke. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	1.9	2
396	Predictive Factors of Acute Symptomatic Seizures in Patients With Ischemic Stroke Due to Large Vessel Occlusion. Frontiers in Neurology, 2022, 13, .	1.1	3
397	Effects of Noninvasive Brain Stimulation Combined With Antidepressants in Patients With Poststroke Depression: A Systematic Review and Meta-Analysis. Frontiers in Pharmacology, 0, 13, .	1.6	4
398	Preclinical Characterization of Antioxidant Quinolyl Nitrone QN23 as a New Candidate for the Treatment of Ischemic Stroke. Antioxidants, 2022, 11, 1186.	2.2	6
399	Recent Advances in Nanomaterials for Diagnosis, Treatments, and Neurorestoration in Ischemic Stroke. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	7
400	Promising Strategies for the Development of Advanced In Vitro Models with High Predictive Power in Ischaemic Stroke Research. International Journal of Molecular Sciences, 2022, 23, 7140.	1.8	4
401	Association between Deep Medullary Veins in the Unaffected Hemisphere and Functional Outcome in Acute Cardioembolic Stroke: An Observational Retrospective Study. Brain Sciences, 2022, 12, 978.	1.1	0
403	Synthesis and Antioxidant Properties of HeteroBisNitrones Derived from Benzene Dicarbaldehydes. Antioxidants, 2022, 11, 1575.	2.2	1
404	Delivery of self-replicating messenger RNA into the brain for the treatment of ischemic stroke. Journal of Controlled Release, 2022, 350, 471-485.	4.8	6

ARTICLE IF CITATIONS Spatial Analysis of Neural Cell Proteomic Profiles Following Ischemic Stroke in Mice Using High-Plex 406 1.9 11 Digital Spatial Profiling. Molecular Neurobiology, 2022, 59, 7236-7252. Translating Animal Models of Ischemic Stroke to the Human Condition. Translational Stroke 2.3 Research, 2023, 14, 842-853. Fyn Signaling in Ischemia-Reperfusion Injury: Potential and Therapeutic Implications. Mediators of 408 2 1.4 Inflammation, 2022, 2022, 1-10. Protective Effect of Ergothioneine Against Stroke in Rodent Models. NeuroMolecular Medicine, 2023, 409 1.8 25, 205-216. Integrated Metabolomics and Lipidomics Approach for the Study of Metabolic Network and Early 410 1.8 4 Diagnosis in Cerebral Infarction. Journal of Proteome Research, Ó, , . The impact of acupuncture on neuroplasticity after ischemic stroke: a literature review and 1.8 perspectives. Frontiers in Cellular Neuroscience, 0, 16, . 412 Cathepsin L and acute ischemic stroke: A mini-review., 0, 1, . 1 Mechanistic and therapeutic role of Drp1 in the pathogenesis of stroke. Gene, 2023, 855, 147130. 1.0 Effect of Diammonium Glycyrrhizinate in Improving Focal Cerebral Ischemia-Reperfusion Injury in Rats 414 0.7 2 Through Multiple Mechanisms. Dose-Response, 2022, 20, 155932582211427. Advancements in Hydrogel Application for Ischemic Stroke Therapy. Gels, 2022, 8, 777. 2.1 Direct Mechanical Thrombectomy Versus Prior Bridging Intravenous Thrombolysis in Acute Ischemic 416 1.1 1 Stroke: A Systematic Review and Meta-Analysis. Life, 2023, 13, 185. Predicting the Onset of Ischemic Stroke With Fast <scp>Highâ€Resolution 3D MR</scp> Spectroscopic Imaging. Journal of Magnetic Resonance Imaging, 2023, 58, 838-847. Neurotoxic and cytoprotective mechanisms in the ischemic neocortex. Journal of Chemical 418 1.0 0 Neuroanatomy, 2023, 128, 102230. Docosahexaenoic acid inhibits ischemic stroke to reduce vascular dementia and Alzheimer's disease. 1.0 Prostaglandins and Other Lipid Mediators, 2023, 167, 106733. Ischemic stroke protected by ISO-1 inhibition of apoptosis via mitochondrial pathway. Scientific 420 1.6 6 Reports, 2023, 13, . Transferrin-targeted iridium nanoagglomerates with multi-enzyme activities for cerebral 421 ischemia-reperfusion injury therapy. Acta Biomaterialia, 2023, 166, 524-535.

CITATION REPORT

0

Trigonelline and its uses in stroke. , 2023, , 979-992.