

Ischemia and reperfusionâ€”from mechanism to transl

Nature Medicine

17, 1391-1401

DOI: 10.1038/nm.2507

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Pathology of Kidney Transplantation. , 0, , 25-63.		0
2	The Pathology of Intestinal and Multivisceral Transplantation. , 0, , 183-215.		0
3	Extracellular Adenosine: A Safety Signal That Dampens Hypoxia-Induced Inflammation During Ischemia. Antioxidants and Redox Signaling, 2011, 15, 2221-2234.	5.4	83
4	Thrombospondin-1 Regulates Blood Flow via CD47 Receptor-Mediated Activation of NADPH Oxidase 1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2966-2973.	2.4	106
5	Mesenchymal stromal cells in renal ischemia/reperfusion injury. Frontiers in Immunology, 2012, 3, 162.	4.8	26
6	Endothelin-B Receptors and Left Ventricular Dysfunction after Regional versus Global Ischaemia-Reperfusion in Rat Hearts. Cardiology Research and Practice, 2012, 2012, 1-9.	1.1	4
7	Activation of the MyD88 signaling pathway inhibits ischemia-reperfusion injury in the small intestine. American Journal of Physiology - Renal Physiology, 2012, 303, G324-G334.	3.4	20
8	Activation of Parenchymal CD47 Promotes Renal Ischemia-Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2012, 23, 1538-1550.	6.1	61
9	The Role of PPAR α in Metformin-Induced Attenuation of Mitochondrial Dysfunction in Acute Cardiac Ischemia/Reperfusion in Rats. International Journal of Molecular Sciences, 2012, 13, 7694-7709.	4.1	70
10	Adenosine receptor A2b on hematopoietic cells mediates LPS-induced migration of PMNs into the lung interstitium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L425-L438.	2.9	38
11	Aryl hydrocarbon receptor agonist, leflunomide, protects the ischemic-reperfused kidney: role of Tregs and stem cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R1136-R1146.	1.8	30
12	Post-Ischemic Inflammation in the Brain. Frontiers in Immunology, 2012, 3, 132.	4.8	173
13	Hypoxia signaling during intestinal ischemia and inflammation. Current Opinion in Critical Care, 2012, 18, 178-185.	3.2	49
14	Concise Review: Therapeutic Potential of Adipose Tissue-Derived Angiogenic Cells. Stem Cells Translational Medicine, 2012, 1, 658-667.	3.3	42
15	Adora2b-elicited Per2 stabilization promotes a HIF-dependent metabolic switch crucial for myocardial adaptation to ischemia. Nature Medicine, 2012, 18, 774-782.	30.7	278
16	Myocardial Ischemia Reperfusion Injury. Seminars in Cardiothoracic and Vascular Anesthesia, 2012, 16, 123-132.	1.0	385
17	Transient exposure to hydrogen peroxide inhibits the ubiquitination of phosphorylated I κ B α in TNF α -stimulated HEK293 cells. Experimental and Molecular Medicine, 2012, 44, 513.	7.7	9
18	Dendritic Cell Sphingosine 1-Phosphate Receptor-3 Regulates Th1-Th2 Polarity in Kidney Ischemia-Reperfusion Injury. Journal of Immunology, 2012, 189, 2584-2596.	0.8	70

#	ARTICLE	IF	CITATIONS
19	The role of heat shock protein 90 in modulating ischemiaâ€“reperfusion injury in the kidney. Expert Opinion on Investigational Drugs, 2012, 21, 1535-1548.	4.1	32
20	CXCR2: From Bench to Bedside. Frontiers in Immunology, 2012, 3, 263.	4.8	148
21	Glibenclamide Administration Attenuates Infarct Volume, Hemispheric Swelling, and Functional Impairments following Permanent Focal Cerebral Ischemia in Rats. Stroke Research and Treatment, 2012, 2012, 1-6.	0.8	43
23	Ischemia-Reperfusion Injury in Stroke. Interventional Neurology, 2012, 1, 185-199.	1.8	247
24	Calcium-mediated cell death during myocardial reperfusion. Cardiovascular Research, 2012, 94, 168-180.	3.8	243
25	Current World Literature. Current Opinion in Neurology, 2012, 25, 358-372.	3.6	0
26	Protective Effect of PNU-120596, a Selective Alpha7 Nicotinic Acetylcholine Receptorâ€“positive Allosteric Modulator, on Myocardial Ischemiaâ€“reperfusion Injury in Rats. Journal of Cardiovascular Pharmacology, 2012, 59, 507-513.	1.9	22
27	Hydrogen-Rich University of Wisconsin Solution Attenuates Renal Cold Ischemiaâ€“Reperfusion Injury. Transplantation, 2012, 94, 14-21.	1.0	49
28	Equilibrative nucleoside transporter 1 (ENT1) regulates postischemic blood flow during acute kidney injury in mice. Journal of Clinical Investigation, 2012, 122, 693-710.	8.2	99
29	(Almost) Everything is Illuminated. Circulation Research, 2012, 111, 965-966.	4.5	4
30	The A's and B's of the ABC's of stroke mechanisms and recurrence in pediatric ischemic stroke. Neurology, 2012, 79, 2084-2085.	1.1	3
31	Ischaemia, reperfusion, preâ€“and postâ€“conditioning: telling friend from foe. Acta Physiologica, 2012, 206, 157-159.	3.8	2
32	Genetically Induced Moderate Inhibition of the Proteasome in Cardiomyocytes Exacerbates Myocardial Ischemia-Reperfusion Injury in Mice. Circulation Research, 2012, 111, 532-542.	4.5	100
33	Purinergic Signaling during Inflammation. New England Journal of Medicine, 2012, 367, 2322-2333.	27.0	579
34	Hypoxia-inducible factor-1 alphaâ€“dependent induction of FoxP3 drives regulatory T-cell abundance and function during inflammatory hypoxia of the mucosa. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2784-93.	7.1	455
35	Embryonic wound healing: A primer for engineering novel therapies for tissue repair. Birth Defects Research Part C: Embryo Today Reviews, 2012, 96, 258-270.	3.6	30
36	Anti-inflammatory effects of purine nucleosides, adenosine and inosine, in a mouse model of pleurisy: evidence for the role of adenosine A2 receptors. Purinergic Signalling, 2012, 8, 693-704.	2.2	59
37	Regulation of mitochondrial function and energetics by reactive nitrogen oxides. Free Radical Biology and Medicine, 2012, 53, 1919-1928.	2.9	73

#	ARTICLE	IF	CITATIONS
38	A single injection of liposomal asialo-erythropoietin improves motor function deficit caused by cerebral ischemia/reperfusion. <i>International Journal of Pharmaceutics</i> , 2012, 439, 269-274.	5.2	35
39	Mechanisms of Periodic Acceleration Induced Endothelial Nitric Oxide Synthase (eNOS) Expression and Upregulation Using an In Vitro Human Aortic Endothelial Cell Model. <i>Cardiovascular Engineering and Technology</i> , 2012, 3, 292-301.	1.6	14
40	Loss of the Oxygen Sensor PHD3 Enhances the Innate Immune Response to Abdominal Sepsis. <i>Journal of Immunology</i> , 2012, 189, 1955-1965.	0.8	70
41	Adora2b Adenosine Receptor Signaling Protects during Acute Kidney Injury via Inhibition of Neutrophil-Dependent TNF- α Release. <i>Journal of Immunology</i> , 2012, 189, 4566-4573.	0.8	39
42	Corticosteroid resistance in sepsis is influenced by microRNA-124-induced downregulation of glucocorticoid receptor- β *. <i>Critical Care Medicine</i> , 2012, 40, 2745-2753.	0.9	116
43	Reversible induction of PARP1 degradation by p53-inducible cis-imidazoline compounds. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 15-19.	2.1	9
44	Reduction of DNA hydroxymethylation in the mouse kidney insulted by ischemia reperfusion. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 697-702.	2.1	60
45	Self-assembled complex of probe peptide α -E. Coli RNA I conjugate and nano graphene oxide for apoptosis diagnosis. <i>Biomaterials</i> , 2012, 33, 7556-7564.	11.4	21
46	Novel therapeutic strategies targeting innate immune responses and early inflammation after stroke. <i>Journal of Neurochemistry</i> , 2012, 123, 29-38.	3.9	124
47	Purinergic P2Y2 Receptors Promote Neutrophil Infiltration and Hepatocyte Death in Mice With Acute Liver Injury. <i>Gastroenterology</i> , 2012, 143, 1620-1629.e4.	1.3	75
48	Dipeptidyl peptidase 4 as a therapeutic target in ischemia/reperfusion injury. , 2012, 136, 267-282.		53
49	Regulation of Atherosclerosis and Associated Risk Factors by Adenosine and Adenosine Receptors. <i>Current Atherosclerosis Reports</i> , 2012, 14, 460-468.	4.8	34
50	Inhibition of NF- κ B activation is associated with anti-inflammatory and anti-apoptotic effects of Ginkgolide B in a mouse model of cerebral ischemia/reperfusion injury. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 652-660.	4.0	119
51	The Uncoordinated-5 Homolog B Receptor Affects Hepatic Ischemia Reperfusion Injury. <i>PLoS ONE</i> , 2012, 7, e41085.	2.5	5
52	Targeting Cell Signaling and Apoptotic Pathways by Luteolin: Cardioprotective Role in Rat Cardiomyocytes Following Ischemia/Reperfusion. <i>Nutrients</i> , 2012, 4, 2008-2019.	4.1	59
53	Combined Preconditioning and Postconditioning Provides Synergistic Protection against Liver Ischemic Reperfusion Injury. <i>International Journal of Biological Sciences</i> , 2012, 8, 707-718.	6.4	34
54	Models of CNS injury in the nonhuman primate: A new era for treatment strategies. <i>Translational Neuroscience</i> , 2012, 3, .	1.4	15
55	Adenosine Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 845-850.	2.4	29

#	ARTICLE	IF	CITATIONS
56	Hypoxia-inducible factor 1 transcriptional activity in endothelial cells is required for acute phase cardioprotection induced by ischemic preconditioning. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10504-10509.	7.1	89
57	Peroxiredoxin family proteins are key initiators of post-ischemic inflammation in the brain. Nature Medicine, 2012, 18, 911-917.	30.7	375
58	Anti-inflammatory mechanisms and therapeutic opportunities in myocardial infarct healing. Journal of Molecular Medicine, 2012, 90, 361-369.	3.9	57
59	Glucose reintroduction triggers the activation of Nrf2 during experimental ischemia reperfusion. Molecular and Cellular Biochemistry, 2012, 366, 231-238.	3.1	23
60	A zinc transporter protects from ischemia-reperfusion injury. Journal of Molecular Medicine, 2012, 90, 101-103.	3.9	0
61	Role of warm ischemia on innate and adaptive responses in a preclinical renal auto-transplanted porcine model. Journal of Translational Medicine, 2013, 11, 129.	4.4	17
62	Protective role for netrin-1 during diabetic nephropathy. Journal of Molecular Medicine, 2013, 91, 1071-1080.	3.9	27
63	Normobaric hyperoxia-based neuroprotective therapies in ischemic stroke. Medical Gas Research, 2013, 3, 2.	2.3	28
64	The Function of MicroRNAs in Renal Development and Pathophysiology. Journal of Genetics and Genomics, 2013, 40, 143-152.	3.9	42
65	Hypoxia-Induced Inflammation in the Lung. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 271-279.	2.9	75
66	Repression of the Equilibrative Nucleoside Transporters Dampens Inflammatory Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 296-305.	2.9	33
67	MiRNAs in kidney transplantation: potential role as new biomarkers. Expert Review of Molecular Diagnostics, 2013, 13, 93-104.	3.1	19
68	Sequential delivery of TAT-HSP27 and VEGF using microsphere/hydrogel hybrid systems for therapeutic angiogenesis. Journal of Controlled Release, 2013, 166, 38-45.	9.9	37
69	Glucagon-like peptide-1 (GLP-1) and protective effects in cardiovascular disease: a new therapeutic approach for myocardial protection. Cardiovascular Diabetology, 2013, 12, 90.	6.8	37
70	Calcified myocardial necrosis in pediatric patients after cardiopulmonary resuscitation. Forensic Science, Medicine, and Pathology, 2013, 9, 543-550.	1.4	6
71	Detection of MAPK signal transduction proteins in an ischemia/reperfusion model of mouse intestine using in vivo cryotechnique. Histochemistry and Cell Biology, 2013, 140, 491-505.	1.7	9
72	Mediators of inflammation after cardiac ischemia: The role of invariant natural killer T (iNKT) cells. Journal of Molecular and Cellular Cardiology, 2013, 63, 118-121.	1.9	0
73	A review on the role of quinones in renal disorders. SpringerPlus, 2013, 2, 139.	1.2	39

#	ARTICLE	IF	CITATIONS
74	Temporal dynamics of cardiac immune cell accumulation following acute myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 24-35.	1.9	447
75	Treatment of cerebral ischemiaâ€reperfusion injury with PEGylated liposomes encapsulating FK506. <i>FASEB Journal</i> , 2013, 27, 1362-1370.	0.5	68
76	The Bipolar Role of miR-466l in Inflammation. <i>Immunity</i> , 2013, 39, 801-802.	14.3	1
77	Managing renal transplant ischemia reperfusion injury: novel therapies in the pipeline. <i>Clinical Transplantation</i> , 2013, 27, 484-491.	1.6	37
78	Xenon treatment attenuates early renal allograft injury associated with prolonged hypothermic storage in rats. <i>FASEB Journal</i> , 2013, 27, 4076-4088.	0.5	29
79	Allâ€™s well that transcribes well: Non-coding RNAs and post-stroke brain damage. <i>Neurochemistry International</i> , 2013, 63, 438-449.	3.8	61
80	Hepatic Loss of miR-122 Predisposes Mice to Hepatobiliary Cyst and Hepatocellular Carcinoma upon Diethylnitrosamine Exposure. <i>American Journal of Pathology</i> , 2013, 183, 1719-1730.	3.8	26
81	Multistage histopathological image segmentation of Iba1-stained murine microglia in a focal ischemia model: Methodological workflow and expert validation. <i>Journal of Neuroscience Methods</i> , 2013, 213, 250-262.	2.5	16
83	Hypoxia-inducible factor 1 is required for remote ischemic preconditioning of the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17462-17467.	7.1	149
84	Animal Models of Myocardial Disease. , 2013, , 145-171.		7
85	Processes of Sterile Inflammation. <i>Journal of Immunology</i> , 2013, 191, 2857-2863.	0.8	159
86	Histones Activate the NLRP3 Inflammasome in Kupffer Cells during Sterile Inflammatory Liver Injury. <i>Journal of Immunology</i> , 2013, 191, 2665-2679.	0.8	189
87	Effect of Autologous Adipose-Derived Stem Cells in Renal Cold Ischemia and Reperfusion Injury. <i>Transplantation Proceedings</i> , 2013, 45, 3198-3202.	0.6	15
88	Proresolving and Tissue-Protective Actions of Annexin A1â€™Based Cleavage-Resistant Peptides Are Mediated by Formyl Peptide Receptor 2/Lipoxin A4 Receptor. <i>Journal of Immunology</i> , 2013, 190, 6478-6487.	0.8	89
89	Pre-conditioning with synthetic CpG-oligonucleotides attenuates myocardial ischemia/reperfusion injury via IL-10 up-regulation. <i>Basic Research in Cardiology</i> , 2013, 108, 376.	5.9	39
91	Ischemic Preconditioning and Tacrolimus Pretreatment as Strategies to Attenuate Intestinal Ischemia-Reperfusion Injury in Mice. <i>Transplantation Proceedings</i> , 2013, 45, 2480-2485.	0.6	10
92	Monoacylglycerol Lipase Controls Endocannabinoid and Eicosanoid Signaling and Hepatic Injury in Mice. <i>Gastroenterology</i> , 2013, 144, 808-817.e15.	1.3	116
93	Intravital imaging of ischemia and reperfusion. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
94	Innate immunity and organ transplantation: focus on lung transplantation. <i>Transplant International</i> , 2013, 26, 2-10.	1.6	60
95	Transcriptional control of adenosine signaling by hypoxia-inducible transcription factors during ischemic or inflammatory disease. <i>Journal of Molecular Medicine</i> , 2013, 91, 183-193.	3.9	100
96	Extracellular adenosine signaling in molecular medicine. <i>Journal of Molecular Medicine</i> , 2013, 91, 141-146.	3.9	63
97	Thioredoxins, Glutaredoxins, and Peroxiredoxins—Molecular Mechanisms and Health Significance: from Cofactors to Antioxidants to Redox Signaling. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1539-1605.	5.4	557
98	The role of monocyte subsets in myocutaneous revascularization. <i>Journal of Surgical Research</i> , 2013, 183, 963-975.	1.6	17
99	Plasma levels of neuron specific enolase quantify the extent of neuronal injury in murine models of ischemic stroke and multiple sclerosis. <i>Neurobiology of Disease</i> , 2013, 59, 177-182.	4.4	16
100	Role of mesenteric lymph pathway in the effects of exogenous somatostatin against early intestinal injury after ischemia—reperfusion in rats. <i>Neuropeptides</i> , 2013, 47, 237-243.	2.2	7
101	Donor simvastatin treatment and cardiac allograft ischemia/reperfusion injury. <i>Trends in Cardiovascular Medicine</i> , 2013, 23, 85-90.	4.9	9
102	Attenuating myocardial ischemia by targeting A2B adenosine receptors. <i>Trends in Molecular Medicine</i> , 2013, 19, 345-354.	6.7	100
103	Effects of sodium hydrosulfide on intestinal mucosal injury in a rat model of cardiac arrest and cardiopulmonary resuscitation. <i>Life Sciences</i> , 2013, 93, 24-29.	4.3	18
104	Inhibition of protein translation as a mechanism of acidotic pH protection against ischaemic injury through inhibition of CREB mediated tRNA synthetase expression. <i>Experimental Cell Research</i> , 2013, 319, 3116-3127.	2.6	7
105	Involvement of K ⁺ channel-dependant pathways in lipoxin A4-induced protective effects on hypoxia/reoxygenation injury of cardiomyocytes. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 391-397.	2.2	13
106	Hypoxia and hypoxia-inducible factors as regulators of T cell development, differentiation, and function. <i>Immunologic Research</i> , 2013, 55, 58-70.	2.9	211
107	Vitamin D Inflammatory Cytokines and Coronary Events: A Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2013, 45, 236-247.	6.5	64
108	Lung Ischemia Reperfusion Injury. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2013, 17, 28-43.	1.0	97
109	Mesenchymal stem cell exosome ameliorates reperfusion injury through proteomic complementation. <i>Regenerative Medicine</i> , 2013, 8, 197-209.	1.7	111
110	Omega-3 fatty acids in neurodegenerative diseases: Focus on mitochondria. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 105-114.	2.2	85
111	Ischaemia—reperfusion injury in liver transplantation—from bench to bedside. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 79-89.	17.8	633

#	ARTICLE	IF	CITATIONS
112	Adenosine receptors as drug targets – what are the challenges?. Nature Reviews Drug Discovery, 2013, 12, 265-286.	46.4	721
113	Prion-like mechanisms in epileptogenesis. Neurological Sciences, 2013, 34, 1035-1038.	1.9	5
114	Biology of Human Pentraxin 3 (PTX3) in Acute and Chronic Kidney Disease. Journal of Clinical Immunology, 2013, 33, 881-890.	3.8	40
115	Novel signalling mechanisms and targets in renal ischaemia and reperfusion injury. Acta Physiologica, 2013, 208, 25-40.	3.8	54
116	The emerging roles of microRNAs in CNS injuries. Nature Reviews Neurology, 2013, 9, 328-339.	10.1	239
117	The histone deacetylase, SIRT1, contributes to the resistance of young mice to ischemia/reperfusion-induced acute kidney injury. Kidney International, 2013, 83, 404-413.	5.2	124
118	Inhibition of a SNARE-Sensitive Pathway in Astrocytes Attenuates Damage following Stroke. Journal of Neuroscience, 2013, 33, 4234-4240.	3.6	45
119	The Complement Cascade in Kidney Disease: From Sideline to Center Stage. American Journal of Kidney Diseases, 2013, 62, 604-614.	1.9	17
120	Crosstalk between the equilibrative nucleoside transporter ENT2 and alveolar Adora2b adenosine receptors dampens acute lung injury. FASEB Journal, 2013, 27, 3078-3089.	0.5	95
121	Resolution of inflammation: Mechanisms and opportunity for drug development. , 2013, 139, 189-212.		183
122	Strategies for optimizing the response of cancer and normal tissues to radiation. Nature Reviews Drug Discovery, 2013, 12, 526-542.	46.4	335
123	Ultrasound-mediated drug delivery for cardiovascular disease. Expert Opinion on Drug Delivery, 2013, 10, 573-592.	5.0	74
124	Plasma thioredoxin levels during post-cardiac arrest syndrome: relationship with severity and outcome. Critical Care, 2013, 17, R18.	5.8	11
125	Cyclic arginine-glycine-aspartate attenuates acute lung injury in mice after intestinal ischemia/reperfusion. Critical Care, 2013, 17, R19.	5.8	29
126	Functional Role of Soluble Receptor for Advanced Glycation End Products in Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 585-594.	2.4	72
127	Functional proteomics reveals the protective effects of saffron ethanolic extract on hepatic ischemia/reperfusion injury. Proteomics, 2013, 13, 2297-2311.	2.2	19
128	Protection Against Renal Ischemia-Reperfusion Injury by Ischemic Postconditioning. Transplantation, 2013, 95, 1299-1305.	1.0	41
129	An insert-based enzymatic cell culture system to rapidly and reversibly induce hypoxia: investigations of hypoxia-induced cell damage, protein expression and phosphorylation in neuronal IMR-32 cells. DMM Disease Models and Mechanisms, 2013, 6, 1507-14.	2.4	19

#	ARTICLE	IF	CITATIONS
130	Renoprotective mechanisms of ischemic postconditioning in ischemia-reperfusion injury: improved mitochondrial function and integrity. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2667-2669.	0.7	2
131	FTY720 Ameliorates Acute Ischemic Stroke in Mice by Reducing Thrombo-Inflammation but Not by Direct Neuroprotection. <i>Stroke</i> , 2013, 44, 3202-3210.	2.0	164
132	Disruption of TAB1/p38 β Interaction Using a Cell-permeable Peptide Limits Myocardial Ischemia/Reperfusion Injury. <i>Molecular Therapy</i> , 2013, 21, 1668-1677.	8.2	24
134	Deletion of the ageing gene p66Shc reduces early stroke size following ischaemia/reperfusion brain injury. <i>European Heart Journal</i> , 2013, 34, 96-103.	2.2	72
135	Anoxia-Reoxygenation Regulates Mitochondrial Dynamics through the Hypoxia Response Pathway, SKN-1/Nrf, and Stomatin-Like Protein STL-1/SLP-2. <i>PLoS Genetics</i> , 2013, 9, e1004063.	3.5	48
136	Silencing of p53 RNA through transarterial delivery ameliorates renal tubular injury and downregulates GSK-3 β expression after ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F1617-F1627.	2.7	17
137	Tetrahydrobiopterin compounds modulate intracellular signaling and reactive oxygen species levels in an in vitro model of ischemia-reperfusion injury. <i>Pteridines</i> , 2013, 24, 225-235.	0.5	0
138	Cardiac Per2 Functions as Novel Link between Fatty Acid Metabolism and Myocardial Inflammation during Ischemia and Reperfusion Injury of the Heart. <i>PLoS ONE</i> , 2013, 8, e71493.	2.5	64
139	Effects and Mechanisms of Chinese Herbal Medicine in Ameliorating Myocardial Ischemia-Reperfusion Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	1.2	29
140	Obstructive Sleep Apnea and Coronary Artery Disease: From Pathophysiology to Clinical Implications. <i>Pulmonary Medicine</i> , 2013, 2013, 1-9.	1.9	39
141	Mast Cells and Intestinal Injury. <i>Critical Care Medicine</i> , 2013, 41, 2246-2248.	0.9	1
142	Emerging Roles of Propolis: Antioxidant, Cardioprotective, and Antiangiogenic Actions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	80
143	Hypoxic Regulation of Hand1 Controls the Fetal-Neonatal Switch in Cardiac Metabolism. <i>PLoS Biology</i> , 2013, 11, e1001666.	5.6	53
144	Galectin-3 and New-Onset CKD: Marker or Mediator?. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1342-1344.	6.1	9
145	Ischemia-reperfusion injury. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 34-43.	1.6	73
146	Ultrasonic Stimulation of the Cholinergic Anti-Inflammatory Pathway for Renal Protection. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1340-1342.	6.1	2
147	Angiopietin-like 4 and ischaemic stroke: a promising start. <i>European Heart Journal</i> , 2013, 34, 3603-3605.	2.2	2
148	H2O2-responsive molecularly engineered polymer nanoparticles as ischemia/reperfusion-targeted nanotherapeutic agents. <i>Scientific Reports</i> , 2013, 3, 2233.	3.3	112

#	ARTICLE	IF	CITATIONS
149	Prolonged cardiac arrest and resuscitation by extracorporeal life support: favourable outcome without preceding anticoagulation in an experimental setting. <i>Perfusion</i> (United Kingdom), 2013, 28, 520-528.	1.0	16
150	Ratiometric luminescence 2D <i>in vivo</i> imaging and monitoring of mouse skin oxygenation. <i>Methods and Applications in Fluorescence</i> , 2013, 1, 045002.	2.3	30
151	Effect of large colon ischemia and reperfusion on concentrations of calprotectin and other clinicopathologic variables in jugular and colonic venous blood in horses. <i>American Journal of Veterinary Research</i> , 2013, 74, 1281-1290.	0.6	9
152	Functional characterization of isolated, perfused outermedullary descending human vasa recta. <i>Acta Physiologica</i> , 2013, 208, 50-56.	3.8	9
153	Neuropeptide Y Gene Promoter -399T/C Polymorphism Increases Risk of Ischemic Stroke. <i>Balkan Medical Journal</i> , 2013, 30, 147-150.	0.8	3
154	Cytochrome P450 Drives a HIF-Regulated Behavioral Response to Reoxygenation by <i>C. elegans</i> . <i>Science</i> , 2013, 341, 554-558.	12.6	32
155	Acetylcholine Attenuates Hypoxia/ Reoxygenation-Induced Mitochondrial and Cytosolic ROS Formation in H9c2 Cells via M2 Acetylcholine Receptor. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 189-198.	1.6	51
156	Cooperative role of endogenous leucotrienes and platelet-activating factor in ischaemia-reperfusion-mediated tissue injury. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 1554-1565.	3.6	21
157	One-year results of a prospective, randomized trial comparing two machine perfusion devices used for kidney preservation. <i>Transplant International</i> , 2013, 26, 1088-1096.	1.6	20
158	Biological Implications of Extracellular Adenosine in Hepatic Ischemia and Reperfusion Injury. <i>American Journal of Transplantation</i> , 2013, 13, 2524-2529.	4.7	19
159	Mesenchymal Stromal Cells in Transplantation Rejection and Tolerance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a015560-a015560.	6.2	83
160	Hypoxia and inflammation are two sides of the same coin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18351-18352.	7.1	168
161	Xenon Treatment Protects Against Cold Ischemia Associated Delayed Graft Function and Prolongs Graft Survival in Rats. <i>American Journal of Transplantation</i> , 2013, 13, 2006-2018.	4.7	50
162	Donor pre-treatment in clinical kidney transplantation: a critical appraisal. <i>Clinical Transplantation</i> , 2013, 27, 799-808.	1.6	15
163	Concise review: Mesenchymal stem cell treatment for ischemic kidney disease. <i>Stem Cells</i> , 2013, 31, 1731-1736.	3.2	58
164	Differential Effects of Pharmacological HIF Preconditioning of Donors Versus Recipients in Rat Cardiac Allografts. <i>American Journal of Transplantation</i> , 2013, 13, 600-610.	4.7	16
165	Sodium tanshinone <i>IIA</i> silicate inhibits oxygen-glucose deprivation/recovery-induced cardiomyocyte apoptosis via suppression of the <i>NF-κB/TNF-α</i> pathway. <i>British Journal of Pharmacology</i> , 2013, 169, 1058-1071.	5.4	52
166	Human renal stem/progenitor cells repair tubular epithelial cell injury through TLR2-driven inhibin-A and microvesicle-shuttled decorin. <i>Kidney International</i> , 2013, 83, 392-403.	5.2	57

#	ARTICLE	IF	CITATIONS
167	Signal transducer and activator of transcription-1 localizes to the mitochondria and modulates mitophagy. <i>Jak-stat</i> , 2013, 2, e25666.	2.2	31
168	Boosting Regulatory T Cells Limits Neuroinflammation in Permanent Cortical Stroke. <i>Journal of Neuroscience</i> , 2013, 33, 17350-17362.	3.6	171
169	Signaling through hepatocellular A2B adenosine receptors dampens ischemia and reperfusion injury of the liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12012-12017.	7.1	37
170	CD73 ⁺ regulatory T cells contribute to adenosine-mediated resolution of acute lung injury. <i>FASEB Journal</i> , 2013, 27, 2207-2219.	0.5	99
171	A novel strategy for preserving renal grafts in an <i>ex vivo</i> setting: potential for enhancing the marginal donor pool. <i>FASEB Journal</i> , 2013, 27, 4822-4833.	0.5	17
172	Two independent pathways of regulated necrosis mediate ischemia-reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12024-12029.	7.1	485
173	The CXCR1/2 ligand NAP-2 promotes directed intravascular leukocyte migration through platelet thrombi. <i>Blood</i> , 2013, 121, 4555-4566.	1.4	113
174	A vasculo-protective circuit centered on lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 operative in murine microcirculation. <i>Blood</i> , 2013, 122, 608-617.	1.4	80
175	Targeting Purinergic Signaling for Perioperative Organ Protection. <i>Anesthesiology</i> , 2013, 118, 1001-1004.	2.5	8
176	Novel Insights into the Pervasive Role of M3 Muscarinic Receptor in Cardiac Diseases. <i>Current Drug Targets</i> , 2013, 14, 372-377.	2.1	15
177	Intravital Imaging of Neutrophil Recruitment in Hepatic Ischemia-Reperfusion Injury in Mice. <i>Transplantation</i> , 2013, 95, 551-558.	1.0	50
178	Cardiotrophin-1 Administration Protects from Ischemia-Reperfusion Renal Injury and Inflammation. <i>Transplantation</i> , 2013, 96, 1034-1042.	1.0	20
179	Regulation of Molecular Pathways in Ischemia-Reperfusion Injury After Liver Transplantation. <i>Transplantation</i> , 2013, 96, 926-934.	1.0	20
180	Pro-Inflammatory Phenotype Induced by Maternal Immune Stimulation During Pregnancy. , 2013, , .		2
181	Exosome: A Novel and Safer Therapeutic Refinement of Mesenchymal Stem Cell. <i>Exosomes and Microvesicles</i> , 2013, , 1.	1.9	36
182	Honokiol protects rat hearts against myocardial ischemia reperfusion injury by reducing oxidative stress and inflammation. <i>Experimental and Therapeutic Medicine</i> , 2013, 5, 315-319.	1.8	42
183	Local and remote ischemic preconditioning protect against intestinal ischemic/reperfusion injury after supraceliac aortic clamping. <i>Clinics</i> , 2013, 68, 1548-1554.	1.5	26
184	Impact of Ischemia on Cellular Metabolism. , 0, , .		8

#	ARTICLE	IF	CITATIONS
186	High Temporal Resolution Parametric MRI Monitoring of the Initial Ischemia/Reperfusion Phase in Experimental Acute Kidney Injury. PLoS ONE, 2013, 8, e57411.	2.5	51
187	Lipoxin A4-Induced Heme Oxygenase-1 Protects Cardiomyocytes against Hypoxia/Reoxygenation Injury via p38 MAPK Activation and Nrf2/ARE Complex. PLoS ONE, 2013, 8, e67120.	2.5	42
188	TLR2 and TLR4 in the Brain Injury Caused by Cerebral Ischemia and Reperfusion. Mediators of Inflammation, 2013, 2013, 1-8.	3.0	109
189	Perioperative Organ Injury. Anesthesiology, 2013, 119, 1474-1489.	2.5	152
190	The Anti-Oxidative Role of Micro-Vesicles Derived from Human Wharton-Jelly Mesenchymal Stromal Cells through NOX2/gp91(phox) Suppression in Alleviating Renal Ischemia-Reperfusion Injury in Rats. PLoS ONE, 2014, 9, e92129.	2.5	104
191	Resistance to Systemic Inflammation and Multi Organ Damage after Global Ischemia/Reperfusion in the Arctic Ground Squirrel. PLoS ONE, 2014, 9, e94225.	2.5	43
192	The Early Activation of Toll-Like Receptor (TLR)-3 Initiates Kidney Injury after Ischemia and Reperfusion. PLoS ONE, 2014, 9, e94366.	2.5	30
193	HIF-1 α Signaling Activation by Post-Ischemia Treatment with Astragaloside IV Attenuates Myocardial Ischemia-Reperfusion Injury. PLoS ONE, 2014, 9, e107832.	2.5	46
194	Apaf-1 Inhibitors Protect from Unwanted Cell Death in In Vivo Models of Kidney Ischemia and Chemotherapy Induced Ototoxicity. PLoS ONE, 2014, 9, e110979.	2.5	22
195	Examination of Physiological Function and Biochemical Disorders in a Rat Model of Prolonged Asphyxia-Induced Cardiac Arrest followed by Cardio Pulmonary Bypass Resuscitation. PLoS ONE, 2014, 9, e112012.	2.5	18
196	Ischemia-Reperfusion Injury and Anesthesia. BioMed Research International, 2014, 2014, 1-3.	1.9	11
198	Role of Pannexin-1 hemichannels and purinergic receptors in the pathogenesis of human diseases. Frontiers in Physiology, 2014, 5, 96.	2.8	73
199	Stem Cell-Based Approach to Immunomodulation. , 2014, , 855-864.		0
200	Targeting of the Adenosine Receptors as A Novel Strategy for the Treatment of Arterial Hypertension. Journal of Neurology & Neurophysiology, 2014, 05, .	0.1	1
201	Pathophysiology of Sickle Cell Disease. , 2014, , .		1
203	Ischemic neurons recruit natural killer cells that accelerate brain infarction. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2704-2709.	7.1	216
204	Cardiovascular Drug Discovery: A Perspective from a Research-Based Pharmaceutical Company. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a014092-a014092.	6.2	13
205	Effects of warm ischaemia combined with cold preservation on the hypoxia-inducible factor 1 α pathway in an experimental renal autotransplantation model. British Journal of Surgery, 2014, 101, 1739-1750.	0.3	13

#	ARTICLE	IF	CITATIONS
206	Combination of mild hypothermia with neuroprotectants has greater neuroprotective effects during oxygen-glucose deprivation and reoxygenation-mediated neuronal injury. <i>Scientific Reports</i> , 2014, 4, 7091.	3.3	39
207	Sparstolonin B Attenuates Hypoxia-Induced Apoptosis, Necrosis and Inflammation in Cultured Rat Left Ventricular Tissue Slices. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 433-439.	2.6	14
208	How has urinary proteomics contributed to the discovery of early biomarkers of acute kidney injury?. <i>Expert Review of Proteomics</i> , 2014, 11, 415-424.	3.0	4
209	Complement C5a exacerbates acute lung injury induced through autophagy-mediated alveolar macrophage apoptosis. <i>Cell Death and Disease</i> , 2014, 5, e1330-e1330.	6.3	74
210	Restoration of autophagic flux in myocardial tissues is required for cardioprotection of sevoflurane postconditioning in rats. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 758-769.	6.1	32
211	Extracellular nucleotide and nucleoside signaling in vascular and blood disease. <i>Blood</i> , 2014, 124, 1029-1037.	1.4	119
212	Tissue Plasminogen Activator Promotes Postischemic Neutrophil Recruitment via Its Proteolytic and Nonproteolytic Properties. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1495-1504.	2.4	44
213	CYP-13A12 of the nematode <i>Caenorhabditis elegans</i> is a PUFA-epoxygenase involved in behavioural response to reoxygenation. <i>Biochemical Journal</i> , 2014, 464, 61-71.	3.7	10
214	Cell-cell interactions and bronchoconstrictor eicosanoid reduction with inhaled carbon monoxide and resolvin D1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L746-L757.	2.9	36
215	Guidance Cue Netrin-1 and the Regulation of Inflammation in Acute and Chronic Kidney Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	32
216	Up-regulation of brain-enriched miR-107 promotes excitatory neurotoxicity through down-regulation of glutamate transporter-1 expression following ischaemic stroke. <i>Clinical Science</i> , 2014, 127, 679-689.	4.3	78
217	Phosphatase Wip1 as a new therapeutic target for intestinal ischemia-reperfusion injury. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1591-1595.	3.0	7
218	Sparstolonin B attenuates hypoxia-induced reoxygenation-induced cardiomyocyte inflammation. <i>Experimental Biology and Medicine</i> , 2014, 239, 376-384.	2.4	19
219	Calcium-activated potassium channels in ischemia reperfusion: a brief update. <i>Frontiers in Physiology</i> , 2014, 5, 381.	2.8	20
220	The transcription factor HoxB5 stimulates vascular remodelling in a cytokine-dependent manner. <i>Cardiovascular Research</i> , 2014, 101, 247-255.	3.8	17
221	Heart-Targeted Nanoscale Drug Delivery Systems. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2038-2062.	1.1	37
222	Heat-shock protein-70 and regulatory T cell-mediated protection from ischemic injury. <i>Kidney International</i> , 2014, 85, 5-7.	5.2	13
223	Intracellular signaling cascades following light irradiation. <i>Laser and Photonics Reviews</i> , 2014, 8, 115-130.	8.7	27

#	ARTICLE	IF	CITATIONS
224	Effects of sildenafil on nanostructural and nanomechanical changes in mitochondria in an ischaemiaâ€reperfusion rat model. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 763-768.	1.9	10
225	Effects of GDNFâ€Loaded Injectable Gelatinâ€Based Hydrogels on Endogenous Neural Progenitor Cell Migration. Advanced Healthcare Materials, 2014, 3, 761-774.	7.6	44
226	Dimethyl Sulfoxide Attenuates Hydrogen Peroxideâ€Induced Injury in Cardiomyocytes via Heme Oxygenaseâ€1. Journal of Cellular Biochemistry, 2014, 115, 1159-1165.	2.6	15
227	Amniotic Fluid-Derived Mesenchymal Stem Cells Prevent Fibrosis and Preserve Renal Function in a Preclinical Porcine Model of Kidney Transplantation. Stem Cells Translational Medicine, 2014, 3, 809-820.	3.3	66
229	Endogenous Memory CD8 T Cells Directly Mediate Cardiac Allograft Rejection. American Journal of Transplantation, 2014, 14, 568-579.	4.7	57
230	Transplantation and inflammation: implications for the modification of chemokine function. Immunology, 2014, 143, 138-145.	4.4	38
231	Kidney graft outcome using an anti-Xa therapeutic strategy in an experimental model of severe ischaemiaâ€reperfusion injury. British Journal of Surgery, 2014, 102, 132-142.	0.3	28
232	Inflammatory triggers of acute rejection of organ allografts. Immunological Reviews, 2014, 258, 132-144.	6.0	105
233	5-Hydroxymethylcytosine and disease. Mutation Research - Reviews in Mutation Research, 2014, 762, 167-175.	5.5	44
234	Atorvastatin Improves Survival of Implanted Stem Cells in a Rat Model of Renal Ischemia-Reperfusion Injury. American Journal of Nephrology, 2014, 39, 466-475.	3.1	30
235	Heat-Shock Proteins and Acute Ischaemic Kidney Injury. Nephron Experimental Nephrology, 2014, 126, 167-174.	2.2	45
236	Analysis of the kinetic characteristics of lactate dehydrogenase from the rat brain during ischemia and reperfusion. Neurochemical Journal, 2014, 8, 265-270.	0.5	6
237	The role of complement in the pathogenesis of renal ischemia-reperfusion injury and fibrosis. Fibrogenesis and Tissue Repair, 2014, 7, 16.	3.4	81
238	Neuroprotective effects of bilobalide on cerebral ischemia and reperfusion injury are associated with inhibition of pro-inflammatory mediator production and down-regulation of JNK1/2 and p38 MAPK activation. Journal of Neuroinflammation, 2014, 11, 167.	7.2	122
239	Current Status of Allograft Tolerance in Intestinal Transplantation. International Reviews of Immunology, 2014, 33, 245-260.	3.3	7
240	Induced Hypothermia During Resuscitation From Hemorrhagic Shock Attenuates Microvascular Inflammation in the Rat Mesenteric Microcirculation. Shock, 2014, 42, 518-524.	2.1	10
241	About Dogs, Mice, and Men. Seminars in Cardiothoracic and Vascular Anesthesia, 2014, 18, 247-248.	1.0	3
242	Histological and immunohistochemical study on the possible protective effect of curcumin on intestinal ischemia/reperfusion-induced lung injury in albino rats. Egyptian Journal of Histology, 2014, 37, 16-23.	0.1	2

#	ARTICLE	IF	CITATIONS
243	The effect of ischemia/reperfusion on the kidney graft. Current Opinion in Organ Transplantation, 2014, 19, 395-400.	1.6	82
244	Pharmacologic Therapy That Simulates Conditioning for Cardiac Ischemic/Reperfusion Injury. Journal of Cardiovascular Pharmacology and Therapeutics, 2014, 19, 83-96.	2.0	71
246	Hypoxia signaling controls postnatal changes in cardiac mitochondrial morphology and function. Journal of Molecular and Cellular Cardiology, 2014, 74, 340-352.	1.9	82
247	The Innate Immune System After Ischemic Injury. JAMA Neurology, 2014, 71, 233.	9.0	54
249	Enriched endogenous omega-3 fatty acids in mice protect against global ischemia injury. Journal of Lipid Research, 2014, 55, 1288-1297.	4.2	39
250	Intestinal Ischemia and Reperfusion: Consequences and Mechanisms. , 2014, , 1-22.		0
251	The Microbiota Protects against Ischemia/Reperfusion-Induced Intestinal Injury through Nucleotide-Binding Oligomerization Domain-Containing Protein 2 (NOD2) Signaling. American Journal of Pathology, 2014, 184, 2965-2975.	3.8	30
252	Cardioprotection: A Review of Current Practice in Global Ischemia and Future Translational Perspective. BioMed Research International, 2014, 2014, 1-11.	1.9	29
253	Detection of microcirculatory impairment by transcutaneous oxymetry monitoring during hemodialysis: an observational study. BMC Nephrology, 2014, 15, 4.	1.8	10
254	Effects of prolyl-hydroxylase inhibition and chronic intermittent hypoxia on synaptic transmission and plasticity in the rat CA1 and dentate gyrus. Neurobiology of Disease, 2014, 62, 8-17.	4.4	39
255	Selective inhibition of class I but not class IIb histone deacetylases exerts cardiac protection from ischemia reperfusion. Journal of Molecular and Cellular Cardiology, 2014, 72, 138-145.	1.9	72
256	Neuroprotective effect of nobiletin on cerebral ischemiaâ€reperfusion injury in transient middle cerebral artery-occluded rats. Brain Research, 2014, 1559, 46-54.	2.2	76
257	Oxygen Sensing, Hypoxia-Inducible Factors, and Disease Pathophysiology. Annual Review of Pathology: Mechanisms of Disease, 2014, 9, 47-71.	22.4	901
258	The protective effect of baicalin against renal ischemia-reperfusion injury through inhibition of inflammation and apoptosis. BMC Complementary and Alternative Medicine, 2014, 14, 19.	3.7	97
259	Pyrroloquinoline quinone inhibits oxygen/glucose deprivation-induced apoptosis by activating the PI3K/AKT pathway in cardiomyocytes. Molecular and Cellular Biochemistry, 2014, 386, 107-115.	3.1	32
260	Herbal Medicines for Ischemic Stroke: Combating Inflammation as Therapeutic Targets. Journal of NeuroImmune Pharmacology, 2014, 9, 313-339.	4.1	69
261	A p38MAPK/MK2 signaling pathway leading to redox stress, cell death and ischemia/reperfusion injury. Cell Communication and Signaling, 2014, 12, 6.	6.5	77
262	Clec12a Is an Inhibitory Receptor for Uric Acid Crystals that Regulates Inflammation in Response to Cell Death. Immunity, 2014, 40, 389-399.	14.3	158

#	ARTICLE	IF	CITATIONS
263	Ligustilide ameliorates neuroinflammation and brain injury in focal cerebral ischemia/reperfusion rats: involvement of inhibition of TLR4/peroxiredoxin 6 signaling. <i>Free Radical Biology and Medicine</i> , 2014, 71, 165-175.	2.9	115
264	Alkaline Phosphatase: A Possible Treatment for Sepsis-Associated Acute Kidney Injury in Critically Ill Patients. <i>American Journal of Kidney Diseases</i> , 2014, 63, 1038-1048.	1.9	71
265	Adipocytokine resistin correlates with oxidative stress and myocardial injury in patients undergoing cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 729-736.	1.4	31
266	Follistatin-like protein 1 enhances NLRP3 inflammasome-mediated IL-1 β secretion from monocytes and macrophages. <i>European Journal of Immunology</i> , 2014, 44, 1467-1479.	2.9	48
267	Nucleotide signalling during inflammation. <i>Nature</i> , 2014, 509, 310-317.	27.8	750
268	Renal Cells from Spermatogonial Germline Stem Cells Protect against Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 316-328.	6.1	27
269	MicroRNA-22 targeting CBP protects against myocardial ischemia-reperfusion injury through anti-apoptosis in rats. <i>Molecular Biology Reports</i> , 2014, 41, 555-561.	2.3	71
270	CO2 pneumoperitoneum increases secretory IgA levels in the gut compared with laparotomy in an experimental animal model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 1879-1885.	2.4	0
271	MicroRNAs in myocardial ischemia: identifying new targets and tools for treating heart disease. New frontiers for miR-medicine. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1439-1452.	5.4	34
272	Aag-initiated base excision repair promotes ischemia reperfusion injury in liver, brain, and kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4878-86.	7.1	38
273	Ischaemic accumulation of succinate controls reperfusion injury through mitochondrial ROS. <i>Nature</i> , 2014, 515, 431-435.	27.8	1,989
274	Succinate strikes. <i>Nature</i> , 2014, 515, 350-351.	27.8	14
275	Recombinant Tissue Plasminogen Activator Enhances Microglial Cell Recruitment after Stroke in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 802-812.	4.3	31
276	Targeting hypoxia signalling for the treatment of ischaemic and inflammatory diseases. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 852-869.	46.4	291
277	Hypoxia and ischemia-reperfusion: a B _K contribution?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H811-H817.	3.2	21
278	PGD2 DP1 receptor stimulation following stroke ameliorates cerebral blood flow and outcomes. <i>Neuroscience</i> , 2014, 279, 260-268.	2.3	14
279	Ischemia-reperfusion: From cell biology to acute kidney injury. <i>Progres En Urologie</i> , 2014, 24, S4-S12.	0.8	62
280	Stimulation of glucagon-like peptide-1 receptor through exendin-4 preserves myocardial performance and prevents cardiac remodeling in infarcted myocardium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E630-E643.	3.5	53

#	ARTICLE	IF	CITATIONS
281	Ischemia-reperfusion in the renal allograft: new clues in a cold-case. Progres En Urologie, 2014, 24, S1-S3.	0.8	1
282	Molecular Imaging of Ischemia and Reperfusion in Vivo with Mitochondrial Autofluorescence. Analytical Chemistry, 2014, 86, 5024-5031.	6.5	24
283	COX-2 Inhibition Improves Retinal Function in Rats' Ischemic Eyes. Journal of Ocular Pharmacology and Therapeutics, 2014, 30, 634-641.	1.4	3
284	Delayed kidney graft function: from mechanism to translation. Kidney International, 2014, 86, 251-258.	5.2	168
285	Polynomial algebra reveals diverging roles of the unfolded protein response in endothelial cells during ischemia-reperfusion injury. FEBS Letters, 2014, 588, 3062-3067.	2.8	6
286	Obestatin improves ischemia/reperfusion-induced renal injury in rats via its antioxidant and anti-apoptotic effects: Role of the nitric oxide. Peptides, 2014, 60, 23-31.	2.4	29
287	Adenosine Receptor Neurobiology: Overview. International Review of Neurobiology, 2014, 119, 1-49.	2.0	112
288	Renal telocytes contribute to the repair of ischemically injured renal tubules. Journal of Cellular and Molecular Medicine, 2014, 18, 1144-1156.	3.6	58
289	Molecular mechanisms of crystal-related kidney inflammation and injury. Implications for cholesterol embolism, crystalline nephropathies and kidney stone disease. Nephrology Dialysis Transplantation, 2014, 29, 507-514.	0.7	148
290	Association between plasma levels of hyaluronic acid and functional outcome in acute stroke patients. Journal of Neuroinflammation, 2014, 11, 101.	7.2	18
291	UNC5B Receptor Deletion Exacerbates Tissue Injury in Response to AKI. Journal of the American Society of Nephrology: JASN, 2014, 25, 239-249.	6.1	27
292	CD73-Dependent Generation of Adenosine and Endothelial Adora2b Signaling Attenuate Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 547-563.	6.1	40
293	Anti-inflammatory and Antiapoptotic Effects of Mesenchymal Stem Cells Transplantation in Rat Brain with Cerebral Ischemia. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 2598-2606.	1.6	38
294	Characterization of circulating microparticle-associated CD39 family ecto-nucleotidases in human plasma. Purinergic Signalling, 2014, 10, 611-618.	2.2	27
295	Role of Toll-like receptor-4 in renal graft ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2014, 306, F801-F811.	2.7	92
296	Î23 adrenergic receptor selective stimulation during ischemia/reperfusion improves cardiac function in translational models through inhibition of mPTP opening in cardiomyocytes. Basic Research in Cardiology, 2014, 109, 422.	5.9	63
297	Macrophages in solid organ transplantation. Vascular Cell, 2014, 6, 5.	0.2	28
298	The Effect of Mitochondrial Calcium Uniporter Opener Spermine on Diazoxide against Focal Cerebral Ischemia-Reperfusion Injury in Rats. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 303-309.	1.6	16

#	ARTICLE	IF	CITATIONS
299	The <scp>TIR</scp>â€domainâ€containing adapter inducing interferonâ€2â€dependent signaling cascade plays a crucial role in ischemiaâ€reperfusionâ€induced retinal injury, whereas the contribution of the myeloid differentiation primary response 88â€dependent signaling cascade is not as pivotal. European Journal of Neuroscience, 2014, 40, 2502-2512.	2.6	16
300	Bioreducible polymers for therapeutic gene delivery. Journal of Controlled Release, 2014, 190, 424-439.	9.9	64
301	GLP-1R activation for the treatment of stroke: Updating and future perspectives. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 233-242.	5.7	21
302	Clinically-relevant consecutive treatment with isoproterenol and adenosine protects the failing heart against ischaemia and reperfusion. Journal of Translational Medicine, 2014, 12, 139.	4.4	10
303	Putative role of protein kinase C in neurotoxic inflammation mediated by extracellular heat shock protein 70 after ischemia-reperfusion. Journal of Neuroinflammation, 2014, 11, 81.	7.2	39
304	First evidence of subclinical renal tubular injury during sickle-cell crisis. Orphanet Journal of Rare Diseases, 2014, 9, 67.	2.7	22
305	Angiogenic response following renal ischemia reperfusion injury: new players. Progres En Urologie, 2014, 24, S20-S25.	0.8	14
306	PI3KÎ inhibition reduces TNF secretion and neuroinflammation in a mouse cerebral stroke model. Nature Communications, 2014, 5, 3450.	12.8	54
308	Ischemic Preconditioning Affects Long-Term Cell Fate through DNA Damageâ€Related Molecular Signaling and Altered Proliferation. American Journal of Pathology, 2014, 184, 2779-2790.	3.8	8
309	Mesenchymal stromal cell therapy in conditions of renal ischaemia/reperfusion. Nephrology Dialysis Transplantation, 2014, 29, 1487-1493.	0.7	55
310	Mitochondrial Calcium Uniporter Opener Spermine Attenuates the Cerebral Protection of Diazoxide through Apoptosis in Rats. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 829-835.	1.6	9
311	Use of dextran sulfate in tourniquet-induced skeletal muscle reperfusion injury. Journal of Surgical Research, 2014, 187, 150-161.	1.6	12
312	MMP-9 deficiency shelters endothelial PECAM-1 expression and enhances regeneration of steatotic livers after ischemia and reperfusion injury. Journal of Hepatology, 2014, 60, 1032-1039.	3.7	51
313	Celastrol protects kidney against ischemiaâ€reperfusion-induced injury in rats. Journal of Surgical Research, 2014, 186, 398-407.	1.6	40
314	Ischemia-reperfusion Injury in Sickle Cell Anemia. Hematology/Oncology Clinics of North America, 2014, 28, 181-198.	2.2	111
315	Age-specific transcriptional response to stroke. Neurobiology of Aging, 2014, 35, 1744-1754.	3.1	31
316	Remote ischemic conditioning enhanced the early recovery ofÂrenal function in recipients after kidney transplantation: a randomized controlled trial. Journal of Surgical Research, 2014, 188, 303-308.	1.6	50
317	Elimination of warm ischemia using the Ice Bag Technique does not decrease delayed graft function. International Journal of Surgery, 2014, 12, 551-556.	2.7	18

#	ARTICLE	IF	CITATIONS
318	Nanotechnology for the Detection and Therapy of Stroke. <i>Advanced Healthcare Materials</i> , 2014, 3, 1703-1720.	7.6	52
319	The mechanisms of up-regulation of dendritic cell activity by oxidative stress. <i>Journal of Leukocyte Biology</i> , 2014, 96, 283-293.	3.3	26
320	Interleukin-37 ameliorates myocardial ischaemia/reperfusion injury in mice. <i>Clinical and Experimental Immunology</i> , 2014, 176, 438-451.	2.6	97
321	Combined remote ischemic preconditioning and local postconditioning on liver ischemiaâ€“reperfusion injury. <i>Journal of Surgical Research</i> , 2014, 192, 98-102.	1.6	24
322	<i>GNAS</i> Gene Variants Affect Î²-blockerâ€“related Survival after Coronary Artery Bypass Grafting. <i>Anesthesiology</i> , 2014, 120, 1109-1117.	2.5	9
325	Mouse model for myocardial injury caused by ischemia. <i>Biomedical Research and Therapy</i> , 2014, 1, .	0.6	0
326	Blood pressureâ€“targeted stepwise resuscitation for hemorrhagic shock in rats. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 771-778.	2.1	9
327	Helminths and Immunological Tolerance. <i>Transplantation</i> , 2014, 97, 127-132.	1.0	34
328	Neuroprotection of Early Locomotor Exercise Poststroke: Evidence From Animal Studies. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, 213-220.	0.5	22
329	Protective effects of icariin-mediated SIRT1/FOXO3 signaling pathway on intestinal ischemia/reperfusion-induced acute lung injury. <i>Molecular Medicine Reports</i> , 2015, 11, 269-276.	2.4	41
330	Minor Postoperative Increases of Creatinine Are Associated with Higher Mortality and Longer Hospital Length of Stay in Surgical Patients. <i>Anesthesiology</i> , 2015, 123, 1301-1311.	2.5	131
331	Magnetic Resonance Imaging Application in the Area of Mild and Acute Traumatic Brain Injury: Implication for Diagnostic Markers?. , 2015, , 358-369.		4
332	The HMGB1/RAGE axis triggers neutrophil-mediated injury amplification following necrosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 539-550.	8.2	307
333	Hydrogen Sulfide Attenuates the Recruitment of CD11b+Gr-1+ Myeloid Cells and Regulates Bax/Bcl-2 Signaling in Myocardial Ischemia Injury. <i>Scientific Reports</i> , 2014, 4, 4774.	3.3	32
334	Oxygen-Glucose Deprivation and Reoxygenation as an In Vitro Ischemia-Reperfusion Injury Model for Studying Blood-Brain Barrier Dysfunction. <i>Journal of Visualized Experiments</i> , 2015, , e52699.	0.3	34
335	Analysis of ischemia/reperfusion injury in timeâ€“zero biopsies predicts liver allograft outcomes. <i>Liver Transplantation</i> , 2015, 21, 487-499.	2.4	103
336	Ischemia/reperfusion, does temperature matter? Laboratory perspective. <i>Liver Transplantation</i> , 2015, 21, S1-S5.	2.4	0
337	Review of the Clinical Evidence and Controversies in Therapeutic Hypothermia for Survivors of Sudden Cardiac Death. <i>Proceedings of Singapore Healthcare</i> , 2015, 24, 42-53.	0.6	2

#	ARTICLE	IF	CITATIONS
338	Embolization of the first diagonal branch of the left anterior descending coronary artery as a porcine model of chronic trans-mural myocardial infarction. <i>Journal of Translational Medicine</i> , 2015, 13, 187.	4.4	14
339	Current advances in the novel functions of hypoxia-inducible factor and prolyl hydroxylase in invertebrates. <i>Insect Molecular Biology</i> , 2015, 24, 634-648.	2.0	14
340	Development of a liposomal drug delivery system for the treatment of ischemic stroke. <i>Drug Delivery System</i> , 2015, 30, 309-316.	0.0	2
341	Levosimendan exerts anti-inflammatory effects on cardiac myocytes and endothelial cells in vitro. <i>Thrombosis and Haemostasis</i> , 2015, 113, 350-362.	3.4	26
342	Procyanidin B2 attenuates neurological deficits and blood-brain barrier disruption in a rat model of cerebral ischemia. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1930-1941.	3.3	53
343	The therapeutic effect and mechanism of niacin on acute lung injury in a rat model of hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 247-255.	2.1	17
344	Nitric oxide as a surgical adjuvant. <i>Future Science OA</i> , 2015, 1, FSO56.	1.9	17
345	Alkaline phosphatase protects against renal inflammation through dephosphorylation of lipopolysaccharide and adenosine triphosphate. <i>British Journal of Pharmacology</i> , 2015, 172, 4932-4945.	5.4	65
346	Methane Attenuates Hepatic Ischemia/Reperfusion Injury in Rats Through Antiapoptotic, Anti-Inflammatory, and Antioxidative Actions. <i>Shock</i> , 2015, 44, 181-187.	2.1	65
347	The role of microRNAs in regulating myocardial ischemia reperfusion injury. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2015, 36, 787-793.	1.1	58
348	Update on ischemia-reperfusion injury in kidney transplantation: Pathogenesis and treatment. <i>World Journal of Transplantation</i> , 2015, 5, 52.	1.6	287
349	Orphan drugs for sickle vaso-occlusion: dawn of a new era of targeted treatment. <i>Orphan Drugs: Research and Reviews</i> , 2015, , 99.	0.6	4
350	Intra and postoperative evaluations of microcirculation and micro-rheological parameters in a rat model of musculocutaneous flap ischemia-reperfusion. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 551-560.	0.7	4
351	Wip1-Deficient Neutrophils Significantly Promote Intestinal Ischemia/Reperfusion Injury in Mice. <i>Current Molecular Medicine</i> , 2015, 15, 100-108.	1.3	19
352	Ischemia-reperfusion injury in kidney transplantation. <i>Frontiers in Bioscience - Elite</i> , 2015, 7, 134-154.	1.8	2
353	Effect of Electroacupuncture on Cell Apoptosis and ERK Signal Pathway in the Hippocampus of Adult Rats with Cerebral Ischemia-Reperfusion. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	1.2	41
354	The Effect of Pre-Condition Cerebella Fastigial Nucleus Electrical Stimulation within and beyond the Time Window of Thrombolytic on Ischemic Stroke in the Rats. <i>PLoS ONE</i> , 2015, 10, e0128447.	2.5	12
355	Matrix Metalloproteinase-2 (MMP-2) Gene Deletion Enhances MMP-9 Activity, Impairs PARP-1 Degradation, and Exacerbates Hepatic Ischemia and Reperfusion Injury in Mice. <i>PLoS ONE</i> , 2015, 10, e0137642.	2.5	25

#	ARTICLE	IF	CITATIONS
356	No Effect of Remote Ischemic Conditioning Strategies on Recovery from Renal Ischemia-Reperfusion Injury and Protective Molecular Mediators. PLoS ONE, 2015, 10, e0146109.	2.5	13
357	The role of actin-binding proteins in the control of endothelial barrier integrity. Thrombosis and Haemostasis, 2015, 113, 20-36.	3.4	111
358	Therapeutic inhibition of prolyl hydroxylase domain-containing enzymes in surgery: putative applications and challenges. Hypoxia (Auckland, N Z), 2015, 3, 1.	1.9	21
359	Triptolide attenuates cerebral ischemia and reperfusion injury in rats through the inhibition the nuclear factor kappa B signaling pathway. Neuropsychiatric Disease and Treatment, 2015, 11, 1395.	2.2	14
360	Oxidative Stress and Lung Ischemia-Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-14.	4.0	186
361	Additional Effects of Back-Shu Electroacupuncture and Moxibustion in Cardioprotection of Rat Ischemia-Reperfusion Injury. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	4
362	RC-3095, a Selective Gastrin-Releasing Peptide Receptor Antagonist, Does Not Protect the Lungs in an Experimental Model of Lung Ischemia-Reperfusion Injury. BioMed Research International, 2015, 2015, 1-7.	1.9	4
363	Ischemic Postconditioning and Subanesthetic S(+)-Ketamine Infusion: Effects on Renal Function and Histology in Rats. BioMed Research International, 2015, 2015, 1-8.	1.9	3
364	Inflammatory Response Mechanisms Exacerbating Hypoxemia in Coexistent Pulmonary Fibrosis and Sleep Apnea. Mediators of Inflammation, 2015, 2015, 1-13.	3.0	27
365	Ischemia-reperfusion injury in kidney transplantation. Frontiers in Bioscience - Elite, 2015, 7, 134-154.	1.8	14
366	Regulatory networks in retinal ischemia-reperfusion injury. BMC Genetics, 2015, 16, 43.	2.7	11
367	Postconditioning with simvastatin decreases myocardial injury in rats following acute myocardial ischemia. Experimental and Therapeutic Medicine, 2015, 9, 1166-1170.	1.8	11
368	Sirtuin 3 Mediates Neuroprotection of Ketones against Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1783-1789.	4.3	113
369	CYP2J2 and EETs Protect Against Lung Ischemia/Reperfusion Injury via Anti-Inflammatory Effects in Vivo and in Vitro. Cellular Physiology and Biochemistry, 2015, 35, 2043-2054.	1.6	45
370	The Science of Reconstructive Transplantation. Pancreatic Islet Biology, 2015, , .	0.3	3
371	Mesenchymal Stem Cells as Immune Modulators in VCA. Pancreatic Islet Biology, 2015, , 255-275.	0.3	0
372	Ischemia/Reperfusion: A Potential Cause for Tissue Necrosis. , 2015, , 9-17.		1
373	Sulfated Polysaccharide Isolated from the Sea Cucumber Stichopus japonicus Against PC12 Hypoxia/Reoxygenation Injury by Inhibition of the MAPK Signaling Pathway. Cellular and Molecular Neurobiology, 2015, 35, 1081-1092.	3.3	26

#	ARTICLE	IF	CITATIONS
374	B Cells Producing Pathogenic Autoantibodies. , 2015, , 417-439.		0
375	Challenges in early clinical drug development for ischemia-reperfusion injury in kidney transplantation. Expert Opinion on Drug Discovery, 2015, 10, 753-762.	5.0	9
376	Morphometric examination of mitochondrial ultrastructure in aging cardiomyocytes. Biochemistry (Moscow), 2015, 80, 604-609.	1.5	40
377	Activated Protein C Ameliorates Renal Ischemia-Reperfusion Injury by Restricting Y-Box Binding Protein-1 Ubiquitination. Journal of the American Society of Nephrology: JASN, 2015, 26, 2789-2799.	6.1	66
378	Bruton's tyrosine kinase is essential for NLRP3 inflammasome activation and contributes to ischaemic brain injury. Nature Communications, 2015, 6, 7360.	12.8	341
379	Lipocalin-2 released in response to cerebral ischaemia mediates reperfusion injury in mice. Journal of Cellular and Molecular Medicine, 2015, 19, 1637-1645.	3.6	54
380	Donor Hepatic Steatosis Induce Exacerbated Ischemia-Reperfusion Injury Through Activation of Innate Immune Response Molecular Pathways. Transplantation, 2015, 99, 2523-2533.	1.0	43
381	Critical review of resveratrol in xenobiotic-induced hepatotoxicity. Food and Chemical Toxicology, 2015, 86, 309-318.	3.6	46
382	Endoplasmic Reticulum Stress of Neutrophils Is Required for Ischemia/Reperfusion-Induced Acute Lung Injury. Journal of Immunology, 2015, 195, 4802-4809.	0.8	42
383	Beneficial and detrimental role of adenosine signaling in diseases and therapy. Journal of Applied Physiology, 2015, 119, 1173-1182.	2.5	67
384	Hypoxia signaling during acute lung injury. Journal of Applied Physiology, 2015, 119, 1157-1163.	2.5	48
385	Growth arrest-specific protein 6 protects against renal ischemia-reperfusion injury. Journal of Surgical Research, 2015, 199, 572-579.	1.6	19
386	Molecular Mechanisms of Renal Ischemic Conditioning Strategies. European Surgical Research, 2015, 55, 151-183.	1.3	23
387	Ligustrazine reduces blood-brain barrier permeability in a rat model of focal cerebral ischemia and reperfusion. Experimental and Therapeutic Medicine, 2015, 9, 1757-1762.	1.8	47
388	Leptin and Adiponectin During the First Week After Kidney Transplantation: Biomarkers of Graft Dysfunction?. Metabolism: Clinical and Experimental, 2015, 64, 202-207.	3.4	19
389	Nanotheragnostic Applications for Ischemic and Hemorrhagic Strokes: Improved Delivery for a Better Prognosis. Current Neurology and Neuroscience Reports, 2015, 15, 505.	4.2	17
390	A labdane diterpene exerts ex vivo and in vivo cardioprotection against post-ischemic injury: Involvement of AKT-dependent mechanisms. Biochemical Pharmacology, 2015, 93, 428-439.	4.4	10
391	Biochanin A protects against focal cerebral ischemia/reperfusion in rats via inhibition of p38-mediated inflammatory responses. Journal of the Neurological Sciences, 2015, 348, 121-125.	0.6	56

#	ARTICLE	IF	CITATIONS
392	Multifunctional Cell-Culture Platform for Aligned Cell Sheet Monitoring, Transfer Printing, and Therapy. <i>ACS Nano</i> , 2015, 9, 2677-2688.	14.6	72
393	Progranulin protects against renal ischemia/reperfusion injury in mice. <i>Kidney International</i> , 2015, 87, 918-929.	5.2	81
394	The faster the better: anastomosis time influences patient survival after deceased donor kidney transplantation. <i>Transplant International</i> , 2015, 28, 535-543.	1.6	38
395	Mechanisms of myocardial ischemia/reperfusion injury and the cytoprotective role of minocycline: scope and limitations. <i>Future Cardiology</i> , 2015, 11, 61-76.	1.2	52
396	MicroRNA-687 Induced by Hypoxia-Inducible Factor-1 Targets Phosphatase and Tensin Homolog in Renal Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1588-1596.	6.1	96
397	Efficacy of prophylactic flavan-3-ol in permanent focal ischemia in 12-mo-old mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H583-H591.	3.2	7
398	Longitudinal quantification of radical bursts during pulmonary ischaemia and reperfusion. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 622-629.	1.4	30
399	Post-myocardial Infarct Inflammation and the Potential Role of Cell Therapy. <i>Cardiovascular Drugs and Therapy</i> , 2015, 29, 59-73.	2.6	22
400	Strategies to optimize kidney recovery and preservation in transplantation: specific aspects in pediatric transplantation. <i>Pediatric Nephrology</i> , 2015, 30, 1243-1254.	1.7	6
401	Erythropoietin pretreatment ameliorates renal ischaemia/reperfusion injury by activating PI3K/Akt signalling. <i>Nephrology</i> , 2015, 20, 266-272.	1.6	42
402	MicroRNA 26a modulates regulatory T cells expansion and attenuates renal ischemia/reperfusion injury. <i>Molecular Immunology</i> , 2015, 65, 321-327.	2.2	28
403	Activation of the Nrf2 defense pathway contributes to neuroprotective effects of phloretin on oxidative stress injury after cerebral ischemia/reperfusion in rats. <i>Journal of the Neurological Sciences</i> , 2015, 351, 88-92.	0.6	95
404	Non-NMDAR neuronal Ca^{2+} permeable channels in delayed neuronal death and as potential therapeutic targets for ischemic brain damage. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 879-892.	3.4	21
405	Picoside II protects rat kidney against ischemia/reperfusion-induced oxidative stress and inflammation by the TLR4/NF- κ B pathway. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 1253-1258.	1.8	40
406	FTY720 mitigates torsion/detorsion-induced testicular injury in rats. <i>Journal of Surgical Research</i> , 2015, 196, 325-331.	1.6	13
407	Differential Tissue-Specific Function of Adora2b in Cardioprotection. <i>Journal of Immunology</i> , 2015, 195, 1732-1743.	0.8	34
408	Neuroprotective effects of bisperoxovanadium on cerebral ischemia by inflammation inhibition. <i>Neuroscience Letters</i> , 2015, 602, 120-125.	2.1	29
409	Protection of intravenous HMGB1 on myocardial ischemia reperfusion injury. <i>International Journal of Cardiology</i> , 2015, 184, 280-282.	1.7	8

#	ARTICLE	IF	CITATIONS
410	Hypoxia-induced force increase (HIFI) is a novel mechanism underlying the strengthening of labor contractions, produced by hypoxic stresses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9763-9768.	7.1	46
411	Identification of resolvin D2 receptor mediating resolution of infections and organ protection. Journal of Experimental Medicine, 2015, 212, 1203-1217.	8.5	320
412	Association of incident obstructive sleep apnoea with outcomes in a large cohort of US veterans. Thorax, 2015, 70, 888-895.	5.6	120
413	Role of Hydrogen Sulfide in Ischemia-Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-16.	4.0	283
414	Hypoxia/Reoxygenation Inhibits P2Y11 Receptor Expression and Its Immunosuppressive Activity in Human Dendritic Cells. Journal of Immunology, 2015, 195, 651-660.	0.8	32
415	Graphene Oxide Flakes as a Cellular Adhesive: Prevention of Reactive Oxygen Species Mediated Death of Implanted Cells for Cardiac Repair. ACS Nano, 2015, 9, 4987-4999.	14.6	203
416	Amitriptyline pharmacologically preconditions rat hearts against cardiac ischemicâ€“reperfusion injury. International Journal of Cardiology, 2015, 190, 353-359.	1.7	10
417	Evidence for a Profound Remodeling of Skeletal Muscle and Its Microvasculature in Sickle Cell Anemia. American Journal of Pathology, 2015, 185, 1448-1456.	3.8	37
418	Ischemia-Reperfusion Injury in Liver Transplantation. , 2015, , 1438-1451.		0
419	Overexpression of glyceraldehyde 3â€“phosphate dehydrogenase prevents neurovascular degeneration after retinal injury. FASEB Journal, 2015, 29, 2749-2758.	0.5	26
420	TIPE2 acts as a negative regulator linking NOD2 and inflammatory responses in myocardial ischemia/reperfusion injury. Journal of Molecular Medicine, 2015, 93, 1033-1043.	3.9	32
421	Protective effects of three remote ischemic conditioning procedures against renal ischemic/reperfusion injury in rat kidneys: a comparative study. Irish Journal of Medical Science, 2015, 184, 647-653.	1.5	17
422	Identification of lipocalin-2 as a PKCÎ³ phosphorylation substrate in neutrophils. Journal of Biomedical Science, 2015, 22, 21.	7.0	15
423	Vascular-Resident CD169-Positive Monocytes and Macrophages Control Neutrophil Accumulation in the Kidney with Ischemia-Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 896-906.	6.1	83
424	Effects of inhalation of low-dose nitrite or carbon monoxide on post-reperfusion mitochondrial function and tissue injury in hemorrhagic shock swine. Critical Care, 2015, 19, 184.	5.8	10
425	Purinergic signaling modulates human visceral adipose inflammatory responses: implications in metabolically unhealthy obesity. Journal of Leukocyte Biology, 2015, 97, 941-949.	3.3	17
426	Haptoglobin Enhances Cardiac Transplant Rejection. Circulation Research, 2015, 116, 1670-1679.	4.5	16
428	Dioscin ameliorates cerebral ischemia/reperfusion injury through the downregulation of TLR4 signaling via HMGB-1 inhibition. Free Radical Biology and Medicine, 2015, 84, 103-115.	2.9	119

#	ARTICLE	IF	CITATIONS
429	MG53-mediated cell membrane repair protects against acute kidney injury. <i>Science Translational Medicine</i> , 2015, 7, 279ra36.	12.4	103
430	Platelet G _i protein G _{i2} is an essential mediator of thrombo-inflammatory organ damage in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6491-6496.	7.1	35
431	Proresolving actions of a new resolvin D1 analog mimetic qualifies as an immunoresolvent. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L904-L911.	2.9	62
432	Luminal Injection of Hydrogen-Rich Solution Attenuates Intestinal Ischemia-Reperfusion Injury in Rats. <i>Transplantation</i> , 2015, 99, 500-507.	1.0	39
433	Naringin protects against anoxia/reoxygenation-induced apoptosis in H9c2 cells via the Nrf2 signaling pathway. <i>Food and Function</i> , 2015, 6, 1331-1344.	4.6	35
434	Blocking Cold-Inducible RNA-Binding Protein Protects Liver From Ischemia-Reperfusion Injury. <i>Shock</i> , 2015, 43, 24-30.	2.1	72
435	Damage-associated molecular pattern-activated neutrophil extracellular trap exacerbates sterile inflammatory liver injury. <i>Hepatology</i> , 2015, 62, 600-614.	7.3	370
436	A Friend in Need: Activated Protein C Stabilizes YB-1 during Renal Ischemia Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2605-2607.	6.1	0
437	Shear-Activated Nanoparticle Aggregates Combined With Temporary Endovascular Bypass to Treat Large Vessel Occlusion. <i>Stroke</i> , 2015, 46, 3507-3513.	2.0	39
438	MicroRNA-141 regulates the expression level of ICAM-1 on endothelium to decrease myocardial ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1303-H1313.	3.2	56
439	Bradykinin in ischemic conditioning-induced tissue protection: Evidences and possible mechanisms. <i>European Journal of Pharmacology</i> , 2015, 768, 58-70.	3.5	24
440	Nicorandil Protects the Heart from Ischemia/Reperfusion Injury by Attenuating Endoplasmic Reticulum Response-induced Apoptosis Through PI3K/Akt Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 2320-2332.	1.6	86
441	Nitro-Oleic Acid Attenuates OGD/R-Triggered Apoptosis in Renal Tubular Cells via Inhibition of Bax Mitochondrial Translocation in a PPAR- β -Dependent Manner. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1201-1218.	1.6	30
442	Protective effects of ω 6 fatty acids-enriched diet on intestinal ischaemia/reperfusion injury involve lipoxin A ₄ and its receptor. <i>British Journal of Pharmacology</i> , 2015, 172, 910-923.	5.4	29
443	A novel mechanism for cytoprotection against hypoxic injury: μ -opioid receptor-mediated increase in Nrf2 translocation. <i>British Journal of Pharmacology</i> , 2015, 172, 1869-1881.	5.4	34
444	Reperfusion injury and reactive oxygen species: The evolution of a concept. <i>Redox Biology</i> , 2015, 6, 524-551.	9.0	1,009
445	Thrombin-dependent intravascular leukocyte trafficking regulated by fibrin and the platelet receptors GPIb and PAR4. <i>Nature Communications</i> , 2015, 6, 7835.	12.8	64
446	Beneficial effect of magnesium lithospermate B on cerebral ischemia-reperfusion injury in rats involves the regulation of miR-107/glutamate transporter 1 pathway. <i>European Journal of Pharmacology</i> , 2015, 766, 91-98.	3.5	36

#	ARTICLE	IF	CITATIONS
447	Treatment of stroke with liposomal neuroprotective agents under cerebral ischemia conditions. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 97, 1-7.	4.3	51
448	The role of p38MAPK signal pathway in the neuroprotective mechanism of limb postconditioning against rat cerebral ischemia/reperfusion injury. Journal of the Neurological Sciences, 2015, 357, 270-275.	0.6	37
449	The CXCR1/2 Pathway: Involvement in Diabetes Pathophysiology and Potential Target for T1D Interventions. Current Diabetes Reports, 2015, 15, 68.	4.2	29
450	Actions of Adenosine on Cullin Neddylation: Implications for Inflammatory Responses. Computational and Structural Biotechnology Journal, 2015, 13, 273-276.	4.1	6
451	Effects of extracellular pH and hypoxia on the function and development of antigen-specific cytotoxic T lymphocytes. Immunology Letters, 2015, 167, 72-86.	2.5	108
452	The role of sirtuins in cardiac disease. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1375-H1389.	3.2	267
453	NLRP3 Inflammasome Involvement in the Organ Damage and Impaired Spermatogenesis Induced by Testicular Ischemia and Reperfusion in Mice. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 370-380.	2.5	32
455	Volatile anaesthetics reduce neutrophil inflammatory response by interfering with CXC receptor-2 signalling. British Journal of Anaesthesia, 2015, 114, 143-149.	3.4	20
456	Differential expression of microRNAs in ischemic heart disease. Drug Discovery Today, 2015, 20, 223-235.	6.4	46
457	Nanoparticle-Mediated Dual Delivery of an Antioxidant and a Peptide against the L-Type Ca^{2+} Channel Enables Simultaneous Reduction of Cardiac Ischemia-Reperfusion Injury. ACS Nano, 2015, 9, 279-289.	14.6	64
459	The role of the autophagy in myocardial ischemia/reperfusion injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 271-276.	3.8	238
460	Implication of Pattern-Recognition Receptors in Cardiovascular Diseases. Antioxidants and Redox Signaling, 2015, 22, 1130-1145.	5.4	13
461	Sphingosine 1-Phosphate Receptor-1 Enhances Mitochondrial Function and Reduces Cisplatin-Induced Tubule Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 908-925.	6.1	74
462	Oxidative stress in obstructive sleep apnea and intermittent hypoxia â€œ Revisited â€œ The bad ugly and good: Implications to the heart and brain. Sleep Medicine Reviews, 2015, 20, 27-45.	8.5	426
463	Effects of beta-glucan on protection of young and aged rats from renal ischemia and reperfusion injury. Bratislava Medical Journal, 2016, 117, 530-538.	0.8	1
464	siRNA-Induced RNAi Therapy in Acute Kidney Injury. , 0, , .		0
465	Hypoxia-on-a-chip. Current Directions in Biomedical Engineering, 2016, 2, 71-75.	0.4	9
466	Current perspectives in transplant medicine: hypothermic oxygenated perfusion. Transplant Research and Risk Management, 0, Volume 8, 25-30.	0.7	3

#	ARTICLE	IF	CITATIONS
467	Global Hypoxia-Ischemia Induced Inflammation and Structural Changes in the Preterm Ovine Gut Which Were Not Ameliorated by Mesenchymal Stem Cell Treatment. <i>Molecular Medicine</i> , 2016, 22, 244-257.	4.4	9
468	Superoxide induces Neutrophil Extracellular Trap Formation in a TLR-4 and NOX-Dependent Mechanism. <i>Molecular Medicine</i> , 2016, 22, 621-631.	4.4	81
469	Alternative Interventions to Prevent Oxidative Damage following Ischemia/Reperfusion. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-16.	4.0	20
470	Daphnetin Protects against Cerebral Ischemia/Reperfusion Injury in Mice via Inhibition of TLR4/NF- κ B Signaling Pathway. <i>BioMed Research International</i> , 2016, 2016, 1-6.	1.9	84
471	Oxidative Stress Markers and Their Dynamic Changes in Patients after Acute Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	4.0	54
472	ROS-Mediated NLRP3 Inflammasome Activation in Brain, Heart, Kidney, and Testis Ischemia/Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	365
473	The Protective Role of the TOPK/PBK Pathway in Myocardial Ischemia/Reperfusion and H ₂ O ₂ -Induced Injury in H9C2 Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , 2016, 17, 267.	4.1	26
474	Update on Inflammatory Biomarkers and Treatments in Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1967.	4.1	121
475	Using <i>Caenorhabditis elegans</i> to Uncover Conserved Functions of Omega-3 and Omega-6 Fatty Acids. <i>Journal of Clinical Medicine</i> , 2016, 5, 19.	2.4	43
476	Novel Endogenous Proresolving Molecules: Essential Fatty Acid-Derived and Gaseous Mediators in the Resolution of Inflammation. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 655-664.	2.0	26
477	Inflammasome and toll-like receptor signaling in human monocytes after successful cardiopulmonary resuscitation. <i>Critical Care</i> , 2016, 20, 170.	5.8	34
478	Acute transfusion-related abdominal injury in trauma patients: a case report. <i>Journal of Medical Case Reports</i> , 2016, 10, 294.	0.8	2
479	The Coagulation Factor Xlla Inhibitor rHA-Infestin-4 Improves Outcome after Cerebral Ischemia/Reperfusion Injury in Rats. <i>PLoS ONE</i> , 2016, 11, e0146783.	2.5	32
480	Global MicroRNA Expression Profiling of Mouse Livers following Ischemia-Reperfusion Injury at Different Stages. <i>PLoS ONE</i> , 2016, 11, e0148677.	2.5	9
481	The Fifth Domain of Beta 2 Glycoprotein I Protects from Natural IgM Mediated Cardiac Ischaemia Reperfusion Injury. <i>PLoS ONE</i> , 2016, 11, e0152681.	2.5	4
482	Evaluation of Liver Ischemia-Reperfusion Injury in Rabbits Using a Nanoscale Ultrasound Contrast Agent Targeting ICAM-1. <i>PLoS ONE</i> , 2016, 11, e0153805.	2.5	15
483	Differences in Proinflammatory Property of Six Subtypes of Peroxiredoxins and Anti-Inflammatory Effect of Ligustilide in Macrophages. <i>PLoS ONE</i> , 2016, 11, e0164586.	2.5	18
484	Effects of Angiopoietin-2 on Transplanted Mouse Ovarian Tissue. <i>PLoS ONE</i> , 2016, 11, e0166782.	2.5	16

#	ARTICLE	IF	CITATIONS
485	Intravenous Treatment with a Long-Chain Omega-3 Lipid Emulsion Provides Neuroprotection in a Murine Model of Ischemic Stroke – A Pilot Study. PLoS ONE, 2016, 11, e0167329.	2.5	24
486	The Role of Hydrogen Sulfide in Renal System. Frontiers in Pharmacology, 2016, 7, 385.	3.5	90
487	The VWF-GPIIb axis in ischaemic stroke: lessons from animal models. Thrombosis and Haemostasis, 2016, 116, 597-604.	3.4	41
488	Ursolic acid reduces the metalloprotease/anti-metalloprotease imbalance in cerebral ischemia and reperfusion injury. Drug Design, Development and Therapy, 2016, 10, 1663.	4.3	37
489	BDNF-mediates Down-regulation of MicroRNA-195 Inhibits Ischemic Cardiac Apoptosis in Rats. International Journal of Biological Sciences, 2016, 12, 979-989.	6.4	61
490	Kidney ischemia and reperfusion syndrome: effect of lidocaine and local postconditioning. Revista Do Colegio Brasileiro De Cirurgioes, 2016, 43, 348-353.	0.6	6
491	Epigenetics in Kidney Transplantation. Transplantation, 2016, 100, 23-38.	1.0	32
492	The role of Toll-like receptor 4 (TLR4) in cardiac ischaemic reperfusion injury, cardioprotection and preconditioning. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 864-871.	1.9	31
493	Glutamate protects against Ca^{2+} paradox-induced injury and inhibits calpain activity in isolated rat hearts. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 951-959.	1.9	1
494	Emerging Roles for MicroRNAs in Perioperative Medicine. Anesthesiology, 2016, 124, 489-506.	2.5	64
495	Hemorrhagic transformation of acute ischemic stroke is limited in hypertensive patients with cardiac hypertrophy. International Journal of Cardiology, 2016, 219, 362-366.	1.7	4
496	The neuroimmune guidance cue netrin-1 controls resolution programs and promotes liver regeneration. Hepatology, 2016, 63, 1689-1705.	7.3	55
497	Neuronal Nitric Oxide Synthase is Involved in Vascular Hyporeactivity and Multiple Organ Dysfunction Associated with Hemorrhagic Shock. Shock, 2016, 45, 525-533.	2.1	16
498	Prolonged Mouse Cardiac Graft Cold Storage via Attenuating Ischemia-Reperfusion Injury Using a New Antioxidant-Based Preservation Solution. Transplantation, 2016, 100, 1032-1040.	1.0	10
499	Intratracheal Administration of Small Interfering RNA Targeting Fas Reduces Lung Ischemia-Reperfusion Injury*. Critical Care Medicine, 2016, 44, e604-e613.	0.9	24
500	Preconditioning with recombinant high-mobility group box 1 induces ischemic tolerance in a rat model of focal cerebral ischemia–reperfusion. Journal of Neurochemistry, 2016, 137, 576-588.	3.9	28
501	Macrophage-derived Lipocalin-2 contributes to ischemic resistance mechanisms by protecting from renal injury. Scientific Reports, 2016, 6, 21950.	3.3	30
502	Effect of Melatonin and Resveratrol against Memory Impairment and Hippocampal Damage in a Rat Model of Vascular Dementia. NeurolImmunoModulation, 2016, 23, 318-331.	1.8	23

#	ARTICLE	IF	CITATIONS
503	The Beneficial Effects of ETS-GS, a Novel Vitamin E Derivative, on a Rat Model of Crush Injury. Shock, 2016, 46, 681-687.	2.1	4
504	The role of heat shock proteins in kidney disease. Journal of Translational Internal Medicine, 2016, 4, 114-117.	2.5	13
505	cJun N-terminal kinase (JNK) phosphorylation of serine 36 is critical for p66Shc activation. Scientific Reports, 2016, 6, 20930.	3.3	31
506	Study of age-dependent structural and functional changes of mitochondria in skeletal muscles and heart of naked mole rats (<i>Heterocephalus glaber</i>). Biochemistry (Moscow), 2016, 81, 1429-1437.	1.5	19
507	Novel protective effects of pulsed electromagnetic field ischemia/reperfusion injury rats. Bioscience Reports, 2016, 36, .	2.4	16
508	Heme Oxygenase-1/Carbon Monoxide-regulated Mitochondrial Dynamic Equilibrium Contributes to the Attenuation of Endotoxin-induced Acute Lung Injury in Rats and in Lipopolysaccharide-activated Macrophages. Anesthesiology, 2016, 125, 1190-1201.	2.5	68
509	The Role of Activin A and B and the Benefit of Follistatin Treatment in Renal Ischemia-Reperfusion Injury in Mice. Transplantation Direct, 2016, 2, e87.	1.6	14
510	Vagus nerve stimulation attenuates myocardial ischemia/reperfusion injury by inhibiting the expression of interleukin-17A. Experimental and Therapeutic Medicine, 2016, 11, 171-176.	1.8	23
511	Picroside II protects myocardium from ischemia/reperfusion-induced injury through inhibition of the inflammatory response. Experimental and Therapeutic Medicine, 2016, 12, 3507-3514.	1.8	16
512	Requirement of clusterin expression for prosurvival autophagy in hypoxic kidney tubular epithelial cells. American Journal of Physiology - Renal Physiology, 2016, 310, F160-F173.	2.7	27
513	Role of TLRs and DAMPs in allograft inflammation and transplant outcomes. Nature Reviews Nephrology, 2016, 12, 281-290.	9.6	127
514	Hepatic ischemia reperfusion injury: A systematic review of literature and the role of current drugs and biomarkers. International Journal of Surgery, 2016, 33, S57-S70.	2.7	223
515	Complement inhibition in biomaterial- and biosurface-induced thromboinflammation. Seminars in Immunology, 2016, 28, 268-277.	5.6	31
516	Neurological function following cerebral ischemia/reperfusion is improved by the Ruyi Zhenbao pill in a rats. Biomedical Reports, 2016, 4, 161-166.	2.0	13
517	Sickle Cell Anemia. , 2016, , .		7
518	Myocardial Ischemia Induces SDF-1 α Release in Cardiac Surgery Patients. Journal of Cardiovascular Translational Research, 2016, 9, 230-238.	2.4	12
519	Hypoxia-inducible factors as molecular targets for liver diseases. Journal of Molecular Medicine, 2016, 94, 613-627.	3.9	104
520	Cardiovascular Adaptations to Anemia and the Vascular Endothelium in Sickle Cell Disease Pathophysiology. , 2016, , 129-175.		7

#	ARTICLE	IF	CITATIONS
522	Neuroprotective effect of resveratrol against brain ischemia reperfusion injury in rats entails reduction of DJ-1 protein expression and activation of PI3K/Akt/GSK3b survival pathway. Archives of Physiology and Biochemistry, 2016, 122, 200-213.	2.1	65
523	Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Protein-Protein Interaction Inhibitor Reveals a Non-catalytic Role for GAPDH Oligomerization in Cell Death. Journal of Biological Chemistry, 2016, 291, 13608-13621.	3.4	32
524	Antioxidant effects of hydroxysafflor yellow A and acetyl-11-keto- β -boswellic acid in combination on isoproterenol-induced myocardial injury in rats. International Journal of Molecular Medicine, 2016, 37, 1501-1510.	4.0	38
525	Neuroprotection in acute stroke: targeting excitotoxicity, oxidative and nitrosative stress, and inflammation. Lancet Neurology, The, 2016, 15, 869-881.	10.2	842
526	Inhibition of Plexin C1 Protects Against Hepatic Ischemia-Reperfusion Injury*. Critical Care Medicine, 2016, 44, e625-e632.	0.9	15
527	Acute and Chronic Pretreatment With Atenolol Attenuates Intestinal Ischemia and Reperfusion Injury in Hypercholesterolemic Rats. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 985-992.	1.3	3
528	The expanding role of the bile acid receptor farnesoid X in the intestine and its potential clinical implications. Acta Chirurgica Belgica, 2016, 116, 156-163.	0.4	3
530	Evaluation of the protective effect of thiamine pyrophosphate based on the biochemical analysis of rabbit foetuses at 30 days of gestation. Reproductive Toxicology, 2016, 65, 359-364.	2.9	4
531	Reperfusion injury protection during Basic Life Support improves circulation and survival outcomes in a porcine model of prolonged cardiac arrest. Resuscitation, 2016, 105, 29-35.	3.0	8
532	Longer warm ischemia can accelerate tumor growth through the induction of HIF-1 α and the IL-6/JAK-STAT3 signaling pathway in a rat hepatocellular carcinoma model. Journal of Hepato-Biliary-Pancreatic Sciences, 2016, 23, 771-779.	2.6	10
533	Infiltration of invariant natural killer T cells occur and accelerate brain infarction in permanent ischemic stroke in mice. Neuroscience Letters, 2016, 633, 62-68.	2.1	26
534	Adenosine A _{2A} receptor promotes collagen type III synthesis via β -catenin activation in human dermal fibroblasts. British Journal of Pharmacology, 2016, 173, 3279-3291.	5.4	29
535	Sterile Inflammation Enhances ECM Degradation in Integrin β 1 KO Embryonic Skin. Cell Reports, 2016, 16, 3334-3347.	6.4	26
537	Delayed protective effect of telmisartan on lung ischemia/reperfusion injury in valve replacement operations. Experimental and Therapeutic Medicine, 2016, 12, 2577-2581.	1.8	4
538	Protection of rat liver against hepatic ischemia-reperfusion injury by a novel selenocysteine-containing 7-mer peptide. Molecular Medicine Reports, 2016, 14, 2007-2015.	2.4	12
539	Blood vessel formation and function in bone. Development (Cambridge), 2016, 143, 2706-2715.	2.5	324
540	Lumbrokinase attenuates myocardial ischemia-reperfusion injury by inhibiting TLR4 signaling. Journal of Molecular and Cellular Cardiology, 2016, 99, 113-122.	1.9	26
541	Genomic distribution of 5-Hydroxymethylcytosine in mouse kidney and its relationship with gene expression. Renal Failure, 2016, 38, 982-988.	2.1	6

#	ARTICLE	IF	CITATIONS
542	Pharmacological protection of mitochondrial function mitigates acute limb ischemia/reperfusion injury. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4042-4051.	2.2	12
543	Diosgenin attenuates the brain injury induced by transient focal cerebral ischemia-reperfusion in rats. Steroids, 2016, 113, 103-112.	1.8	26
544	Radioprotective 105 kDa protein attenuates ischemia/reperfusion-induced myocardial apoptosis and autophagy by inhibiting the activation of the TLR4/NF- κ B signaling pathway in rats. International Journal of Molecular Medicine, 2016, 38, 885-893.	4.0	41
545	Exogenous Lipocalin 2 Ameliorates Acute Rejection in a Mouse Model of Renal Transplantation. American Journal of Transplantation, 2016, 16, 808-820.	4.7	28
546	The myeloid heat shock transcription factor 1/ β -catenin axis regulates NLR family, pyrin domain-containing 3 inflammasome activation in mouse liver ischemia/reperfusion injury. Hepatology, 2016, 64, 1683-1698.	7.3	84
547	Nuclear translocation of annexin 1 following oxygen-glucose deprivation/reperfusion induces apoptosis by regulating Bid expression via p53 binding. Cell Death and Disease, 2016, 7, e2356-e2356.	6.3	41
548	Ginkgolides and bilobalide protect BV2 microglia cells against OGD/reoxygenation injury by inhibiting TLR2/4 signaling pathways. Cell Stress and Chaperones, 2016, 21, 1037-1053.	2.9	60
549	Impaired Endothelial Nitric Oxide Synthase Homodimer Formation Triggers Development of Transplant Vasculopathy - Insights from a Murine Aortic Transplantation Model. Scientific Reports, 2016, 6, 37917.	3.3	8
550	Intrathecal Injection of 3-Methyladenine Reduces Neuronal Damage and Promotes Functional Recovery & Autophagy Attenuation after Spinal Cord Ischemia/Reperfusion Injury in Rats. Biological and Pharmaceutical Bulletin, 2016, 39, 665-673.	1.4	15
551	RANTES mediates kidney ischemia reperfusion injury through a possible role of HIF-1 α and LncRNA PRINS. Scientific Reports, 2016, 6, 18424.	3.3	75
552	MicroRNAs in Kidney Diseases. , 2016, , 107-138.		1
553	Electroacupuncture protects against ischemic stroke by reducing autophagosome formation and inhibiting autophagy through the mTORC1-ULK1 complex-Beclin1 pathway. International Journal of Molecular Medicine, 2016, 37, 309-318.	4.0	51
554	Reactive oxygen species-mediated cardiac-reperfusion injury: Mechanisms and therapies. Life Sciences, 2016, 165, 43-55.	4.3	91
555	Preischemic Administration of Nonexpanded Adipose Stromal Vascular Fraction Attenuates Acute Renal Ischemia/Reperfusion Injury and Fibrosis. Stem Cells Translational Medicine, 2016, 5, 1277-1288.	3.3	36
556	Inhibiting High-Mobility Group Box 1 (HMGB1) Attenuates Inflammatory Cytokine Expression and Neurological Deficit in Ischemic Brain Injury Following Cardiac Arrest in Rats. Inflammation, 2016, 39, 1594-1602.	3.8	23
557	Renal-targeting triptolide-glucosamine conjugate exhibits lower toxicity and superior efficacy in attenuation of ischemia/reperfusion renal injury in rats. Acta Pharmacologica Sinica, 2016, 37, 1467-1480.	6.1	27
558	Perilipin 5 is protective in the ischemic heart. International Journal of Cardiology, 2016, 219, 446-454.	1.7	43
559	Inhibition of coagulation proteases Xa and IIa decreases ischemia/reperfusion injuries in a preclinical renal transplantation model. Translational Research, 2016, 178, 95-106.e1.	5.0	11

#	ARTICLE	IF	CITATIONS
560	Illuminating necrosis: From mechanistic exploration to preclinical application using fluorescence molecular imaging with indocyanine green. <i>Scientific Reports</i> , 2016, 6, 21013.	3.3	34
561	Cardioprotective effects of monocyte locomotion inhibitory factor on myocardial ischemic injury by targeting vimentin. <i>Life Sciences</i> , 2016, 167, 85-91.	4.3	10
562	Enhanced angiogenesis, hypoxia and neutrophil recruitment during Myc-induced liver tumorigenesis in zebrafish. <i>Scientific Reports</i> , 2016, 6, 31952.	3.3	35
563	Neutrophils recruited to the myocardium after acute experimental myocardial infarct generate hypochlorous acid that oxidizes cardiac myoglobin. <i>Archives of Biochemistry and Biophysics</i> , 2016, 612, 103-114.	3.0	16
564	microRNA-22 attenuates myocardial ischemia-reperfusion injury via an anti-inflammatory mechanism in rats. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3249-3255.	1.8	43
565	Water-soluble acacetin prodrug confers significant cardioprotection against ischemia/reperfusion injury. <i>Scientific Reports</i> , 2016, 6, 36435.	3.3	41
566	HSPA12B Attenuated Acute Myocardial Ischemia/reperfusion Injury via Maintaining Endothelial Integrity in a PI3K/Akt/mTOR-dependent Mechanism. <i>Scientific Reports</i> , 2016, 6, 33636.	3.3	49
567	Pharmacological inhibition of MyD88 homodimerization counteracts renal ischemia reperfusion-induced progressive renal injury in vivo and in vitro. <i>Scientific Reports</i> , 2016, 6, 26954.	3.3	22
568	Protein Kinase CK2 Regulates Leukocyte-Endothelial Cell Interactions during Ischemia and Reperfusion in Striated Skin Muscle. <i>European Surgical Research</i> , 2016, 57, 111-124.	1.3	6
569	Effects of Hyperoxia and Mild Therapeutic Hypothermia During Resuscitation From Porcine Hemorrhagic Shock*. <i>Critical Care Medicine</i> , 2016, 44, e264-e277.	0.9	36
570	The Role of Extracellular Adenosine Triphosphate in Ischemic Organ Injury. <i>Critical Care Medicine</i> , 2016, 44, 1000-1012.	0.9	28
571	Remote Ischemic Preconditioning. <i>Annals of Surgery</i> , 2016, 264, 797-803.	4.2	23
572	Murine Model of Intestinal Ischemia-reperfusion Injury. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	24
573	<scp>CUEDC</scp> 2 modulates cardiomyocyte oxidative capacity by regulating <scp>GPX</scp> 1 stability. <i>EMBO Molecular Medicine</i> , 2016, 8, 813-829.	6.9	15
574	Inflammation and Inflammatory Cells in Myocardial Infarction and Reperfusion Injury: A Double-Edged Sword. <i>Clinical Medicine Insights: Cardiology</i> , 2016, 10, CMC.S33164.	1.8	148
575	Biomaterialâ€Enhanced Cell and Drug Delivery: Lessons Learned in the Cardiac Field and Future Perspectives. <i>Advanced Materials</i> , 2016, 28, 5648-5661.	21.0	63
576	Induced Pluripotent Stem Cell-Derived Conditioned Medium Attenuates Acute Kidney Injury by Downregulating the Oxidative Stress-Related Pathway in Ischemiaâ€Reperfusion Rats. <i>Cell Transplantation</i> , 2016, 25, 517-530.	2.5	31
577	ÎV1-1 Reduces Pulmonary Ischemia Reperfusion-Induced Lung Injury by Inhibiting Necrosis and Mitochondrial Localization of PKCÎ and p53. <i>American Journal of Transplantation</i> , 2016, 16, 83-98.	4.7	34

#	ARTICLE	IF	CITATIONS
578	Melatonin prevents secondary intra-abdominal hypertension in rats possibly through inhibition of the p38 MAPK pathway. <i>Free Radical Biology and Medicine</i> , 2016, 97, 192-203.	2.9	7
579	Salvianolic Acid B Ameliorates Cerebral Ischemia/Reperfusion Injury Through Inhibiting TLR4/MyD88 Signaling Pathway. <i>Inflammation</i> , 2016, 39, 1503-1513.	3.8	65
580	Neutralization of Osteopontin Ameliorates Acute Lung Injury Induced by Intestinal Ischemia-Reperfusion. <i>Shock</i> , 2016, 46, 431-438.	2.1	26
581	Hypothermia-induced ischemic tolerance is associated with Drp1 inhibition in cerebral ischemia-reperfusion injury of mice. <i>Brain Research</i> , 2016, 1646, 73-83.	2.2	23
582	The Biological Basis for Cardiac Repair After Myocardial Infarction. <i>Circulation Research</i> , 2016, 119, 91-112.	4.5	1,408
583	A Mobile Extracorporeal Extremity Salvage System for Replantation and Transplantation. <i>Annals of Plastic Surgery</i> , 2016, 76, 355-360.	0.9	37
584	Human α 1-antitrypsin improves early post-transplant lung function: Pre-clinical studies in a pig lung transplant model. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 913-921.	0.6	52
585	CD47 regulates renal tubular epithelial cell self-renewal and proliferation following renal ischemia reperfusion. <i>Kidney International</i> , 2016, 90, 334-347.	5.2	63
586	Deep Hypothermic Cardiac Arrest Treated by Extracorporeal Life Support in a Porcine Model: Does the Rewarming Method Matter?. <i>Academic Emergency Medicine</i> , 2016, 23, 665-673.	1.8	11
587	Thromboinflammation in Stroke Brain Damage. <i>Stroke</i> , 2016, 47, 1165-1172.	2.0	226
588	Regulation of drug-metabolizing enzymes by local and systemic liver injuries. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 245-251.	3.3	25
589	A Unifying Mechanism for Mitochondrial Superoxide Production during Ischemia-Reperfusion Injury. <i>Cell Metabolism</i> , 2016, 23, 254-263.	16.2	527
590	SIRT6 protects cardiomyocytes against ischemia/reperfusion injury by augmenting FoxO3-dependent antioxidant defense mechanisms. <i>Basic Research in Cardiology</i> , 2016, 111, 13.	5.9	109
591	Pharmacological targeting of the HIF hydroxylases – A new field in medicine development. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 54-75.	6.4	111
592	Cardiac-protective effects and the possible mechanisms of almitrine during acute myocardial ischemia. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 433-440.	1.4	7
593	NKT cell subsets as key participants in liver physiology and pathology. <i>Cellular and Molecular Immunology</i> , 2016, 13, 337-346.	10.5	136
594	Ischemic Conditioning: Implications for Emergency Medicine. <i>Annals of Emergency Medicine</i> , 2016, 68, 268-274.	0.6	3
595	Soluble receptor for advanced glycation end-products protects against ischemia/reperfusion-induced myocardial apoptosis via regulating the ubiquitin proteasome system. <i>Free Radical Biology and Medicine</i> , 2016, 94, 17-26.	2.9	23

#	ARTICLE	IF	CITATIONS
596	Anti-inflammatory, analgesic and antioxidant activities of novel kyotorphin-nitroxide hybrid molecules. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2005-2013.	2.2	12
597	Intravenous high mobility group box 1 upregulates the expression of HIF-1 α in the myocardium via a protein kinase B-dependent pathway in rats following acute myocardial ischemia. Molecular Medicine Reports, 2016, 13, 1211-1219.	2.4	14
598	Delayed administration IL-1 β neutralizing antibody improves cognitive function after transient global ischemia in rats. Behavioural Brain Research, 2016, 303, 53-60.	2.2	5
599	Signaling pathways involving adenosine A2A and A2B receptors in wound healing and fibrosis. Purinergic Signalling, 2016, 12, 191-197.	2.2	55
600	Remote ischemic conditioning temporarily improves antioxidant defense. Journal of Surgical Research, 2016, 200, 105-109.	1.6	22
601	Multiple Organ Retrieval: General Principles, Organ Preservation, and New Strategies. , 2016, , 79-90.		1
602	Altered E-NTPDase/E-ADA activities and CD39 expression in platelets of sickle cell anemia patients. Biomedicine and Pharmacotherapy, 2016, 79, 241-246.	5.6	7
603	Impact of SERVE-HF on management of sleep disordered breathing in heart failure: a call for further studies. Clinical Research in Cardiology, 2016, 105, 563-570.	3.3	37
604	Neuroprotection by combination of resveratrol and enriched environment against ischemic brain injury in rats. Neurological Research, 2016, 38, 60-68.	1.3	18
605	Multiorgan Procurement for Transplantation. , 2016, , .		4
606	IL-1 Receptor Signaling on Graft Parenchymal Cells Regulates Memory and De Novo Donor-Reactive CD8 T Cell Responses to Cardiac Allografts. Journal of Immunology, 2016, 196, 2827-2837.	0.8	6
607	Homeostatic changes in neuronal network oscillations in response to continuous hypoperfusion in the mouse forebrain. Neuroscience Research, 2016, 109, 28-34.	1.9	2
608	Bone marrow stromal cells inhibits HMGB1-mediated inflammation after stroke in type 2 diabetic rats. Neuroscience, 2016, 324, 11-19.	2.3	25
609	Clinical potential of DNA methylation in organ transplantation. Journal of Heart and Lung Transplantation, 2016, 35, 843-850.	0.6	26
610	Advances in treatment strategies for ischemia reperfusion injury. Expert Opinion on Pharmacotherapy, 2016, 17, 169-179.	1.8	45
611	Mesenchymal stem/stromal cells precondition lung monocytes/macrophages to produce tolerance against allo- and autoimmunity in the eye. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 158-163.	7.1	132
612	BML-111 Attenuates Renal Ischemia/Reperfusion Injury Via Peroxisome Proliferator-Activated Receptor- α -Regulated Heme Oxygenase-1. Inflammation, 2016, 39, 611-624.	3.8	23
613	The Effect of Autophagy on Inflammation Cytokines in Renal Ischemia/Reperfusion Injury. Inflammation, 2016, 39, 347-356.	3.8	55

#	ARTICLE	IF	CITATIONS
614	Inhalation anesthesia of rats: influence of the fraction of inspired oxygen on limb ischemia/reperfusion injury. <i>Laboratory Animals</i> , 2016, 50, 185-197.	1.0	2
615	Soft Tissue Injuries. , 2016, , 65-86.		0
616	Triptolide Attenuates Myocardial Ischemia/Reperfusion Injuries in Rats by Inducing the Activation of Nrf2/HO-1 Defense Pathway. <i>Cardiovascular Toxicology</i> , 2016, 16, 325-335.	2.7	52
618	Adenosine regulation of the immune response initiated by ischemia reperfusion injury. <i>Perfusion (United Kingdom)</i> , 2016, 31, 103-110.	1.0	32
619	VEGF released from a fibrin biomatrix increases VEGFR-2 expression and improves early outcome after ischaemia-reperfusion injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2153-2163.	2.7	10
620	Implantation of healthy matrix-embedded endothelial cells rescues dysfunctional endothelium and ischaemic tissue in liver engraftment. <i>Gut</i> , 2017, 66, 1297-1305.	12.1	10
621	Dexamethasone promotes long-term functional recovery of neuromuscular junction in a murine model of tourniquet-induced ischaemia-reperfusion. <i>Acta Physiologica</i> , 2017, 219, 453-464.	3.8	17
622	Intravital Imaging of Neutrophil Recruitment Reveals the Efficacy of FPR1 Blockade in Hepatic Ischemia-Reperfusion Injury. <i>Journal of Immunology</i> , 2017, 198, 1718-1728.	0.8	44
623	Therapeutic Strategies Harnessing Oxidative Stress to Treat Stroke. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2017, , 113-133.	0.4	0
624	Safety and Efficacy of <i>Ex Vivo</i> Donor Lung Adenoviral IL-10 Gene Therapy in a Large Animal Lung Transplant Survival Model. <i>Human Gene Therapy</i> , 2017, 28, 757-765.	2.7	94
625	Sickle cell disease. <i>Lancet, The</i> , 2017, 390, 311-323.	13.7	639
626	Functional and cardioprotective effects of simultaneous and individual activation of protein kinase A and Epac. <i>British Journal of Pharmacology</i> , 2017, 174, 438-453.	5.4	20
627	Protective effects of Tongxinluo on cerebral ischemia/reperfusion injury related to Connexin 43/Calpain II/Bax/Caspase-3 pathway in rat. <i>Journal of Ethnopharmacology</i> , 2017, 198, 148-157.	4.1	29
628	Prophylactic orthosteric inhibition of leukocyte integrin CD11b/CD18 prevents long-term fibrotic kidney failure in cynomolgus monkeys. <i>Nature Communications</i> , 2017, 8, 13899.	12.8	22
629	Inorganic nitrite modulates miRNA signatures in acute myocardial <i>in vivo</i> ischemia/reperfusion. <i>Free Radical Research</i> , 2017, 51, 91-102.	3.3	24
630	Detection of Stem Cell Transplant Rejection with Ferumoxytol MR Imaging: Correlation of MR Imaging Findings with Those at Intravital Microscopy. <i>Radiology</i> , 2017, 284, 495-507.	7.3	24
631	Effects of Neural Stem Cell and Olfactory Ensheathing Cell Co-transplants on Tissue Remodelling After Transient Focal Cerebral Ischemia in the Adult Rat. <i>Neurochemical Research</i> , 2017, 42, 1599-1609.	3.3	14
632	Subcellular Energetics and Metabolism: Potential Therapeutic Applications. <i>Anesthesia and Analgesia</i> , 2017, 124, 1872-1885.	2.2	6

#	ARTICLE	IF	CITATIONS
633	Platelets in Acute Ischemic Stroke. , 2017, , 1029-1041.		3
634	Depletion of microglia exacerbates postischemic inflammation and brain injury. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2224-2236.	4.3	265
635	Neuroprotective effects of extracellular α 1 on reperfusion injury in SH α SY5Y cells. Synapse, 2017, 71, e21963.	1.2	7
636	The Mitochondrion: A Physiological Target of Nitrite. , 2017, , 53-68.		1
637	Small molecule antidepressant amitriptyline protects hypoxia/reoxygenation-induced cardiomyocyte apoptosis through TrkA signaling pathway. European Journal of Pharmacology, 2017, 798, 9-15.	3.5	5
638	Intranasal Pretreatment with <i>Z</i> -Ligustilide, the Main Volatile Component of <i>Rhizoma Chuanxiong</i> , Confers Prophylaxis against Cerebral Ischemia via Nrf2 and HSP70 Signaling Pathways. Journal of Agricultural and Food Chemistry, 2017, 65, 1533-1542.	5.2	43
639	BTP2, a Store-Operated Calcium Channel Inhibitor, Attenuates Lung Ischemia-Reperfusion Injury in Rats. Inflammation, 2017, 40, 778-787.	3.8	10
640	Ischemic injury leads to extracellular matrix alterations in retina and optic nerve. Scientific Reports, 2017, 7, 43470.	3.3	39
641	Cardiac Overexpression of S100A6 Attenuates Cardiomyocyte Apoptosis and Reduces Infarct Size After Myocardial Ischemia-Reperfusion. Journal of the American Heart Association, 2017, 6, .	3.7	39
642	Protective effect of mangiferin on myocardial ischemia-reperfusion injury in streptozotocin-induced diabetic rats: role of AGE-RAGE/MAPK pathways. Scientific Reports, 2017, 7, 42027.	3.3	71
643	Acetylcholine attenuated TNF- α -induced intracellular Ca ²⁺ overload by inhibiting the formation of the NCX1-TRPC3-IP3R1 complex in human umbilical vein endothelial cells. Journal of Molecular and Cellular Cardiology, 2017, 107, 1-12.	1.9	8
644	S-nitrosation of calpains is associated with cardioprotection in myocardial I/R injury. Nitric Oxide - Biology and Chemistry, 2017, 67, 68-74.	2.7	9
645	An N-nitrosation reactivity-based two-photon fluorescent probe for the specific in situ detection of nitric oxide. Chemical Science, 2017, 8, 4533-4538.	7.4	115
646	Critical role for complement receptor C5aR2 in the pathogenesis of renal ischemia-reperfusion injury. FASEB Journal, 2017, 31, 3193-3204.	0.5	39
647	Temperature and oxygenation during organ preservation. Current Opinion in Organ Transplantation, 2017, 22, 290-299.	1.6	20
648	The Differential Effect of Apyrase Treatment and hCD39 Overexpression on Chronic Renal Fibrosis After Ischemia-Reperfusion Injury. Transplantation, 2017, 101, e194-e204.	1.0	16
649	Immunomodulatory Functions of Neuronal Guidance Proteins. Trends in Immunology, 2017, 38, 444-456.	6.8	48
650	Global Transcriptomic Profiling of Cortex and Striatum: Cerebral Injury after Ischemia/Reperfusion in a Mouse Model. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1622-1634.	1.6	7

#	ARTICLE	IF	CITATIONS
651	Myeloperoxidase Mediates Postischemic Arrhythmogenic Ventricular Remodeling. <i>Circulation Research</i> , 2017, 121, 56-70.	4.5	59
652	Harnessing the early post-injury inflammatory responses for cardiac regeneration. <i>Journal of Biomedical Science</i> , 2017, 24, 7.	7.0	41
653	Neutrophil stunning by metoprolol reduces infarct size. <i>Nature Communications</i> , 2017, 8, 14780.	12.8	148
654	Ultrasound Imaging Based on Molecular Targeting for Quantitative Evaluation of Hepatic Ischemiaâ€“Reperfusion Injury. <i>American Journal of Transplantation</i> , 2017, 17, 3087-3097.	4.7	19
655	Matrix metalloproteinases as regulators of inflammatory processes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2036-2042.	4.1	182
656	Europiumâ€“Doped Cerium Oxide Nanoparticles Limit Reactive Oxygen Species Formation and Ameliorate Intestinal Ischemiaâ€“Reperfusion Injury. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700176.	7.6	38
657	Endothelial cAMP deactivates ischemia-reperfusion-induced microvascular hyperpermeability via Rap1-mediated mechanisms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H179-H189.	3.2	21
658	Up-Regulation of HMGB1 Exacerbates Renal Ischemia-Reperfusion Injury by Stimulating Inflammatory and Immune Responses through the TLR4 Signaling Pathway in Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2447-2460.	1.6	41
659	Cardioprotection by Mild Hypothermia Is Abolished in Aged Mice. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 193-198.	0.9	2
660	Macrophages. <i>Results and Problems in Cell Differentiation</i> , 2017, , .	0.7	8
661	Macrophagesâ€™ Role in Tissue Disease and Regeneration. <i>Results and Problems in Cell Differentiation</i> , 2017, 62, 245-271.	0.7	26
662	Subcellular Energetics and Metabolism: A Cross-Species Framework. <i>Anesthesia and Analgesia</i> , 2017, 124, 1857-1871.	2.2	21
663	Induction of autophagy reduces ischemia/reperfusion injury in steatotic rat livers. <i>Journal of Surgical Research</i> , 2017, 216, 207-218.	1.6	15
664	Protective roles of bioactive peptides during ischemia-reperfusion injury: From bench to bedside. <i>Life Sciences</i> , 2017, 180, 83-92.	4.3	22
665	Microfluidic system for in-vitro hypoxia assays. , 2017, , .		1
666	A coâ€“drug conjugate of naringenin and lipoic acid mediates neuroprotection in a rat model of oxidative stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 1008-1016.	1.9	14
667	Endothelial cell metabolism in health and disease: impact of hypoxia. <i>EMBO Journal</i> , 2017, 36, 2187-2203.	7.8	186
668	Adipose Tissue Drives Response to Ischemia-Reperfusion Injury in a Murine Pressure Sore Model. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 1128e-1138e.	1.4	9

#	ARTICLE	IF	CITATIONS
669	The role of extracellular histone in organ injury. <i>Cell Death and Disease</i> , 2017, 8, e2812-e2812.	6.3	216
670	Pharmacological enrollment of aldehyde dehydrogenase modulators to assist treating ischemia reperfusion-induced intestinal injury: is there a gap to be bridged?. <i>Clinical Science</i> , 2017, 131, 1137-1140.	4.3	1
671	Autophagy-regulated AMPAR subunit upregulation in in vitro oxygen glucose deprivation/reoxygenation-induced hippocampal injury. <i>Brain Research</i> , 2017, 1668, 65-71.	2.2	8
672	Image-Guided Hydrogen Gas Delivery for Protection from Myocardial Ischemiaâ€“Reperfusion Injury via Microbubbles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21190-21199.	8.0	83
673	Mitochondria in Structural and Functional Cardiac Remodeling. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 277-306.	1.6	51
674	Dietary nitrate attenuates renal ischemia-reperfusion injuries by modulation of immune responses and reduction of oxidative stress. <i>Redox Biology</i> , 2017, 13, 320-330.	9.0	57
676	Tumour blood vessel normalisation by prolyl hydroxylase inhibitor repaired sensitivity to chemotherapy in a tumour mouse model. <i>Scientific Reports</i> , 2017, 7, 45621.	3.3	22
677	Indole-3-carbinol is a potent inhibitor of ischemiaâ€“reperfusionâ€“induced inflammation. <i>Journal of Surgical Research</i> , 2017, 215, 34-46.	1.6	20
678	Dual role of MUC1 mucin in kidney ischemia-reperfusion injury: Nephroprotector in early phase, but pro-fibrotic in late phase. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1336-1349.	3.8	16
679	InÂvitro model of cerebral ischemia by using brain microvascular endothelial cells derived from human induced pluripotent stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 577-583.	2.1	31
680	Revelation of the dynamic progression of hypoxia-reoxygenation injury by visualization of the lysosomal hydrogen peroxide. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 904-908.	2.1	11
681	Neuroinflammatory response to experimental stroke is inhibited by boldine. <i>Behavioural Pharmacology</i> , 2017, 28, 223-237.	1.7	25
682	Down-regulation of nuclear HMGB1 reduces ischemia-induced HMGB1 translocation and release and protects against liver ischemia-reperfusion injury. <i>Scientific Reports</i> , 2017, 7, 46272.	3.3	43
683	Simultaneous overexpression of human E5NT and ENTPD1 protects porcine endothelial cells against H2O2-induced oxidative stress and cytotoxicity in vitro. <i>Free Radical Biology and Medicine</i> , 2017, 108, 320-333.	2.9	12
684	Enteric glia cells are critical to limiting the intestinal inflammatory response after injury. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G274-G282.	3.4	40
685	Signal transduction involved in lipoxin A4-induced protection of tubular epithelial cells against hypoxia/reoxygenation injury. <i>Molecular Medicine Reports</i> , 2017, 15, 1682-1692.	2.4	16
686	Prolonged Ischemia Triggers Necrotic Depletion of Tissue-Resident Macrophages To Facilitate Inflammatory Immune Activation in Liver Ischemia Reperfusion Injury. <i>Journal of Immunology</i> , 2017, 198, 3588-3595.	0.8	58
687	Vascular adhesion protein-1 enhances neutrophil infiltration by generation of hydrogen peroxide in renal ischemia/reperfusion injury. <i>Kidney International</i> , 2017, 92, 154-164.	5.2	37

#	ARTICLE	IF	CITATIONS
688	Effects and mechanisms of compound Chinese medicine and major ingredients on microcirculatory dysfunction and organ injury induced by ischemia/reperfusion. , 2017, 177, 146-173.		143
690	TFP5 is comparable to mild hypothermia in improving neurological outcomes in early-stage ischemic stroke of adult rats. Neuroscience, 2017, 343, 337-345.	2.3	4
691	Dexmedetomidine preconditioning for myocardial protection in ischaemiaâ€reperfusion injury in rats by downregulation of the high mobility group box 1â€tollâ€like receptor 4â€nuclear factor ÎB signalling pathway. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 353-361.	1.9	38
692	In Vivo Ischemia Detection by Luminescent Nanothermometers. Advanced Healthcare Materials, 2017, 6, 1601195.	7.6	73
693	Disrupting the bloodâ€brain barrier by focused ultrasound induces sterile inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E75-E84.	7.1	306
694	Comprehensive Insights into the Multi-Antioxidative Mechanisms of Melanin Nanoparticles and Their Application To Protect Brain from Injury in Ischemic Stroke. Journal of the American Chemical Society, 2017, 139, 856-862.	13.7	404
695	Astrocyte-derived interleukin-15 exacerbates ischemic brain injury via propagation of cellular immunity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E396-E405.	7.1	138
696	Role of Transporters in Central Nervous System Drug Delivery and Blood-Brain Barrier Protection: Relevance to Treatment of Stroke. Journal of Central Nervous System Disease, 2017, 9, 117957351769380.	1.9	53
697	Pharmacologic Protection of Mitochondrial DNA Integrity May Afford a New Strategy for Suppressing Lung Ischemia-Reperfusion Injury. Annals of the American Thoracic Society, 2017, 14, S210-S215.	3.2	12
698	Mild hypothermia pretreatment protects against liver ischemia reperfusion injury via the PI3K/AKT/FOXO3a pathway. Molecular Medicine Reports, 2017, 16, 7520-7526.	2.4	21
699	Elovanoids are a novel class of homeostatic lipid mediators that protect neural cell integrity upon injury. Science Advances, 2017, 3, e1700735.	10.3	43
700	Transepidermal oxygen flux during arterial occlusion using ratiometric luminescence imaging. Clinical Hemorheology and Microcirculation, 2017, 66, 231-238.	1.7	1
701	Lung Ischaemiaâ€Reperfusion Injury: The Role of Reactive Oxygen Species. Advances in Experimental Medicine and Biology, 2017, 967, 195-225.	1.6	29
702	Hypoxia-induced myocardial regeneration. Journal of Applied Physiology, 2017, 123, 1676-1681.	2.5	32
703	MerTK Cleavage on Resident Cardiac Macrophages Compromises Repair After Myocardial Ischemia Reperfusion Injury. Circulation Research, 2017, 121, 930-940.	4.5	144
704	Hydrogen saline suppresses neuronal cell apoptosis and inhibits the p38 mitogen-activated protein kinase-caspase-3 signaling pathway following cerebral ischemia-reperfusion injury. Molecular Medicine Reports, 2017, 16, 5321-5325.	2.4	21
705	Spermidine rescues proximal tubular cells from oxidative stress and necrosis after ischemic acute kidney injury. Archives of Pharmacal Research, 2017, 40, 1197-1208.	6.3	21
706	MicroRNA-1906, a Novel Regulator of Toll-Like Receptor 4, Ameliorates Ischemic Injury after Experimental Stroke in Mice. Journal of Neuroscience, 2017, 37, 10498-10515.	3.6	41

#	ARTICLE	IF	CITATIONS
707	O-GlcNAcylation Reduces Ischemia-Reperfusion-Induced Brain Injury. <i>Scientific Reports</i> , 2017, 7, 10686.	3.3	29
708	Isoglycyrrhizinate Magnesium Enhances Hepatoprotective Effect of FK506 on Ischemia-Reperfusion Injury Through HMGB1 Inhibition in a Rat Model of Liver Transplantation. <i>Transplantation</i> , 2017, 101, 2862-2872.	1.0	9
709	Comparative metabolomics of Wenxin Keli and Verapamil reveals differential roles of gluconeogenesis and fatty acid β -oxidation in myocardial injury protection. <i>Scientific Reports</i> , 2017, 7, 8739.	3.3	14
710	MicroRNAs in mucosal inflammation. <i>Journal of Molecular Medicine</i> , 2017, 95, 935-949.	3.9	45
711	20(R)-Ginsenoside Rg3 protects SH-SY5Y cells against apoptosis induced by oxygen and glucose deprivation/reperfusion. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3867-3871.	2.2	17
712	Deficiency in cold-inducible RNA-binding protein attenuates acute respiratory distress syndrome induced by intestinal ischemia-reperfusion. <i>Surgery</i> , 2017, 162, 917-927.	1.9	29
713	Role of miR-21 on vascular endothelial cells in the protective effect of renal delayed ischemic preconditioning. <i>Molecular Medicine Reports</i> , 2017, 16, 2627-2635.	2.4	14
714	Apocynin suppressed the nuclear factor- κ B pathway and attenuated lung injury in a rat hemorrhagic shock model. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 566-574.	2.1	14
716	Renal Tubular Cell-Derived Extracellular Vesicles Accelerate the Recovery of Established Renal Ischemia Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3533-3544.	6.1	79
717	Down-regulation of lncRNA KCNQ1OT1 protects against myocardial ischemia/reperfusion injury following acute myocardial infarction. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 1026-1033.	2.1	131
718	High mobility group box 1 protein attenuates myocardial ischemia reperfusion injury via inhibition of the p38 mitogen-activated protein kinase signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1582-1588.	1.8	18
719	Melatonin and mitochondrial function during ischemia/reperfusion injury. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3989-3998.	5.4	94
720	NKT cells are important mediators of hepatic ischemia-reperfusion injury. <i>Transplant Immunology</i> , 2017, 45, 15-21.	1.2	10
721	Tissue conservation for transplantation. <i>Innovative Surgical Sciences</i> , 2017, 2, 171-187.	0.7	15
722	Irisin protects mitochondria function during pulmonary ischemia/reperfusion injury. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	139
723	Transepidermal oxygen flux measurement – First clinical application for postoperative wound monitoring. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 66, 175-182.	1.7	2
724	The liver protection of propylene glycol alginate sodium sulfate preconditioning against ischemia reperfusion injury: focusing MAPK pathway activity. <i>Scientific Reports</i> , 2017, 7, 15175.	3.3	32
725	Ginsenoside Rg1 Protects Cardiomyocytes Against Hypoxia/Reoxygenation Injury via Activation of Nrf2/HO-1 Signaling and Inhibition of JNK. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 21-37.	1.6	81

#	ARTICLE	IF	CITATIONS
726	Therapeutic targeting of extracellular DNA improves the outcome of intestinal ischemic reperfusion injury in neonatal rats. <i>Scientific Reports</i> , 2017, 7, 15377.	3.3	37
727	Alkaline Phosphatase in Infant Cardiopulmonary Bypass: Kinetics and Relationship to Organ Injury and Major Cardiovascular Events. <i>Journal of Pediatrics</i> , 2017, 190, 49-55.e2.	1.8	19
728	Reperfusion therapyâ€™s Whatâ€™s with the obstructed, leaky and broken capillaries?. <i>Pathophysiology</i> , 2017, 24, 213-228.	2.2	48
729	Regulation of calcium release from the endoplasmic reticulum by the serine hydrolase ABHD2. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1226-1231.	2.1	10
730	The Devil Is in the Detail. <i>Anesthesiology</i> , 2017, 126, 763-765.	2.5	8
731	Disruption of xanthine oxidoreductase gene attenuates renal ischemia reperfusion injury in mice. <i>Life Sciences</i> , 2017, 182, 73-79.	4.3	8
732	Anesthesia Management of Organ Donors. <i>Anesthesiology Clinics</i> , 2017, 35, 395-406.	1.4	7
733	Combined Treatment With Exenatide and Cyclosporine A or Parstatin 1-26 Results in Enhanced Reduction of Infarct Size in a Rabbit Model. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 70, 34-41.	1.9	5
734	Niclosamide attenuates inflammatory cytokines via the autophagy pathway leading to improved outcomes in renal ischemia/reperfusion injury. <i>Molecular Medicine Reports</i> , 2017, 16, 1810-1816.	2.4	21
735	Mechanism of Lycium barbarum polysaccharides on primary cultured rat hippocampal neurons. <i>Cell and Tissue Research</i> , 2017, 369, 455-465.	2.9	17
736	Adenosine A2a Receptor Blockade Diminishes Wnt/ β -Catenin Signaling in a Murine Model of Bleomycin-Induced Dermal Fibrosis. <i>American Journal of Pathology</i> , 2017, 187, 1935-1944.	3.8	33
737	CREG protects from myocardial ischemia/reperfusion injury by regulating myocardial autophagy and apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1893-1903.	3.8	44
738	Levodopa improves learning and memory ability on global cerebral ischemia-reperfusion injured rats in the Morris water maze test. <i>Neuroscience Letters</i> , 2017, 636, 233-240.	2.1	33
739	Collateral blood flow in different cerebrovascular hierarchy provides endogenous protection in cerebral ischemia. <i>Brain Pathology</i> , 2017, 27, 809-821.	4.1	17
740	Delayed graft function and its management in children. <i>Pediatric Nephrology</i> , 2017, 32, 1157-1167.	1.7	18
741	Mesenchymal stem cells attenuate ischemiaâ€™ reperfusion injury after prolonged cold ischemia in a mouse model of lung transplantation: a preliminary study. <i>Surgery Today</i> , 2017, 47, 425-431.	1.5	15
742	Magnetic Resonance Imaging Assessment of Kidney Oxygenation and Perfusion During Sick Cell Vaso-occlusive Crises. <i>American Journal of Kidney Diseases</i> , 2017, 69, 51-59.	1.9	13
743	Exenatide Prevents Morphological and Structural Changes of Mitochondria Following Ischaemia-Reperfusion Injury. <i>Heart Lung and Circulation</i> , 2017, 26, 519-523.	0.4	12

#	ARTICLE	IF	CITATIONS
744	Complement activation by cholesterol crystals triggers a subsequent cytokine response. <i>Molecular Immunology</i> , 2017, 84, 43-50.	2.2	38
745	Kidney temperature course during living organ procurement and transplantation. <i>Transplant International</i> , 2017, 30, 162-169.	1.6	16
746	Quantification of Serial Cerebral Blood Flow in Acute Stroke Using Arterial Spin Labeling. <i>Stroke</i> , 2017, 48, 123-130.	2.0	28
747	The advantageous role of annexin A1 in cardiovascular disease. <i>Cell Adhesion and Migration</i> , 2017, 11, 261-274.	2.7	38
748	Ischemia-Reperfusion Syndrome. , 0, , 1313-1328.		0
749	Marine-derived n-3 fatty acids therapy for stroke. <i>The Cochrane Library</i> , 2017, , .	2.8	4
750	Unacylated ghrelin prevents mitochondrial dysfunction in a model of ischemia/reperfusion liver injury. <i>Cell Death Discovery</i> , 2017, 3, 17077.	4.7	23
751	Enhancing Effect of Hydroxyurea on Hb F in Sickle Cell Disease: Ten-Year Egyptian Experience. <i>Hemoglobin</i> , 2017, 41, 267-273.	0.8	6
752	Characteristic MicroRNA Expression Induced by μ -Opioid Receptor Activation in the Rat Liver Under Prolonged Hypoxia. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 2296-2309.	1.6	36
753	Mouse Model for Pancreas Transplantation Using a Modified Cuff Technique. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
754	Implications of the calcium-sensing receptor in ischemia/reperfusion. <i>Acta Cardiologica</i> , 2017, 72, 125-131.	0.9	13
755	Impact of groin flap ischemia-reperfusion on red blood cell micro-rheological parameters in a follow-up study on rats. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 79, 1-11.	1.7	6
756	Hyperbaric oxygen protects against myocardial reperfusion injury via the inhibition of inflammation and the modulation of autophagy. <i>Oncotarget</i> , 2017, 8, 111522-111534.	1.8	19
757	Therapeutic Potential of Heme Oxygenase-1/carbon Monoxide System Against Ischemia-Reperfusion Injury. <i>Current Pharmaceutical Design</i> , 2017, 23, 3884-3898.	1.9	62
758	Phellinus linteus Mycelium Alleviates Myocardial Ischemia-Reperfusion Injury through Autophagic Regulation. <i>Frontiers in Pharmacology</i> , 2017, 8, 175.	3.5	20
759	Dioxygen and Metabolism; Dangerous Liaisons in Cardiac Function and Disease. <i>Frontiers in Physiology</i> , 2017, 8, 1044.	2.8	3
760	Modulation of Intestinal Microbiome Prevents Intestinal Ischemic Injury. <i>Frontiers in Physiology</i> , 2017, 8, 1064.	2.8	21
761	The Protective Effect of Alpha 7 Nicotinic Acetylcholine Receptor Activation on Critical Illness and Its Mechanism. <i>International Journal of Biological Sciences</i> , 2017, 13, 46-56.	6.4	54

#	ARTICLE	IF	CITATIONS
762	The expression of endothelial and inducible nitric oxide synthase and apoptosis in intestinal ischemia and reperfusion injury under the action of ischemic preconditioning and pentoxifylline. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 935-948.	0.7	2
763	Attenuation of renal ischemic reperfusion injury by salvianolic acid B via suppressing oxidative stress and inflammation through PI3K/Akt signaling pathway. <i>Brazilian Journal of Medical and Biological Research</i> , 2017, 50, e5954.	1.5	30
764	Enhancement of Mitochondrial Transfer by Antioxidants in Human Mesenchymal Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	40
765	Melanin and Melanin-Related Polymers as Materials with Biomedical and Biotechnological Applications—Cuttlefish Ink and Mussel Foot Proteins as Inspired Biomolecules. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1561.	4.1	126
766	Cytoprotective Effect of the UCP2-SIRT3 Signaling Pathway by Decreasing Mitochondrial Oxidative Stress on Cerebral Ischemia—Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1599.	4.1	48
767	NLRP3 Inflammasome Mediates Dormant Neutrophil Recruitment following Sterile Lung Injury and Protects against Subsequent Bacterial Pneumonia in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1337.	4.8	36
768	Efferocytosis and Outside-In Signaling by Cardiac Phagocytes. Links to Repair, Cellular Programming, and Intercellular Crosstalk in Heart. <i>Frontiers in Immunology</i> , 2017, 8, 1428.	4.8	25
769	Evaluation of Alpha-1 Antitrypsin Levels and SERPINA1 Gene Polymorphisms in Sickle Cell Disease. <i>Frontiers in Immunology</i> , 2017, 8, 1491.	4.8	11
770	Neuroprotective Effect of Modified Xijiao Dihuang Decoction against Oxygen-Glucose Deprivation and Reoxygenation-Induced Injury in PC12 Cells: Involvement of TLR4-MyD88/NF- κ B Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.	1.2	9
771	NLRP3 Inflammasome Activation-Mediated Pyroptosis Aggravates Myocardial Ischemia/Reperfusion Injury in Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	4.0	254
772	Leukocyte Trafficking in Cardiovascular Disease: Insights from Experimental Models. <i>Mediators of Inflammation</i> , 2017, 2017, 1-9.	3.0	38
773	RTA-408 Protects Kidney from Ischemia-Reperfusion Injury in Mice via Activating Nrf2 and Downstream GSH Biosynthesis Gene. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	4.0	50
774	Cardioprotective Effect of Danshensu against Ischemic/Reperfusion Injury via c-Subunit of ATP Synthase Inhibition. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-9.	1.2	8
775	Innovations in Liposomal DDS Technology and Its Application for the Treatment of Various Diseases. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 119-127.	1.4	40
776	Protective effect of oxymatrine against renal ischemia/reperfusion injury in rats. <i>Bratislava Medical Journal</i> , 2017, 118, 217-222.	0.8	7
777	The role of ischemic preconditioning and pentoxifylline in intestinal ischemia/reperfusion injury of rats. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 559-567.	0.7	8
778	Activation of complement factor B contributes to murine and human myocardial ischemia/reperfusion injury. <i>PLoS ONE</i> , 2017, 12, e0179450.	2.5	29
779	Renal auto-transplantation promotes cortical microvascular network remodeling in a preclinical porcine model. <i>PLoS ONE</i> , 2017, 12, e0181067.	2.5	14

#	ARTICLE	IF	CITATIONS
780	Mesenchymal stem cell conditioned medium alleviates oxidative stress injury induced by hydrogen peroxide via regulating miR143 and its target protein in hepatocytes. BMC Immunology, 2017, 18, 51.	2.2	15
781	Cerebral microvascular dysfunction in metabolic syndrome is exacerbated by ischemiaâ€“reperfusion injury. BMC Neuroscience, 2017, 18, 67.	1.9	23
782	Multiparametric functional magnetic resonance imaging for evaluation of hepatic warm ischemia-reperfusion injury in a rabbit model. BMC Gastroenterology, 2017, 17, 161.	2.0	7
783	The Effect of Exogenous Peroxiredoxin 6 on the State of Mesenteric Vessels and the Small Intestine in Ischemiaâ€“Reperfusion Injury. Biophysics (Russian Federation), 2017, 62, 998-1008.	0.7	15
784	Effect of Hypothermia on Kinetic Characteristics of Lactate Dehydrogenase in Rat Brain under Conditions of Global Ischemia and Reperfusion. Bulletin of Experimental Biology and Medicine, 2017, 163, 334-337.	0.8	5
785	Technological Advances in Organ Transplantation. , 2017, , .		0
786	Spermidine is protective against kidney ischemia and reperfusion injury through inhibiting DNA nitration and PARP1 activation. Anatomy and Cell Biology, 2017, 50, 200.	1.0	17
787	Hypothermia in Stroke Therapy: Systemic versus Local Application. , 0, , .		4
788	Stage-Specific Effects of Hypoxia on Interstitial Lung Disease. , 2017, , .		0
789	Overexpression of microRNA-146 protects against oxygen-glucose deprivation/recovery-induced cardiomyocyte apoptosis by inhibiting the NF- κ B/TNF- α signaling pathway. Molecular Medicine Reports, 2018, 17, 1913-1918.	2.4	19
790	The Immune Response to the Allograft. , 2017, , 235-246.		0
791	The effects of local ischemic preconditioning and topical hypothermia in renal ischemia/reperfusion injury in rats. Acta Cirurgica Brasileira, 2017, 32, 816-826.	0.7	6
792	Icariin protects against ischemiaâ€“reperfusion injury in H9C2 cells by upregulating heat shock protein 20. Molecular Medicine Reports, 2018, 17, 3336-3343.	2.4	8
793	Carbon monoxide protects the kidney through the central circadian clock and CD39. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2302-E2310.	7.1	61
794	Adjustable delivery of pro-angiogenic FGF-2 by collagen-alginate microspheres. Biology Open, 2018, 7, .	1.2	18
795	Porcine Isolated Liver Perfusion for the Study of Ischemia Reperfusion Injury. Transplantation, 2018, 102, 1039-1049.	1.0	15
796	Hypoxia-inducible factor 2-alpha-dependent induction of amphiregulin dampens myocardial ischemia-reperfusion injury. Nature Communications, 2018, 9, 816.	12.8	100
797	Involvement of brain natriuretic peptide signaling pathway in the cardioprotective action of sitagliptin. Pharmacological Reports, 2018, 70, 720-729.	3.3	8

#	ARTICLE	IF	CITATIONS
798	Triptolide reduces ischemia/reperfusion injury in rats and H9C2 cells via inhibition of NF- κ B, ROS and the ERK1/2 pathway. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3127-3136.	4.0	14
799	Tim-3 exacerbates kidney ischaemia/reperfusion injury through the TLR-4/NF- κ B signalling pathway and an NLR-C4 inflammasome activation. <i>Clinical and Experimental Immunology</i> , 2018, 193, 113-129.	2.6	24
800	Effects of ischemic post-conditioning on neuronal VEGF regulation and microglial polarization in a rat model of focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 2018, 146, 160-172.	3.9	43
801	Modelling ischemia-reperfusion injury (IRI) <i>in vitro</i> using metabolically matured induced pluripotent stem cell-derived cardiomyocytes. <i>APL Bioengineering</i> , 2018, 2, 026102.	6.2	31
802	Effects and influencing factors on hemorheological variables taken into consideration in surgical pathophysiology research. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 133-140.	1.7	23
803	Sickle Cell Anemia and Its Phenotypes. <i>Annual Review of Genomics and Human Genetics</i> , 2018, 19, 113-147.	6.2	66
804	A microfluidic oxygen sink to create a targeted cellular hypoxic microenvironment under ambient atmospheric conditions. <i>Acta Biomaterialia</i> , 2018, 73, 167-179.	8.3	15
805	The Delta Opioid Peptide DADLE Represses Hypoxia-Reperfusion Mimicked Stress Mediated Apoptotic Cell Death in Human Mesenchymal Stem Cells in Part by Downregulating the Unfolded Protein Response and ROS along with Enhanced Anti-Inflammatory Effect. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 558-573.	5.6	12
806	Plasma CXCL1 levels and TRAF3/IP3 variants in patients with myocardial infarction. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22402.	2.1	9
807	The protective effect of alpha-lipoic acid against brain ischemia and reperfusion injury via mTOR signaling pathway in rats. <i>Neuroscience Letters</i> , 2018, 671, 108-113.	2.1	18
808	VEGF mitigates histone-induced pyroptosis in the remote liver injury associated with renal allograft ischemia-reperfusion injury in rats. <i>American Journal of Transplantation</i> , 2018, 18, 1890-1903.	4.7	54
809	Evaluation of the treatment with resveratrol-loaded nanoparticles in intestinal injury model caused by ischemia and reperfusion. <i>Toxicology</i> , 2018, 396-397, 13-22.	4.2	22
810	Transcriptome analysis reveals intermittent fasting-induced genetic changes in ischemic stroke. <i>Human Molecular Genetics</i> , 2018, 27, 1497-1513.	2.9	34
811	Endogenous IL-33 Contributes to Kidney Ischemia-Reperfusion Injury as an Alarmin. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1272-1288.	6.1	66
812	Evaluation of combination therapy with hydrocortisone, vitamin C, and vitamin E in a rat model of intestine ischemia-reperfusion injury. <i>Comparative Clinical Pathology</i> , 2018, 27, 433-439.	0.7	6
813	Plasminogen Activator Inhibitor-1 Promotes Neutrophil Infiltration and Tissue Injury on Ischemia-Reperfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 829-842.	2.4	51
814	Neutrophils and neutrophil extracellular traps in the liver and gastrointestinal system. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 206-221.	17.8	160
815	Activating adenosine A1 receptor accelerates PC12 cell injury via ADORA1/PKC/KATP pathway after intermittent hypoxia exposure. <i>Molecular and Cellular Biochemistry</i> , 2018, 446, 161-170.	3.1	13

#	ARTICLE	IF	CITATIONS
816	Nitric Oxide-Delivering High-Density Lipoprotein-like Nanoparticles as a Biomimetic Nanotherapy for Vascular Diseases. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6904-6916.	8.0	42
817	Engineering the Surface of Therapeutic “Living” Cells. <i>Chemical Reviews</i> , 2018, 118, 1664-1690.	47.7	93
818	Ischemia augments alloimmune injury through IL-6-driven CD4+ alloreactivity. <i>Scientific Reports</i> , 2018, 8, 2461.	3.3	42
819	Stat5-dependent cardioprotection in late remote ischaemia preconditioning. <i>Cardiovascular Research</i> , 2018, 114, 679-689.	3.8	32
820	Protective effect of icaritin on focal cerebral ischemic“reperfusion mice. <i>Chinese Herbal Medicines</i> , 2018, 10, 40-45.	3.0	16
821	Endothelial Progenitor Cells influence acute and subacute stroke hemodynamics. <i>Journal of the Neurological Sciences</i> , 2018, 385, 119-125.	0.6	8
822	Infant cardiopulmonary bypass: CD73 kinetics, association with clinical outcomes, and influence on serum adenosine production capacity. <i>Pediatric Research</i> , 2018, 83, 858-865.	2.3	3
823	Ischemia-Reperfusion Concepts of Myocardial Preconditioning and Postconditioning. , 2018, , 453-467.		0
824	Extracellular ATP signaling and clinical relevance. <i>Clinical Immunology</i> , 2018, 188, 67-73.	3.2	46
825	Ischemia/reperfusion-associated tubular cells injury in renal transplantation: Can metabolomics inform about mechanisms and help identify new therapeutic targets?. <i>Pharmacological Research</i> , 2018, 129, 34-43.	7.1	23
826	Lipid metabolic reprogramming in hepatic ischemia“reperfusion injury. <i>Nature Medicine</i> , 2018, 24, 6-7.	30.7	27
827	Temporal Pattern and Crosstalk of Necroptosis Markers with Autophagy and Apoptosis Associated Proteins in Ischemic Hippocampus. <i>Neurotoxicity Research</i> , 2018, 34, 79-92.	2.7	31
828	Potentiating Tissue-Resident Type 2 Innate Lymphoid Cells by IL-33 to Prevent Renal Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 961-976.	6.1	102
829	MicroRNA-based therapeutics in central nervous system injuries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1125-1148.	4.3	173
830	Hypothermia augments stress response in mammalian cells. <i>Free Radical Biology and Medicine</i> , 2018, 121, 157-168.	2.9	14
831	Targeting the miR-665-3p-ATG4B-autophagy axis relieves inflammation and apoptosis in intestinal ischemia/reperfusion. <i>Cell Death and Disease</i> , 2018, 9, 483.	6.3	73
832	A microfluidic-based lid device for conventional cell culture dishes to automatically control oxygen level. <i>BioTechniques</i> , 2018, 64, 231-234.	1.8	3
833	Choline Inhibits Ischemia-Reperfusion-Induced Cardiomyocyte Autophagy in Rat Myocardium by Activating Akt/mTOR Signaling. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 2136-2144.	1.6	40

#	ARTICLE	IF	CITATIONS
834	Optimum Perfusate Volume of Purified Subnormothermic Machine Perfusion for Porcine Liver Donated After Cardiac Death. Transplantation Proceedings, 2018, 50, 2830-2833.	0.6	6
835	Identification and Complete Stereochemical Assignments of the New Resolvin Conjugates in Tissue Regeneration in Human Tissues that Stimulate Proresolving Phagocyte Functions and Tissue Regeneration. American Journal of Pathology, 2018, 188, 950-966.	3.8	49
836	Organ preservation: from the past to the future. Acta Pharmacologica Sinica, 2018, 39, 845-857.	6.1	97
837	Protective role and mechanism of snakegourd peel against myocardial infarction in rats. Phytomedicine, 2018, 42, 18-24.	5.3	8
838	Mild Hypothermia Pretreatment Attenuates Liver Ischemia Reperfusion Injury Through Inhibiting c-Jun NH2-terminal Kinase Phosphorylation in Rats. Transplantation Proceedings, 2018, 50, 259-266.	0.6	4
839	Protective Effects of Danlou Tablet (ä¸è¸ç¸) against Murine Myocardial Ischemia and Reperfusion Injury In Vivo. Chinese Journal of Integrative Medicine, 2018, 24, 613-620.	1.6	15
840	Senescence in chronic allograft nephropathy. American Journal of Physiology - Renal Physiology, 2018, 315, F880-F889.	2.7	12
841	Mitochondria-targeted antioxidant MitoQ reduced renal damage caused by ischemia-reperfusion injury in rodent kidneys: Longitudinal observations of T2-weighted imaging and dynamic contrast-enhanced MRI. Magnetic Resonance in Medicine, 2018, 79, 1559-1567.	3.0	30
842	The mechanism of long non-coding RNA MEG3 for hepatic ischemia-reperfusion: Mediated by miR-34a/Nrf2 signaling pathway. Journal of Cellular Biochemistry, 2018, 119, 1163-1172.	2.6	44
843	L-Carnitine and Potential Protective Effects Against Ischemia-Reperfusion Injury in Noncardiac Organs: From Experimental Data to Potential Clinical Applications. Journal of Dietary Supplements, 2018, 15, 740-756.	2.6	16
844	Long Noncoding RNAs: New Players in Ischaemia-Reperfusion Injury. Heart Lung and Circulation, 2018, 27, 322-332.	0.4	40
845	Heparanase regulates the M1 polarization of renal macrophages and their crosstalk with renal epithelial tubular cells after ischemia/reperfusion injury. FASEB Journal, 2018, 32, 742-756.	0.5	38
846	Mechanism of aquaporin 4 (AQP 4) up-regulation in rat cerebral edema under hypobaric hypoxia and the preventative effect of puerarin. Life Sciences, 2018, 193, 270-281.	4.3	37
847	Propofol Prevents Oxidative Stress by Decreasing the Ischemic Accumulation of Succinate in Focal Cerebral Ischemia-Reperfusion Injury. Neurochemical Research, 2018, 43, 420-429.	3.3	36
848	Comparative study of amlodipine vs. cilnidipine for the prevention of hepatic ischemia-reperfusion injury in rat model. Fundamental and Clinical Pharmacology, 2018, 32, 163-173.	1.9	3
849	Tamm-Horsfall Protein Regulates Mononuclear Phagocytes in the Kidney. Journal of the American Society of Nephrology: JASN, 2018, 29, 841-856.	6.1	70
850	Astaxanthin-antioxidant impact on excessive Reactive Oxygen Species generation induced by ischemia and reperfusion injury. Chemico-Biological Interactions, 2018, 279, 145-158.	4.0	83
851	Intestinal ischemia-reperfusion leads to early systemic micro-rheological and multiorgan microcirculatory alterations in the rat. Clinical Hemorheology and Microcirculation, 2018, 68, 35-44.	1.7	15

#	ARTICLE	IF	CITATIONS
852	An ALOX12â€“12-HETEâ€“GPR31 signaling axis is a key mediator of hepatic ischemiaâ€“reperfusion injury. <i>Nature Medicine</i> , 2018, 24, 73-83.	30.7	155
853	Supplemental oxygen therapy does not affect the systemic inflammatory response to acute myocardial infarction. <i>Journal of Internal Medicine</i> , 2018, 283, 334-345.	6.0	4
854	Endothelial progenitor cells enhance bloodâ€“brain barrier permeability in subacute stroke. <i>Neurology</i> , 2018, 90, e127-e134.	1.1	20
855	Myrtenol protects against myocardial ischemia-reperfusion injury through antioxidant and anti-apoptotic dependent mechanisms. <i>Food and Chemical Toxicology</i> , 2018, 111, 557-566.	3.6	34
856	Asiatic acid ameliorates hepatic ischemia/reperfusion injury in rats via mitochondria-targeted protective mechanism. <i>Toxicology and Applied Pharmacology</i> , 2018, 338, 214-223.	2.8	30
857	Ischemia-Reperfusion Injury in Aged Liversâ€“The Energy Metabolism, Inflammatory Response, and Autophagy. <i>Transplantation</i> , 2018, 102, 368-377.	1.0	68
858	Targeting Hypoxia Signaling for Perioperative Organ Injury. <i>Anesthesia and Analgesia</i> , 2018, 126, 308-321.	2.2	64
859	Intestinal and Limb Ischemic Preconditioning Provides a Combined Protective Effect in the Late Phase, But not in the Early Phase, Against Intestinal Injury Induced by Intestinal Ischemiaâ€“Reperfusion in Rats. <i>Shock</i> , 2018, 49, 596-603.	2.1	19
860	Is Ischemic Preconditioning Feasible to Improve Performance at Moderate Altitude?. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2612-2612.	0.4	3
861	Cardioprotective effect of rosuvastatin against isoproterenol-induced myocardial infarction injury in rats. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3509-3516.	4.0	29
862	Mitochondrial Autophagy and NLRP3 Inflammasome in Pulmonary Tissues from Severe Combined Immunodeficient Mice after Cardiac Arrest and Cardiopulmonary Resuscitation. <i>Chinese Medical Journal</i> , 2018, 131, 1174-1184.	2.3	7
863	Mechanisms of cardiovascular disease in obstructive sleep apnoea. <i>Journal of Thoracic Disease</i> , 2018, 10, S4201-S4211.	1.4	57
864	Cardiac fibrosis in regenerative medicine: destroy to rebuild. <i>Journal of Thoracic Disease</i> , 2018, 10, S2376-S2389.	1.4	15
865	The Role of Peroxiredoxins in Various Diseases Caused by Oxidative Stress and the Prospects of Using Exogenous Peroxiredoxins. <i>Biophysics (Russian Federation)</i> , 2018, 63, 576-589.	0.7	5
866	p21 protects cardiomyocytes against ischemia-reperfusion injury by inhibiting oxidative stress. <i>Molecular Medicine Reports</i> , 2018, 17, 4665-4671.	2.4	13
867	Clinical manifestations and basic mechanisms of myocardial ischemia/reperfusion injury. <i>Tzu Chi Medical Journal</i> , 2018, 30, 209.	1.1	56
868	The Mutual Relation of Platelet Activation and Innate Immunity. <i>Hamostaseologie</i> , 2018, 38, 186-202.	1.9	11
869	Hypothermia and brain inflammation after cardiac arrest. <i>Brain Circulation</i> , 2018, 4, 1.	1.8	35

#	ARTICLE	IF	CITATIONS
870	Differential expression of circulating long non-coding RNAs in patients with acute myocardial infarction. <i>Medicine (United States)</i> , 2018, 97, e13066.	1.0	11
871	Ischemia reperfusion injury in kidney transplantation. <i>Medicine (United States)</i> , 2018, 97, e13650.	1.0	21
872	MicroRNA-24-3p Attenuates Myocardial Ischemia/Reperfusion Injury by Suppressing RIPK1 Expression in Mice. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 46-62.	1.6	67
873	Platelet bio-nanobubbles as microvascular recanalization nanoformulation for acute ischemic stroke lesion theranostics. <i>Theranostics</i> , 2018, 8, 4870-4883.	10.0	70
874	Complement Inhibitor CRIg/FH Ameliorates Renal Ischemia Reperfusion Injury via Activation of PI3K/AKT Signaling. <i>Journal of Immunology</i> , 2018, 201, 3717-3730.	0.8	24
875	MicroRNA-122 Mimic Improves Stroke Outcomes and Indirectly Inhibits NOS2 After Middle Cerebral Artery Occlusion in Rats. <i>Frontiers in Neuroscience</i> , 2018, 12, 767.	2.8	11
876	IRAK-M Deficiency Exacerbates Ischemic Neurovascular Injuries in Experimental Stroke Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 504.	3.7	26
877	Barriers and Advances in Kidney Preservation. <i>BioMed Research International</i> , 2018, 2018, 1-15.	1.9	25
878	Impact of intermittent fasting on human health: an extended review of metabolic cascades. <i>International Journal of Food Properties</i> , 2018, 21, 2700-2713.	3.0	10
879	Resveratrol Suppresses Gut-Derived NLRP3 Inflammasome Partly through Stabilizing Mast Cells in a Rat Model. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	3.0	22
880	Efficacy of <sc>SMTP</sc>â€7, a smallâ€molecule antiâ€inflammatory thrombolytic, in embolic stroke in monkeys. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00448.	2.4	18
881	Hydromorphone postconditioning protects isolated rat heart against ischemiaâ€reperfusion injury via activating P13K/Akt/eNOS signaling. <i>Cardiovascular Therapeutics</i> , 2018, 36, e12481.	2.5	9
882	Molecular Mechanisms and Pathophysiology of Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4093.	4.1	14
883	Irisin Protects Heart Against Ischemia-Reperfusion Injury Through a SOD2-Dependent Mitochondria Mechanism. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 259-269.	1.9	90
884	SIRT3 a Major Player in Attenuation of Hepatic Ischemia-Reperfusion Injury by Reducing ROS via Its Downstream Mediators: SOD2, CYP-D, and HIF-1<i>±</i>. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	4.0	52
885	The role of inflammasome complex in ischemiaâ€reperfusion injury. <i>Journal of Cellular Biochemistry</i> , 2023, 124, 755-764.	2.6	11
886	Protective Effects and Target Network Analysis of Ginsenoside Rg1 in Cerebral Ischemia and Reperfusion Injury: A Comprehensive Overview of Experimental Studies. <i>Cells</i> , 2018, 7, 270.	4.1	130
887	Pretreatment with Total Flavonoid Extract from <i>Dracocephalum Moldavica</i> L. Attenuates Ischemia Reperfusion-induced Apoptosis. <i>Scientific Reports</i> , 2018, 8, 17491.	3.3	32

#	ARTICLE	IF	CITATIONS
888	Multiple Combination of <i>Angelica gigas</i> Extract and Mesenchymal Stem Cells Enhances Therapeutic Effect. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1748-1756.	1.4	6
889	Endothelial Atg7 Deficiency Ameliorates Acute Cerebral Injury Induced by Ischemia/Reperfusion. <i>Frontiers in Neurology</i> , 2018, 9, 998.	2.4	19
890	The impact of chronic intermittent hypoxia on the expression of intercellular cell adhesion molecule-1 and vascular endothelial growth factor in the ischemia-reperfusion rat model. <i>Folia Neuropathologica</i> , 2018, 56, 159-166.	1.2	8
891	Angiopoietin-Like 4 Attenuates Brain Edema and Neurological Deficits in a Mouse Model of Experimental Intracerebral Hemorrhage. <i>Medical Science Monitor</i> , 2018, 24, 880-890.	1.1	16
892	The Role of Circular RNAs in Cerebral Ischemic Diseases: Ischemic Stroke and Cerebral Ischemia/Reperfusion Injury. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1087, 309-325.	1.6	61
893	Therapeutic Effects of Wenxin Keli in Cardiovascular Diseases: An Experimental and Mechanism Overview. <i>Frontiers in Pharmacology</i> , 2018, 9, 1005.	3.5	30
894	Combined Therapy with SS31 and Mitochondria Mitigates Myocardial Ischemia-Reperfusion Injury in Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2782.	4.1	42
895	LncRNA-HOTAIR inhibition aggravates oxidative stress-induced H9c2 cells injury through suppression of MMP2 by miR-125. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 996-1006.	2.0	45
896	Neuroprotective Effects of Radix Scrophulariae on Cerebral Ischemia and Reperfusion Injury via MAPK Pathways. <i>Molecules</i> , 2018, 23, 2401.	3.8	56
897	Intravenous dextran 70 infusion has protective effects on ischemia reperfusion injury of kidney: an experimental study. <i>Minerva Urology and Nephrology</i> , 2018, 70, 202-210.	2.5	1
898	Role of miR-148a in Mitigating Hepatic Ischemia-Reperfusion Injury by Repressing the TLR4 Signaling Pathway via Targeting CaMKII α in Vivo and in Vitro. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 2060-2072.	1.6	29
899	Effects of Limb Revascularization Procedures on Oxidative Stress. <i>Journal of Surgical Research</i> , 2018, 232, 503-509.	1.6	10
900	Inhibiting Succinate Dehydrogenase by Dimethyl Malonate Alleviates Brain Damage in a Rat Model of Cardiac Arrest. <i>Neuroscience</i> , 2018, 393, 24-32.	2.3	35
901	Analyses of changes in myocardial long non-coding RNA and mRNA profiles after severe hemorrhagic shock and resuscitation via RNA sequencing in a rat model. <i>BMC Molecular Biology</i> , 2018, 19, 11.	3.0	9
902	Inhibition of Connexin 43 Hemichannels Alleviates Cerebral Ischemia/Reperfusion Injury via the TLR4 Signaling Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 372.	3.7	41
904	Assessment of the effects of levosimendan and thymoquinone on lung injury after myocardial ischemia reperfusion in rats. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 1347-1352.	4.3	14
905	Oxidative stress on ischemia/reperfusion injury in mice with non-alcoholic hepatic steatosis or steatohepatitis. <i>Acta Cirurgica Brasileira</i> , 2018, 33, 753-761.	0.7	3
906	Whole Body Vibration Therapy after Ischemia Reduces Brain Damage in Reproductively Senescent Female Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2749.	4.1	31

#	ARTICLE	IF	CITATIONS
907	Exacerbated metabolic changes in skeletal muscle of sickle cell mice submitted to an acute ischemia–reperfusion paradigm. <i>Clinical Science</i> , 2018, 132, 2103-2115.	4.3	1
908	Phenotypic miRNA Screen Identifies miR-26b to Promote the Growth and Survival of Endothelial Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 29-43.	5.1	30
909	Modulation of apoptosis-related microRNA's following myocardial infarction in <i>fat-1</i> transgenic mice vs wild-type mice. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5698-5707.	3.6	31
910	The missing middle of sickle therapeutics: Multi-agent therapy, targeting risk, using biomarkers. <i>American Journal of Hematology</i> , 2018, 93, 1439-1443.	4.1	3
911	Activity-Based Protein Profiling of Intraoperative Serine Hydrolase Activities during Cardiac Surgery. <i>Journal of Proteome Research</i> , 2018, 17, 3547-3556.	3.7	7
912	Pharmacological inhibition of Rac1 exerts a protective role in ischemia/reperfusion-induced renal fibrosis. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2517-2523.	2.1	14
913	Inflammasomes in Tissue Damages and Immune Disorders After Trauma. <i>Frontiers in Immunology</i> , 2018, 9, 1900.	4.8	153
914	Cold-inducible RNA-binding protein-derived peptide C23 attenuates inflammation and tissue injury in a murine model of intestinal ischemia-reperfusion. <i>Surgery</i> , 2018, 164, 1191-1197.	1.9	23
915	Inhibiting aberrant p53-PUMA feedback loop activation attenuates ischaemia reperfusion-induced neuroapoptosis and neuroinflammation in rats by downregulating caspase 3 and the NF- κ B cytokine pathway. <i>Journal of Neuroinflammation</i> , 2018, 15, 250.	7.2	23
916	PI3K/Akt and HIF-1 signaling pathway in hypoxia–ischemia (Review). <i>Molecular Medicine Reports</i> , 2018, 18, 3547-3554.	2.4	201
917	Healing of autologous conjunctival grafts in pterygium surgery. <i>Acta Ophthalmologica</i> , 2018, 96, e979-e988.	1.1	6
918	Measuring success: utility of biomarkers in sickle cell disease clinical trials and care. <i>Hematology American Society of Hematology Education Program</i> , 2018, 2018, 482-492.	2.5	22
919	DJ1 and microRNA-214 act synergistically to rescue myoblast cells after ischemia/reperfusion injury. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7192-7203.	2.6	8
920	How I diagnose and treat venous thromboembolism in sickle cell disease. <i>Blood</i> , 2018, 132, 1761-1769.	1.4	29
921	Ultrasound-Enhanced Protective Effect of Tetramethylpyrazine via the ROS/HIF-1A Signaling Pathway in an in Vitro Cerebral Ischemia/Reperfusion Injury Model. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1786-1798.	1.5	13
922	Prolonged forearm ischemia attenuates endothelium-dependent vasodilatation and plasma nitric oxide metabolites in overweight middle-aged men. <i>European Journal of Applied Physiology</i> , 2018, 118, 1565-1572.	2.5	11
923	Mitochondrial uncoupling, ROS generation and cardioprotection. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 940-950.	1.0	356
924	Synaptic transmission and excitability during hypoxia with inflammation and reoxygenation in hippocampal CA1 neurons. <i>Neuropharmacology</i> , 2018, 138, 20-31.	4.1	14

#	ARTICLE	IF	CITATIONS
925	Î±7 Nicotinic acetylcholine receptor contributes to the alleviation of lung ischemia-reperfusion injury by transient receptor potential vanilloid type 1 stimulation. Journal of Surgical Research, 2018, 230, 164-174.	1.6	4
926	Initiation of the inflammatory response after renal ischemia/reperfusion injury during renal transplantation. International Urology and Nephrology, 2018, 50, 2027-2035.	1.4	22
927	Metformin reverses established lung fibrosis in a bleomycin model. Nature Medicine, 2018, 24, 1121-1127.	30.7	411
928	Morinda citrifolia L. Leaf Extract Protects against Cerebral Ischemia and Osteoporosis in an In Vivo Experimental Model of Menopause. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	4.0	4
929	Macroautophagy and Chaperone-Mediated Autophagy in Heart Failure: The Known and the Unknown. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-22.	4.0	51
930	MicroRNA miR-223 as regulator of innate immunity. Journal of Leukocyte Biology, 2018, 104, 515-524.	3.3	127
931	Cerebral Ischemic Reperfusion Injuries (CIRI). Springer Series in Translational Stroke Research, 2018, , .	0.1	0
932	Glutamate as a potential survival factor in an in vitro model of neuronal hypoxia/reoxygenation injury: leading role of the Na ⁺ /Ca ²⁺ exchanger. Cell Death and Disease, 2018, 9, 731.	6.3	39
933	Donation after brain death followed by circulatory death, a novel donation pattern, confers comparable renal allograft outcomes with donation after brain death. BMC Nephrology, 2018, 19, 164.	1.8	9
934	Ozone protects the rat lung from ischemia-reperfusion injury by attenuating NLRP3-mediated inflammation, enhancing Nrf2 antioxidant activity and inhibiting apoptosis. European Journal of Pharmacology, 2018, 835, 82-93.	3.5	32
935	Hypoxic conditioning in blood vessels and smooth muscle tissues: effects on function, mechanisms, and unknowns. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H756-H770.	3.2	14
936	Pannexin-1 channels on endothelial cells mediate vascular inflammation during lung ischemia-reperfusion injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L301-L312.	2.9	82
937	Anti-inflammatory treatments for stroke: from bench to bedside. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641878985.	3.5	74
938	Tnfrsf12a-Mediated Atherosclerosis Signaling and Inflammatory Response as a Common Protection Mechanism of Shuxuening Injection Against Both Myocardial and Cerebral Ischemia-Reperfusion Injuries. Frontiers in Pharmacology, 2018, 9, 312.	3.5	30
939	Dexamethasone Protects Against Tourniquet-Induced Acute Ischemia-Reperfusion Injury in Mouse Hindlimb. Frontiers in Physiology, 2018, 9, 244.	2.8	29
940	Gualou Xiebai Decoction, a Traditional Chinese Medicine, Prevents Cardiac Reperfusion Injury of Hyperlipidemia Rat via Energy Modulation. Frontiers in Physiology, 2018, 9, 296.	2.8	30
941	Stimulation of P2Y11 receptor modulates cardiac fibroblasts secretome toward immunomodulatory and protective roles after Hypoxia/Reoxygenation injury. Journal of Molecular and Cellular Cardiology, 2018, 121, 212-222.	1.9	15
942	Brg1 deficiency in vascular endothelial cells blocks neutrophil recruitment and ameliorates cardiac ischemia-reperfusion injury in mice. International Journal of Cardiology, 2018, 269, 250-258.	1.7	48

#	ARTICLE	IF	CITATIONS
943	Icariin protects cardiomyocytes against ischaemia/reperfusion injury by attenuating sirtuin 1â€dependent mitochondrial oxidative damage. <i>British Journal of Pharmacology</i> , 2018, 175, 4137-4153.	5.4	69
944	Histone deacetylase 8 protects human proximal tubular epithelial cells from hypoxia-mimetic cobalt- and hypoxia/reoxygenation-induced mitochondrial fission and cytotoxicity. <i>Scientific Reports</i> , 2018, 8, 11332.	3.3	10
945	Paeoniflorin protects against liver ischemia/reperfusion injury in mice via inhibiting HMGB1â€TLR4 signaling pathway. <i>Phytotherapy Research</i> , 2018, 32, 2247-2255.	5.8	49
946	Mitophagy in Cardiomyocytes and in Platelets: A Major Mechanism of Cardioprotection Against Ischemia/Reperfusion Injury. <i>Physiology</i> , 2018, 33, 86-98.	3.1	38
947	Dual Effect of Hepatic Macrophages on Liver Ischemia and Reperfusion Injury during Liver Transplantation. <i>Immune Network</i> , 2018, 18, e24.	3.6	41
948	Dissociation of C-Reactive Protein Localizes and Amplifies Inflammation: Evidence for a Direct Biological Role of C-Reactive Protein and Its Conformational Changes. <i>Frontiers in Immunology</i> , 2018, 9, 1351.	4.8	122
949	Stem/Stromal Cells for Treatment of Kidney Injuries With Focus on Preclinical Models. <i>Frontiers in Medicine</i> , 2018, 5, 179.	2.6	45
950	Biochemical Properties of Human D-amino Acid Oxidase Variants and Their Potential Significance in Pathologies. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 55.	3.5	24
951	Ursolic Acid Ameliorates Inflammation in Cerebral Ischemia and Reperfusion Injury Possibly via High Mobility Group Box 1/Toll-Like Receptor 4/NFâ€B Pathway. <i>Frontiers in Neurology</i> , 2018, 9, 253.	2.4	45
952	New Paradigms in Cell Therapy. <i>Circulation Research</i> , 2018, 123, 138-158.	4.5	105
953	Neuroprotection of Cytisine Against Cerebral Ischemiaâ€Reperfusion Injury in Mice by Regulating NR2B-ERK/CREB Signal Pathway. <i>Neurochemical Research</i> , 2018, 43, 1575-1586.	3.3	22
954	Î±-lipoic acid reduces postreperfusion syndrome in human liver transplantation - a pilot study. <i>Transplant International</i> , 2018, 31, 1357-1368.	1.6	19
955	Cobra Venom Factor-induced complement depletion protects against lung ischemia reperfusion injury through alleviating blood-air barrier damage. <i>Scientific Reports</i> , 2018, 8, 10346.	3.3	16
956	Consecutive Isoproterenol and Adenosine Treatment Confers Marked Protection against Reperfusion Injury in Adult but Not in Immature Heart: A Role for Glycogen. <i>International Journal of Molecular Sciences</i> , 2018, 19, 494.	4.1	2
957	Heat Shock Proteins in the Kidney: What Is Known About Their Role in Kidney Disease. <i>Heat Shock Proteins</i> , 2018, , 261-271.	0.2	0
958	Frontiers in pediatric testicular torsion: An integrated review of prevailing trends and management outcomes. <i>Journal of Pediatric Urology</i> , 2018, 14, 394-401.	1.1	40
959	The Role of Apelin in Cardiovascular Diseases, Obesity and Cancer. <i>Frontiers in Physiology</i> , 2018, 9, 557.	2.8	184
960	Monocyte Chemoattractant Proteinâ€Induced Protein 1 Targets Hypoxiaâ€Inducible Factor 1Î± to Protect Against Hepatic Ischemia/Reperfusion Injury. <i>Hepatology</i> , 2018, 68, 2359-2375.	7.3	31

#	ARTICLE	IF	CITATIONS
961	Hemorheological and metabolic consequences of renal ischemia-reperfusion and their modulation by N,N-dimethyl-tryptamine on a rat model. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 107-117.	1.7	10
962	MicroRNA-486 Alleviates Hypoxia-Induced Damage in H9c2 Cells by Targeting NDRG2 to Inactivate JNK/C-Jun and NF- κ B Signaling Pathways. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2483-2492.	1.6	29
963	Ferulic Acid Protected from Kidney Ischemia Reperfusion Injury in Mice: Possible Mechanism Through Increasing Adenosine Generation via HIF-1 α . <i>Inflammation</i> , 2018, 41, 2068-2078.	3.8	35
964	Cell permeable HMGB1-binding heptamer peptide ameliorates neurovascular complications associated with thrombolytic therapy in rats with transient ischemic stroke. <i>Journal of Neuroinflammation</i> , 2018, 15, 237.	7.2	31
965	Regulatory role of IKK ϵ in myocardial ischemia/reperfusion injury by the determination of M1 versus M2 polarization of macrophages. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 123, 1-12.	1.9	16
966	Potential Effectiveness of Chinese Patent Medicine Tongxinluo Capsule for Secondary Prevention After Acute Myocardial Infarction: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Frontiers in Pharmacology</i> , 2018, 9, 830.	3.5	20
967	Optical Nanoparticles for Cardiovascular Imaging. <i>Advanced Optical Materials</i> , 2018, 6, 1800626.	7.3	27
968	Life of a liver awaiting transplantation. <i>Nature</i> , 2018, 557, 40-41.	27.8	8
969	Role of CXCR1 and Interleukin-8 in Methamphetamine-Induced Neuronal Apoptosis. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 230.	3.7	23
970	Adeno-Associated Virus-Mediated Gene Transfer of Tissue Inhibitor of Metalloproteinases-1 Impairs Neutrophil Extracellular Trap Formation and Ameliorates Hepatic Ischemia and Reperfusion Injury. <i>American Journal of Pathology</i> , 2018, 188, 1820-1832.	3.8	16
971	Proteo-metabolomics reveals compensation between ischemic and non-injured contralateral kidneys after reperfusion. <i>Scientific Reports</i> , 2018, 8, 8539.	3.3	39
972	Hepatic Dendritic Cells, the Tolerogenic Liver Environment, and Liver Disease. <i>Seminars in Liver Disease</i> , 2018, 38, 170-180.	3.6	43
973	Beneficial effects of remote organ ischemic preconditioning on micro-rheological parameters during liver ischemia-reperfusion in the rat. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 181-190.	1.7	9
974	Intestinal Stem Cell Isolation and Culture in a Porcine Model of Segmental Small Intestinal Ischemia. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
975	Metformin protects PC12 cells against oxygen-glucose deprivation/reperfusion injury. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 622-629.	2.7	10
976	NLRP3/ASC-mediated alveolar macrophage pyroptosis enhances HMGB1 secretion in acute lung injury induced by cardiopulmonary bypass. <i>Laboratory Investigation</i> , 2018, 98, 1052-1064.	3.7	107
977	A Prospective Randomized Clinical Trial of a Novel, Noninvasive Perfusion Enhancement System for the Prevention of Hospital-Acquired Sacral Pressure Injuries. <i>Journal of Wound, Ostomy and Continence Nursing</i> , 2018, 45, 310-318.	1.0	3
978	S1P1 receptor inhibits kidney epithelial mesenchymal transition triggered by ischemia/reperfusion injury via the PI3K/Akt pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 651-657.	2.0	6

#	ARTICLE	IF	CITATIONS
979	Endovascular Perfusion Augmentation for Critical Care: Partial Aortic Occlusion for Treatment of Severe Ischemiaâ€“Reperfusion Shock. Shock, 2019, 51, 659-666.	2.1	15
980	Effects of Psychosocial Stress on Subsequent Hemorrhagic Shock and Resuscitation in Male Mice. Shock, 2019, 51, 725-730.	2.1	10
981	Mitochondrial mechanisms and therapeutics in ischaemia reperfusion injury. Pediatric Nephrology, 2019, 34, 1167-1174.	1.7	56
982	Creg in Hepatocytes Ameliorates Liver Ischemia/Reperfusion Injury in a TAK1â€“Dependent Manner in Mice. Hepatology, 2019, 69, 294-313.	7.3	58
983	Crosstalk Between Connexin32 and Mitochondrial Apoptotic Signaling Pathway Plays a Pivotal Role in Renal Ischemia Reperfusion-Induced Acute Kidney Injury. Antioxidants and Redox Signaling, 2019, 30, 1521-1538.	5.4	27
984	The protective role of curcumin in myocardial ischemiaâ€“reperfusion injury. Journal of Cellular Physiology, 2019, 234, 214-222.	4.1	125
985	Effect of microRNAâ€“26a on vascular endothelial cell injury caused by lower extremity ischemiaâ€“reperfusion injury through the AMPK pathway by targeting PFKFB3. Journal of Cellular Physiology, 2019, 234, 2916-2928.	4.1	11
986	Defining the optimal duration for normothermic regional perfusion in the kidney donor: A porcine preclinical study. American Journal of Transplantation, 2019, 19, 737-751.	4.7	36
987	Plasma From Patients Undergoing Liver Transplantation Is Resistant to Anticoagulant Activity of Soluble Thrombomodulin. Liver Transplantation, 2019, 25, 252-259.	2.4	2
988	Mathematical modeling of energy consumption in the acute inflammatory response. Journal of Theoretical Biology, 2019, 460, 101-114.	1.7	8
989	Cardioprotection of Tetrahedral DNA Nanostructures in Myocardial Ischemia-Reperfusion Injury. ACS Applied Materials & Interfaces, 2019, 11, 30631-30639.	8.0	50
990	TAK242 suppresses the TLR4 signaling pathway and ameliorates DCD liver IRI in rats. Molecular Medicine Reports, 2019, 20, 2101-2110.	2.4	12
991	Purinergic Signaling in Pulmonary Inflammation. Frontiers in Immunology, 2019, 10, 1633.	4.8	81
992	Evaluation of Coronary Flow Reserve After Myocardial Ischemia Reperfusion in Rats. Journal of Visualized Experiments, 2019, , .	0.3	7
993	Preliminary evaluation of 18Fâ€“AlFâ€“NOTAâ€“MALâ€“Cys40â€“Exendinâ€“4 in rodent heart after myocardial ischemia and reperfusion. Molecular Medicine Reports, 2019, 20, 2276-2284.	2.4	1
994	Ceria Nanoparticles Meet Hepatic Ischemiaâ€“Reperfusion Injury: The Perfect Imperfection. Advanced Materials, 2019, 31, e1902956.	21.0	150
995	Therapeutic Modulation of the Complement Cascade in Stroke. Frontiers in Immunology, 2019, 10, 1723.	4.8	17
996	Organ preservation: which temperature for which organ?. Journal of International Medical Research, 2019, 47, 2323-2325.	1.0	11

#	ARTICLE	IF	CITATIONS
997	Total parenteral nutrition in ex vivo lung perfusion: Addressing metabolism improves both inflammation and oxygenation. American Journal of Transplantation, 2019, 19, 3390-3397.	4.7	24
998	RbAp48 expression and neuronal damage in the gerbil hippocampus following 5 min of transient ischemia. Laboratory Animal Research, 2019, 35, 12.	2.5	0
999	Influence of Hypoxic Preservation Temperature on Endothelial Cells and Kidney Integrity. BioMed Research International, 2019, 2019, 1-15.	1.9	13
1000	TGF- β 2 Induces Gli1 in a Smad3-Dependent Manner Against Cerebral Ischemia/Reperfusion Injury After Isoflurane Post-conditioning in Rats. Frontiers in Neuroscience, 2019, 13, 636.	2.8	18
1001	Delayed Effects of Acute Reperfusion on Vascular Remodeling and Late-Phase Functional Recovery After Stroke. Frontiers in Neuroscience, 2019, 13, 767.	2.8	11
1002	Liposomes for drug delivery in stroke. Brain Research Bulletin, 2019, 152, 246-256.	3.0	44
1003	Machine Perfusion and the Pancreas: Will It Increase the Donor Pool?. Current Diabetes Reports, 2019, 19, 56.	4.2	18
1004	Resolvin D1 Attenuates Myocardial Infarction in a Rodent Model with the Participation of the HMGB1 Pathway. Cardiovascular Drugs and Therapy, 2019, 33, 399-406.	2.6	9
1005	Systems engineering the organ preservation process for transplantation. Current Opinion in Biotechnology, 2019, 58, 192-201.	6.6	18
1006	Diverse functions of DNA glycosylases processing oxidative base lesions in brain. DNA Repair, 2019, 81, 102665.	2.8	10
1007	Scoparone protects neuronal cells from oxygen glucose deprivation/reoxygenation injury. RSC Advances, 2019, 9, 2302-2308.	3.6	4
1008	Metabolic Nano-Machines: Extracellular Vesicles Containing Active Enzymes and Their Contribution to Liver Diseases. Current Pathobiology Reports, 2019, 7, 119-127.	3.4	5
1009	Cardioprotective effect of IGF-1 against myocardial ischemia/reperfusion injury through activation of PI3K/Akt pathway in rats in vivo. Journal of International Medical Research, 2019, 47, 3886-3897.	1.0	28
1010	Tissue Dependent Role of PTX3 During Ischemia-Reperfusion Injury. Frontiers in Immunology, 2019, 10, 1461.	4.8	27
1011	Protective role of exogenous recombinant peroxiredoxin 6 under ischemia-reperfusion injury of kidney. Cell and Tissue Research, 2019, 378, 319-332.	2.9	20
1012	NDUFAB1 confers cardio-protection by enhancing mitochondrial bioenergetics through coordination of respiratory complex and supercomplex assembly. Cell Research, 2019, 29, 754-766.	12.0	66
1013	Systems Network Genomic Analysis Reveals Cardioprotective Effect of MURC/Cavin4 Deletion Against Ischemia/Reperfusion Injury. Journal of the American Heart Association, 2019, 8, e012047.	3.7	10
1014	Tripartite Motif 8 Deficiency Relieves Hepatic Ischaemia/reperfusion Injury via TAK1-dependent Signalling Pathways. International Journal of Biological Sciences, 2019, 15, 1618-1629.	6.4	24

#	ARTICLE	IF	CITATIONS
1015	Thrombo-inflammation in acute ischaemic stroke – implications for treatment. <i>Nature Reviews Neurology</i> , 2019, 15, 473-481.	10.1	194
1016	A champagne inspired dual chain-responsive thrombolytic drug release platform based on black phosphorus nanosheets for accelerated thrombolysis. <i>Nanoscale Horizons</i> , 2019, 4, 1277-1285.	8.0	19
1017	MicroRNA-141 protects PC12 cells against hypoxia/reoxygenation-induced injury via regulating Keap1-Nrf2 signaling pathway. <i>Journal of Bioenergetics and Biomembranes</i> , 2019, 51, 291-300.	2.3	20
1018	Oxycodone suppresses the apoptosis of hippocampal neurons induced by oxygen-glucose deprivation/recovery through caspase-dependent and caspase-independent pathways via μ - and δ -opioid receptors in rats. <i>Brain Research</i> , 2019, 1721, 146319.	2.2	10
1019	Novel Molecular Targets Participating in Myocardial Ischemia-Reperfusion Injury and Cardioprotection. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-16.	1.1	38
1021	Ischemia/Reperfusion Injury Revisited: An Overview of the Latest Pharmacological Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5034.	4.1	187
1022	Natural Tolerance to Ischemia and Hypoxemia in Diving Mammals: A Review. <i>Frontiers in Physiology</i> , 2019, 10, 1199.	2.8	32
1023	Cilostazol Promotes Angiogenesis and Increases Cell Proliferation After Myocardial Ischemia – Reperfusion Injury Through a cAMP-Dependent Mechanism. <i>Cardiovascular Engineering and Technology</i> , 2019, 10, 638-647.	1.6	13
1024	Chlorogenic Acid Attenuates Kidney Ischemic/Reperfusion Injury via Reducing Inflammation, Tubular Injury, and Myofibroblast Formation. <i>BioMed Research International</i> , 2019, 2019, 1-10.	1.9	19
1025	Loss of Orai2-Mediated Capacitative Ca^{2+} Entry Is Neuroprotective in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3238-3245.	2.0	33
1026	Effect of renal ischaemia/reperfusion-induced acute kidney injury on pharmacokinetics of midazolam in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1792-1799.	2.4	5
1027	Endothelial-Cell-Derived Human Secretory Leukocyte Protease Inhibitor (SLPI) Protects Cardiomyocytes against Ischemia/Reperfusion Injury. <i>Biomolecules</i> , 2019, 9, 678.	4.0	19
1028	A likely protective effect of dimethyl itaconate on cerebral ischemia/reperfusion injury. <i>International Immunopharmacology</i> , 2019, 77, 105924.	3.8	16
1029	Dendritic Cells as Sensors, Mediators, and Regulators of Ischemic Injury. <i>Frontiers in Immunology</i> , 2019, 10, 2418.	4.8	32
1030	Extracellular HtrA2 Induces Apoptosis in Human Umbilical Vein Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5446.	4.1	6
1031	Preventive Effects of Grape Extract on Ischemia/Reperfusion-Induced Acute Kidney Injury in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1883-1890.	1.4	8
1032	Deletion of Neuropeptide Y Attenuates Cardiac Dysfunction and Apoptosis During Acute Myocardial Infarction. <i>Frontiers in Pharmacology</i> , 2019, 10, 1268.	3.5	16
1033	The Roles of GABA in Ischemia-Reperfusion Injury in the Central Nervous System and Peripheral Organs. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	4.0	32

#	ARTICLE	IF	CITATIONS
1034	Notoginsenoside R1 for Organs Ischemia/Reperfusion Injury: A Preclinical Systematic Review. <i>Frontiers in Pharmacology</i> , 2019, 10, 1204.	3.5	20
1035	The TRPA1 Channel in the Cardiovascular System: Promising Features and Challenges. <i>Frontiers in Pharmacology</i> , 2019, 10, 1253.	3.5	36
1036	Ginkgolide B for Myocardial Ischemia/Reperfusion Injury: A Preclinical Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , 2019, 10, 1292.	2.8	13
1037	Hypertensive Heart Disease and Obesity. <i>Heart Failure Clinics</i> , 2019, 15, 509-517.	2.1	42
1038	An Update on the Multifaceted Roles of STAT3 in the Heart. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 150.	2.4	81
1039	Temporal changes in urinary excretion of liver-type fatty acid binding protein (L-FABP) in acute kidney injury model of domestic cats: a preliminary study. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1868-1872.	0.9	8
1040	Migration and Differentiation of Neural Stem Cells Diverted From the Subventricular Zone by an Injectable Self-Assembling β -Peptide Hydrogel. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 315.	4.1	31
1041	Pyrogallol-Phloroglucinol-6,6-Bieckol from <i>Ecklonia cava</i> Attenuates Tubular Epithelial Cell (TCMK-1) Death in Hypoxia/Reoxygenation Injury. <i>Marine Drugs</i> , 2019, 17, 602.	4.6	7
1042	Mechanisms of Fasting-Mediated Protection against Renal Injury and Fibrosis Development after Ischemic Acute Kidney Injury. <i>Biomolecules</i> , 2019, 9, 404.	4.0	12
1043	Connexin 43 dephosphorylation contributes to arrhythmias and cardiomyocyte apoptosis in ischemia/reperfusion hearts. <i>Basic Research in Cardiology</i> , 2019, 114, 40.	5.9	49
1044	Preservation Solutions for Kidney Transplantation: History, Advances and Mechanisms. <i>Cell Transplantation</i> , 2019, 28, 1472-1489.	2.5	39
1045	Opioids Preconditioning Upon Renal Function and Ischemia-Reperfusion Injury: A Narrative Review. <i>Medicina (Lithuania)</i> , 2019, 55, 522.	2.0	10
1046	Cardioprotective effects of idebenone do not involve ROS scavenging: Evidence for mitochondrial complex I bypass in ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 135, 160-171.	1.9	13
1047	Role of TLR5 in inflammation and tissue damage after intestinal ischemia-reperfusion injury. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 15-22.	2.1	15
1048	α -Linoleyltyrosine Protects against Transient Cerebral Ischemia in Gerbil α -CB2 Receptor Involvement in PI3K/Akt Signaling Pathway. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1867-1876.	1.4	14
1049	HMGB1-triggered inflammation inhibition of notoginseng leaf triterpenes against cerebral ischemia and reperfusion injury via MAPK and NF- κ B signaling pathways. <i>Biomolecules</i> , 2019, 9, 512.	4.0	89
1050	Protective Effect of Mitogen- and Stress-Activated Protein Kinase on the Rats with Focal Ischemia-Reperfusion Injury. <i>Inflammation</i> , 2019, 42, 2159-2169.	3.8	1
1051	Glycyrrhetic acid pretreatment attenuates liver ischemia/reperfusion injury via inhibiting TLR4 signaling cascade in mice. <i>International Immunopharmacology</i> , 2019, 76, 105870.	3.8	24

#	ARTICLE	IF	CITATIONS
1052	Acetyl-11-keto- β -boswellic acid (AKBA) Attenuates Oxidative Stress, Inflammation, Complement Activation and Cell Death in Brain Endothelial Cells Following OGD/Reperfusion. <i>NeuroMolecular Medicine</i> , 2019, 21, 505-516.	3.4	32
1053	Frequency Calibration and Stabilization of the Cooling Laser of Ytterbium Lattice Clock with Molecular Iodine Spectroscopy. <i>Wuhan University Journal of Natural Sciences</i> , 2019, 24, 423-426.	0.4	3
1054	Cardioprotective effects of galectin-3 inhibition against ischemia/reperfusion injury. <i>European Journal of Pharmacology</i> , 2019, 863, 172701.	3.5	15
1055	SR9009 administered for one day after myocardial ischemia-reperfusion prevents heart failure in mice by targeting the cardiac inflammasome. <i>Communications Biology</i> , 2019, 2, 353.	4.4	81
1056	Brain-derived neurotrophic factor mimetic, 7,8-dihydroxyflavone, protects against myocardial ischemia by rebalancing optic atrophy 1 processing. <i>Free Radical Biology and Medicine</i> , 2019, 145, 187-197.	2.9	31
1057	Combination effect of Aspirin and N-acetylcysteine against global cerebral ischemic reperfusion injury in rats. <i>Neurology Psychiatry and Brain Research</i> , 2019, 33, 101-111.	2.0	1
1058	Early Motor-Behavioral Outcome of Ischemic Stroke with Ketogenic Diet Preconditioning: Interventional Animal Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1032-1039.	1.6	22
1059	Nucleotide-binding oligomerization domain 1 (NOD1) modulates liver ischemia reperfusion through the expression adhesion molecules. <i>Journal of Hepatology</i> , 2019, 70, 1159-1169.	3.7	17
1060	Comprehensive and combined omics analysis reveals factors of ischemia-reperfusion injury in liver transplantation. <i>Epigenomics</i> , 2019, 11, 527-542.	2.1	20
1061	An optimized low-pressure tourniquet murine hind limb ischemia reperfusion model: Inducing acute ischemia reperfusion injury in C57BL/6 wild type mice. <i>PLoS ONE</i> , 2019, 14, e0210961.	2.5	18
1062	Activation mechanisms and multifaceted effects of mast cells in ischemia reperfusion injury. <i>Experimental Cell Research</i> , 2019, 376, 227-235.	2.6	30
1063	Autophagy in Chronic Kidney Diseases. <i>Cells</i> , 2019, 8, 61.	4.1	114
1064	<p>>Advancements of Annexin A1 in inflammation and tumorigenesis</p>>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 3245-3254.	2.0	33
1065	Cul4a as a New Interaction Protein of PARP1 Inhibits Oxidative Stress-Induced H9c2 Cell Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	12
1066	Overexpression of CKIP-1 alleviates hypoxia-induced cardiomyocyte injury by up-regulating Nrf2 antioxidant signaling via Keap1 inhibition. <i>Biochimie</i> , 2019, 163, 163-170.	2.6	5
1067	Downregulation of microRNA-302b-3p relieves oxygen-glucose deprivation/re-oxygenation induced injury in murine hippocampal neurons through up-regulating Nrf2 signaling by targeting fibroblast growth factor 15/19. <i>Chemico-Biological Interactions</i> , 2019, 309, 108705.	4.0	13
1068	EZH2 inhibitor DZNep modulates microglial activation and protects against ischaemic brain injury after experimental stroke. <i>European Journal of Pharmacology</i> , 2019, 857, 172452.	3.5	34
1069	Working with Hypoxia. <i>Methods in Molecular Biology</i> , 2019, 1990, 109-133.	0.9	4

#	ARTICLE	IF	CITATIONS
1070	Local pharmacological induction of angiogenesis: Drugs for cells and cells as drugs. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 126-154.	13.7	13
1071	Cryptotanshinone ameliorates renal ischaemiaâ€“reperfusion injury by inhibiting apoptosis and inflammatory response. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 420-429.	2.5	19
1072	Relaxin mitigates microvascular damage and inflammation following cardiac ischemiaâ€“reperfusion. <i>Basic Research in Cardiology</i> , 2019, 114, 30.	5.9	28
1073	Iron homeostasis and iron-regulated ROS in cell death, senescence and human diseases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1398-1409.	2.4	283
1074	Hypoxia-Primed Stem Cell Transplantation in Stroke. <i>Springer Series in Translational Stroke Research</i> , 2019, , 9-26.	0.1	3
1075	Astragaloside IV Attenuates Myocardial Ischemia-Reperfusion Injury from Oxidative Stress by Regulating Succinate, Lysophospholipid Metabolism, and ROS Scavenging System. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-17.	4.0	44
1076	Retinal Oxygen Delivery, Metabolism and Extraction Fraction and Retinal Thickness Immediately Following an Interval of Ophthalmic Vessel Occlusion in Rats. <i>Scientific Reports</i> , 2019, 9, 8092.	3.3	14
1077	Low altitude simulation without hypoxia improves left ventricular function after myocardial infarction by reducing ventricular afterload. <i>PLoS ONE</i> , 2019, 14, e0215814.	2.5	6
1078	Contemporaneous 3D characterization of acute and chronic myocardial I/R injury and response. <i>Nature Communications</i> , 2019, 10, 2312.	12.8	60
1079	Follistatin-Like 1 Attenuates Ischemia/Reperfusion Injury in Cardiomyocytes via Regulation of Autophagy. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	16
1080	Nanotechnology Approaches in Tackling Cardiovascular Diseases. <i>Molecules</i> , 2019, 24, 2017.	3.8	32
1081	Therapeutic Intranasal Delivery for Stroke and Neurological Disorders. <i>Springer Series in Translational Stroke Research</i> , 2019, , .	0.1	3
1082	Preventing acute kidney injury during transplantation: the application of novel oxygen carriers. <i>Expert Opinion on Investigational Drugs</i> , 2019, 28, 643-657.	4.1	16
1083	Up-regulation of FOXO1 and reduced inflammation by Î²-hydroxybutyric acid are essential diet restriction benefits against liver injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13533-13542.	7.1	84
1084	Role of Scutellarin in Ameliorating Lung Injury in a Rat Model of Bilateral Hind Limb Ischemiaâ€“Reperfusion. <i>Anatomical Record</i> , 2019, 302, 2070-2081.	1.4	11
1085	Potential Protective Effect of Nitric Oxide-Releasing Nanofibers in Hypoxia/Reoxygenation-Induced Cardiomyocyte Injury. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6539-6545.	0.9	11
1086	Sickle cell disease: Clinical presentation and management of a global health challenge. <i>Blood Reviews</i> , 2019, 37, 100580.	5.7	42
1087	Disseminated intravascular coagulation in cardiac arrest and resuscitation. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1205-1216.	3.8	33

#	ARTICLE	IF	CITATIONS
1088	Liver Zonation in Health and Disease: Hypoxia and Hypoxia-Inducible Transcription Factors as Concert Masters. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2347.	4.1	56
1089	Electrical Stimulation of the Mesencephalic Locomotor Region Attenuates Neuronal Loss and Cytokine Expression in the Perifocal Region of Photothrombotic Stroke in Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2341.	4.1	10
1090	A Meta-Analysis of Resveratrol Protects against Myocardial Ischemia/Reperfusion Injury: Evidence from Small Animal Studies and Insight into Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	28
1091	Integrated Omics Reveals Tollip as an Regulator and Therapeutic Target for Hepatic Ischemia-Reperfusion Injury in Mice. <i>Hepatology</i> , 2019, 70, 1750-1769.	7.3	44
1092	Ethyl Pyruvate Directly Attenuates Active Secretion of HMGB1 in Proximal Tubular Cells via Induction of Heme Oxygenase-1. <i>Journal of Clinical Medicine</i> , 2019, 8, 629.	2.4	23
1093	Mitophagy and mitochondrial integrity in cardiac ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2293-2302.	3.8	162
1094	Renal subcapsular transplantation of hepatocyte growth factor-producing mesothelial cell sheets improves ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F229-F239.	2.7	10
1095	Identification of key transcription factors associated with cerebral ischemia-reperfusion injury based on gene set enrichment analysis. <i>International Journal of Molecular Medicine</i> , 2019, 43, 2429-2439.	4.0	9
1096	OCT4B-190 protects against ischemic stroke by modulating GSK-3 β /HDAC6. <i>Experimental Neurology</i> , 2019, 316, 52-62.	4.1	4
1097	Spinal and afferent PKC signaling mechanisms that mediate chronic pain in sickle cell disease. <i>Neuroscience Letters</i> , 2019, 706, 56-60.	2.1	11
1098	Nonclassical Monocytes in Health and Disease. <i>Annual Review of Immunology</i> , 2019, 37, 439-456.	21.8	294
1099	Pretreatment with Cholecalciferol Alleviates Renal Cellular Stress Response during Ischemia/Reperfusion-Induced Acute Kidney Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	4.0	13
1100	Isoflurane Post-conditioning Ameliorates Cerebral Ischemia/Reperfusion Injury by Enhancing Angiogenesis Through Activating the Shh/Gli Signaling Pathway in Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 321.	2.8	27
1101	Applied Bioengineering in Tissue Reconstruction, Replacement, and Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 259-290.	4.8	20
1102	Organ Preservation and Implantation. <i>Cardiovascular Medicine</i> , 2019, , 223-230.	0.0	0
1103	Exogenous GDF11 attenuates non-canonical TGF- β 2 signaling to protect the heart from acute myocardial ischemia-reperfusion injury. <i>Basic Research in Cardiology</i> , 2019, 114, 20.	5.9	45
1104	The Mitochondria-Targeted H2S-Donor AP39 in a Murine Model of Combined Hemorrhagic Shock and Blunt Chest Trauma. <i>Shock</i> , 2019, 52, 230-239.	2.1	22
1105	FABP4 silencing ameliorates hypoxia reoxygenation injury through the attenuation of endoplasmic reticulum stress-mediated apoptosis by activating PI3K/Akt pathway. <i>Life Sciences</i> , 2019, 224, 149-156.	4.3	28

#	ARTICLE	IF	CITATIONS
1106	The Strength of Reperfusion: The Dark Side of Ischaemia. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 257.	1.5	1
1107	Propofol Alleviates DNA Damage Induced by Oxygen Glucose Deprivation and Reperfusion via FoxO1 Nuclear Translocation in H9c2 Cells. <i>Frontiers in Physiology</i> , 2019, 10, 223.	2.8	11
1108	IMM-H004 protects against oxygen-glucose deprivation/reperfusion injury to BV2 microglia partly by modulating CKLF1 involved in microglia polarization. <i>International Immunopharmacology</i> , 2019, 70, 69-79.	3.8	15
1109	Is delayed graft function associated with ureteral stenosis in the kidney transplant recipient? A case-control study. <i>Canadian Urological Association Journal</i> , 2019, 13, E361-E365.	0.6	2
1110	Ischaemia reperfusion injury in liver transplantation: Cellular and molecular mechanisms. <i>Liver International</i> , 2019, 39, 788-801.	3.9	214
1111	EZH2 plays a crucial role in ischemia/reperfusion-induced acute kidney injury by regulating p38 signaling. <i>Inflammation Research</i> , 2019, 68, 325-336.	4.0	31
1112	Nicotinamide adenine dinucleotide emerges as a therapeutic target in aging and ischemic conditions. <i>Biogerontology</i> , 2019, 20, 381-395.	3.9	27
1113	Sodium Thiosulfate: A New Player for Circulatory Shock and Ischemia/Reperfusion Injury?. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2019, , 183-198.	0.2	1
1114	Rab7b Overexpression Ameliorated Ischemic Brain Damage Following tMCAO Involves Suppression of TLR4 and NF- κ B p65. <i>Journal of Molecular Neuroscience</i> , 2019, 68, 163-170.	2.3	19
1115	Ischemia-Reperfusion Injury in Sickle Cell Disease. <i>American Journal of Pathology</i> , 2019, 189, 706-718.	3.8	36
1116	Vagus Nerve Stimulation Attenuates Acute Skeletal Muscle Injury Induced by Ischemia-Reperfusion in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	12
1117	In vivo label-free functional photoacoustic monitoring of ischemic reperfusion. <i>Journal of Biophotonics</i> , 2019, 12, e201800454.	2.3	31
1118	Mitochondrial complex I deficiency and cardiovascular diseases: current evidence and future directions. <i>Journal of Molecular Medicine</i> , 2019, 97, 579-591.	3.9	26
1119	Lasting effects of general anesthetics on the brain in the young and elderly: a mixed picture of neurotoxicity, neuroprotection and cognitive impairment. <i>Journal of Anesthesia</i> , 2019, 33, 321-335.	1.7	67
1120	Dim light at night impairs recovery from global cerebral ischemia. <i>Experimental Neurology</i> , 2019, 317, 100-109.	4.1	23
1121	Current Knowledge of IL-6 Cytokine Family Members in Acute and Chronic Kidney Disease. <i>Biomedicines</i> , 2019, 7, 19.	3.2	24
1122	The protective role of carnosic acid in ischemic/reperfusion injury through regulation of autophagy under T2DM. <i>Experimental Biology and Medicine</i> , 2019, 244, 602-611.	2.4	7
1123	Microthrombus-Targeting Micelles for Neurovascular Remodeling and Enhanced Microcirculatory Perfusion in Acute Ischemic Stroke. <i>Advanced Materials</i> , 2019, 31, e1808361.	21.0	105

#	ARTICLE	IF	CITATIONS
1125	Biomarker for Ischemic Stroke Using Metabolome: A Clinician Perspective. Journal of Stroke, 2019, 21, 31-41.	3.2	53
1126	Leukocyte-mimetic liposomes possessing leukocyte membrane proteins pass through inflamed endothelial cell layer by regulating intercellular junctions. International Journal of Pharmaceutics, 2019, 563, 314-323.	5.2	14
1127	Reactive Oxygen Species (ROS)-Based Nanomedicine. Chemical Reviews, 2019, 119, 4881-4985.	47.7	1,519
1128	Potential therapeutic roles of stem cells in ischemia-reperfusion injury. Stem Cell Research, 2019, 37, 101421.	0.7	43
1129	Fluoxetine suppresses inflammatory reaction in microglia under OGD/R challenge via modulation of NF- κ B signaling. Bioscience Reports, 2019, 39, .	2.4	20
1130	Regulation of the phosphoprotein phosphatase 2A system and its modulation during oxidative stress: A potential therapeutic target?. , 2019, 198, 68-89.		36
1131	Neutrophil elastase plays a nonâ€redundant role in remodeling the venular basement membrane and neutrophil diapedesis postâ€ischemia/reperfusion injury. Journal of Pathology, 2019, 248, 88-102.	4.5	22
1132	Connexin43 dephosphorylation at serine 282 is associated with connexin43-mediated cardiomyocyte apoptosis. Cell Death and Differentiation, 2019, 26, 1332-1345.	11.2	28
1133	Redox Trimetallic Nanozyme with Neutral Environment Preference for Brain Injury. ACS Nano, 2019, 13, 1870-1884.	14.6	90
1134	The innate immune response to allotransplants: mechanisms and therapeutic potentials. Cellular and Molecular Immunology, 2019, 16, 350-356.	10.5	65
1135	Histone acetylation and DNA methylation in ischemia/reperfusion injury. Clinical Science, 2019, 133, 597-609.	4.3	83
1138	Mesenchymal stromal cell-derived exosomes attenuate myocardial ischaemia-reperfusion injury through miR-182-regulated macrophage polarization. Cardiovascular Research, 2019, 115, 1205-1216.	3.8	469
1139	Genome-Wide Association Analysis of Anoxia Tolerance in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2019, 9, 2989-2999.	1.8	13
1140	Platelets as Modulators of Cerebral Ischemia/Reperfusion Injury. Frontiers in Immunology, 2019, 10, 2505.	4.8	69
1141	Methane-Rich Saline: A Potential Resuscitation Fluid for Hemorrhagic Shock. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	4.0	8
1142	Î²-arrestin2 Inhibits Apoptosis and Liver Inflammation Induced by Ischemia-reperfusion in Mice via AKT and TLR4 Pathway. Archives of Medical Research, 2019, 50, 413-422.	3.3	8
1143	lncRNA AK054386 Functions as a ceRNA to Sequester miR-199 and Induce Sustained Endoplasmic Reticulum Stress in Hepatic Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	15
1144	Plasma Adenylate Levels are Elevated in Cardiopulmonary Arrest Patients and May Predict Mortality. Shock, 2019, 51, 698-705.	2.1	7

#	ARTICLE	IF	CITATIONS
1145	Exosomes Derived From Mesenchymal Stem Cells Ameliorate Renal Ischemic-Reperfusion Injury Through Inhibiting Inflammation and Cell Apoptosis. <i>Frontiers in Medicine</i> , 2019, 6, 269.	2.6	35
1146	The First Case of Ischemia-Free Kidney Transplantation in Humans. <i>Frontiers in Medicine</i> , 2019, 6, 276.	2.6	27
1147	Presepsin As a Biomarker for Evaluating Prognosis and Early Innate Immune Response of Out-of-Hospital Cardiac Arrest Patients After Return of Spontaneous Circulation. <i>Critical Care Medicine</i> , 2019, 47, e538-e546.	0.9	12
1148	Ischemia reperfusion injury promotes recurrence of hepatocellular carcinoma in fatty liver via ALOX12-12HETE-GPR31 signaling axis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 489.	8.6	40
1149	Astaxanthin Ameliorates Ischemic-Hypoxic-Induced Neurotrophin Receptor p75 Upregulation in the Endothelial Cells of Neonatal Mouse Brains. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6168.	4.1	10
1150	von Willebrand Factor and Platelet Glycoprotein Ib: A Thromboinflammatory Axis in Stroke. <i>Frontiers in Immunology</i> , 2019, 10, 2884.	4.8	67
1151	Succinate accumulation drives ischaemia-reperfusion injury during organ transplantation. <i>Nature Metabolism</i> , 2019, 1, 966-974.	11.9	103
1152	Acute Fatty Liver of Pregnancy. <i>Anesthesiology</i> , 2019, 130, 446-461.	2.5	54
1153	Epigenetics Mechanisms in Multiorgan Dysfunction Syndrome. <i>Anesthesia and Analgesia</i> , 2019, 129, 1422-1432.	2.2	11
1154	Aloin Preconditioning Attenuates Hepatic Ischemia/Reperfusion Injury via Inhibiting TLR4/MyD88/NF- κ B Signal Pathway <i>In Vivo</i> and <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	37
1155	Endothelial Cell Activation in an Embolic Ischemia-Reperfusion Injury Microfluidic Model. <i>Micromachines</i> , 2019, 10, 857.	2.9	16
1156	LncRNA MALAT1 Promotes Oxygen-Glucose Deprivation and Reoxygenation Induced Cardiomyocytes Injury Through Sponging miR-20b to Enhance beclin1-Mediated Autophagy. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 675-686.	2.6	23
1157	Complement-mediated Damage to the Glycocalyx Plays a Role in Renal Ischemia-reperfusion Injury in Mice. <i>Transplantation Direct</i> , 2019, 5, e341.	1.6	26
1158	The Role of Adenosine A2b Receptor in Mediating the Cardioprotection of Electroacupuncture Pretreatment via Influencing Ca ²⁺ -Key Regulators. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	9
1159	Extracellular vesicles derived from human umbilical cord mesenchymal stem cells alleviate rat hepatic ischemia-reperfusion injury by suppressing oxidative stress and neutrophil inflammatory response. <i>FASEB Journal</i> , 2019, 33, 1695-1710.	0.5	128
1160	Microvesicles-mediated communication between endothelial cells modulates, endothelial survival, and angiogenic function via transferring of miR-125a. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3160-3172.	2.6	12
1161	A simple approach for restoration of differentiation and function in cryopreserved human hepatocytes. <i>Archives of Toxicology</i> , 2019, 93, 819-829.	4.2	22
1162	Systematic review and meta-analysis of experimental studies evaluating the organ protective effects of histone deacetylase inhibitors. <i>Translational Research</i> , 2019, 205, 1-16.	5.0	8

#	ARTICLE	IF	CITATIONS
1163	Ischaemia-induced muscle metabolic abnormalities are poorly alleviated by endurance training in a mouse model of sickle cell disease. <i>Experimental Physiology</i> , 2019, 104, 398-406.	2.0	0
1164	STAT1 regulates macrophage number and phenotype and prevents renal fibrosis after ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F277-F291.	2.7	24
1165	Forensic Medicine and Human Cell Research. <i>Current Human Cell Research and Applications</i> , 2019, , .	0.1	2
1166	Hemopexin alleviates cognitive dysfunction after focal cerebral ischemia-reperfusion injury in rats. <i>BMC Anesthesiology</i> , 2019, 19, 13.	1.8	24
1167	Design, synthesis and biological evaluation of chalcone analogues with novel dual antioxidant mechanisms as potential anti-ischemic stroke agents. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 335-350.	12.0	71
1168	Mitochondria-targeted antioxidant delivery for precise treatment of myocardial ischemia-reperfusion injury through a multistage continuous targeted strategy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 16, 236-249.	3.3	49
1169	USP4 deficiency exacerbates hepatic ischaemia/reperfusion injury via TAK1 signalling. <i>Clinical Science</i> , 2019, 133, 335-349.	4.3	17
1170	Renal ischemia-reperfusion-induced metabolic and micro-rheological alterations and their modulation by remote organ ischemic preconditioning protocols in the rat. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 225-236.	1.7	8
1171	Assessment of microvascular dysfunction in acute limb ischemia-reperfusion injury. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1174-1185.	3.4	11
1172	Pathophysiology of Sickle Cell Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2019, 14, 263-292.	22.4	358
1173	Gelatin-Coated Polycaprolactone Nanoparticle-Mediated Naringenin Delivery Rescue Human Mesenchymal Stem Cells from Oxygen Glucose Deprivation-Induced Inflammatory Stress. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 683-695.	5.2	49
1174	Preconditioning of umbilical cord-derived mesenchymal stem cells by rapamycin increases cell migration and ameliorates liver ischaemia/reperfusion injury in mice via the CXCR4/CXCL12 axis. <i>Cell Proliferation</i> , 2019, 52, e12546.	5.3	50
1175	How Sickle Cell Disease Impairs Skeletal Muscle Function: Implications in Daily Life. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 4-11.	0.4	20
1176	Dexmedetomidine-Mediated Prevention of Renal Ischemia-Reperfusion Injury Depends in Part on Cholinergic Anti-Inflammatory Mechanisms. <i>Anesthesia and Analgesia</i> , 2020, 130, 1054-1062.	2.2	36
1178	LncRNA H19 initiates microglial pyroptosis and neuronal death in retinal ischemia/reperfusion injury. <i>Cell Death and Differentiation</i> , 2020, 27, 176-191.	11.2	160
1179	The Protective Effect of Zinc Against Liver Ischaemia Reperfusion Injury in a Rat Model of Global Ischaemia. <i>Journal of Clinical and Experimental Hepatology</i> , 2020, 10, 228-235.	0.9	5
1180	Mast cell chymase protects against acute ischemic kidney injury by limiting neutrophil hyperactivation and recruitment. <i>Kidney International</i> , 2020, 97, 516-527.	5.2	14
1181	New quinoline-2-one/pyrazole derivatives; design, synthesis, molecular docking, anti-apoptotic evaluation, and caspase-3 inhibition assay. <i>Bioorganic Chemistry</i> , 2020, 94, 103348.	4.1	27

#	ARTICLE	IF	CITATIONS
1182	Experimental thrombocytopenia does not affect acute kidney injury 24 hours after renal ischemia reperfusion in mice. <i>Platelets</i> , 2020, 31, 383-391.	2.3	1
1183	Chlorogenic acid ameliorates memory loss and hippocampal cell death after transient global ischemia. <i>European Journal of Neuroscience</i> , 2020, 51, 651-669.	2.6	26
1184	Hes1 Knockdown Exacerbates Ischemic Stroke Following tMCAO by Increasing ER Stress-Dependent Apoptosis via the PERK/eIF2 α /ATF4/CHOP Signaling Pathway. <i>Neuroscience Bulletin</i> , 2020, 36, 134-142.	2.9	37
1185	Scorpion Venom Heat-Resistant Peptide is Neuroprotective against Cerebral Ischemia-Reperfusion Injury in Association with the NMDA-MAPK Pathway. <i>Neuroscience Bulletin</i> , 2020, 36, 243-253.	2.9	20
1186	Prothymosin alpha and its mimetic hexapeptide improve delayed tissue plasminogen activator-induced brain damage following cerebral ischemia. <i>Journal of Neurochemistry</i> , 2020, 153, 772-789.	3.9	13
1187	Regulatory innate lymphoid cells suppress innate immunity and reduce renal ischemia/reperfusion injury. <i>Kidney International</i> , 2020, 97, 130-142.	5.2	29
1188	Mitochondrial ROS production during ischemia-reperfusion injury. , 2020, , 513-538.		4
1189	Dietary omega-3 PUFA improved tubular function after ischemia induced acute kidney injury in mice but did not attenuate impairment of renal function. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 146, 106386.	1.9	18
1190	Downregulation of TSPO expression inhibits oxidative stress and maintains mitochondrial homeostasis in cardiomyocytes subjected to anoxia/reoxygenation injury. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109588.	5.6	21
1191	Reactive Oxygen Species (ROS)-Activatable Prodrug for Selective Activation of ATF6 after Ischemia/Reperfusion Injury. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 292-297.	2.8	7
1192	Neutrophil Extracellular Traps and Liver Disease. <i>Seminars in Liver Disease</i> , 2020, 40, 171-179.	3.6	35
1193	TRPM2 channel: A novel target for alleviating ischaemia-reperfusion, chronic cerebral hypoperfusion and neonatal hypoxic-ischaemic brain damage. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4-12.	3.6	25
1194	Infarct Zone: a Novel Platform for Exosome Trade in Cardiac Tissue Regeneration. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 686-701.	2.4	19
1195	MicroRNA-2861 and microRNA-5115 regulates myocardial ischemia-reperfusion injury through the GPR30/mTOR signaling pathway by binding to GPR30. <i>Journal of Cellular Physiology</i> , 2020, 235, 7791-7802.	4.1	7
1196	Interleukin 35 ameliorates myocardial ischemia-reperfusion injury by activating the gp130-STAT3 axis. <i>FASEB Journal</i> , 2020, 34, 3224-3238.	0.5	17
1197	Inhibition of the proteasome preserves Mitofusin-2 and mitochondrial integrity, protecting cardiomyocytes during ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165659.	3.8	15
1198	Intrabody against prolyl hydroxylase 2 ameliorates acetaminophen-induced acute liver injury in mice via concomitant promotion of angiogenesis and redox homeostasis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109783.	5.6	10
1199	Cerebral ischemia-reperfusion aggravated cerebral infarction injury and possible differential genes identified by RNA-Seq in rats. <i>Brain Research Bulletin</i> , 2020, 156, 33-42.	3.0	21

#	ARTICLE	IF	CITATIONS
1200	Neuroprotective Action of Teriflunomide in a Mouse Model of Transient Middle Cerebral Artery Occlusion. <i>Neuroscience</i> , 2020, 428, 228-241.	2.3	15
1201	Toll-like receptor 2 and 9 expression on circulating neutrophils is associated with increased mortality in critically ill patients. <i>Shock</i> , 2020, 54, 35-43.	2.1	6
1202	MicroRNA-24-3p alleviates hepatic ischemia and reperfusion injury in mice through the repression of STING signaling. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 47-52.	2.1	38
1203	Marine-derived n-3 fatty acids therapy for stroke. <i>The Cochrane Library</i> , 2020, 2020, CD012815.	2.8	8
1204	Progressive hypoxia—Co&Cchip: An in vitro oxygen gradient model for capturing the effects of hypoxia on primary hepatocytes in health and disease. <i>Biotechnology and Bioengineering</i> , 2020, 117, 763-775.	3.3	36
1205	Hype or hope: Vagus nerve stimulation against acute myocardial ischemia-reperfusion injury. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 481-488.	4.9	26
1206	Fluorescent Imaging of Reactive Oxygen and Nitrogen Species Associated with Pathophysiological Processes. <i>CheM</i> , 2020, 6, 832-866.	11.7	133
1207	Impaired Cerebrovascular Autoregulation in Large Vessel Occlusive Stroke after Successful Mechanical Thrombectomy: A Prospective Cohort Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104596.	1.6	21
1208	Protective effect of FBXL10 in myocardial ischemia reperfusion injury via inhibiting endoplasmic reticulum stress. <i>Respiratory Medicine</i> , 2020, 161, 105852.	2.9	12
1209	Itaconate modulates tricarboxylic acid and redox metabolism to mitigate reperfusion injury. <i>Molecular Metabolism</i> , 2020, 32, 122-135.	6.5	83
1210	MiR-137-3p exacerbates the ischemia-reperfusion injured cardiomyocyte apoptosis by targeting KLF15. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1013-1024.	3.0	15
1211	Cardiac regeneration as an environmental adaptation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118623.	4.1	11
1212	Theanine attenuates hippocampus damage of rat cerebral ischemia-reperfusion injury by inhibiting HO-1 expression and activating ERK1/2 pathway. <i>Life Sciences</i> , 2020, 241, 117160.	4.3	15
1213	A self-assembling peptide hydrogel-based drug co-delivery platform to improve tissue repair after ischemia-reperfusion injury. <i>Acta Biomaterialia</i> , 2020, 103, 102-114.	8.3	60
1214	Brusatol Protects HepG2 Cells against Oxygen-Glucose Deprivation-Induced Injury via Inhibiting Mitochondrial Reactive Oxygen Species-Induced Oxidative Stress. <i>Pharmacology</i> , 2020, 105, 416-423.	2.2	4
1215	Transcription-independent Induction of ERBB1 through Hypoxia-inducible Factor 2A Provides Cardioprotection during Ischemia and Reperfusion. <i>Anesthesiology</i> , 2020, 132, 763-780.	2.5	26
1216	Down&Cregulation of miR&C3068&C3p enhances kcnip4&Cregulated A&Ctype potassium current to protect against glutamate&Cinduced excitotoxicity. <i>Journal of Neurochemistry</i> , 2020, 153, 617-630.	3.9	1
1217	Perioperative Acute Kidney Injury. <i>Anesthesiology</i> , 2020, 132, 180-204.	2.5	151

#	ARTICLE	IF	CITATIONS
1218	Adenosine 5'-Monophosphate Protects from Hypoxia by Lowering Mitochondrial Metabolism and Oxygen Demand. <i>Shock</i> , 2020, 54, 237-244.	2.1	6
1219	Protective Effect of Sciadopitysin against Isoproterenol-Induced Myocardial Infarction in Rats. <i>Pharmacology</i> , 2020, 105, 272-280.	2.2	5
1220	Bone marrow mesenchymal stem cell-secreted exosomes carrying microRNA-125b protect against myocardial ischemia reperfusion injury via targeting SIRT7. <i>Molecular and Cellular Biochemistry</i> , 2020, 465, 103-114.	3.1	86
1221	Antioxidant effect of p-coumaric acid on interleukin 1- β and tumor necrosis factor- α in rats with renal ischemic reperfusion. <i>Nefrologia</i> , 2020, 40, 311-319.	0.4	33
1222	The Effect of Hedysarum multijugum Maxim.-Chuanxiong rhizoma Compound on Ischemic Stroke: A Research Based on Network and Experimental Pharmacology. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-24.	4.0	29
1223	Postoperative anemia is a risk factor for acute kidney injury after open aorta and vena cava surgeries. <i>PLoS ONE</i> , 2020, 15, e0240243.	2.5	6
1224	The Dichotomous Role of Inflammation in the CNS: A Mitochondrial Point of View. <i>Biomolecules</i> , 2020, 10, 1437.	4.0	20
1225	Puerarin protects against myocardial ischemia/reperfusion injury by inhibiting inflammation and the NLRP3 inflammasome: The role of the SIRT1/NF- κ B pathway. <i>International Immunopharmacology</i> , 2020, 89, 107086.	3.8	43
1226	miR-708 affords protective efficacy in anoxia/reoxygenation-stimulated cardiomyocytes by blocking the TLR4 signaling via targeting HMGB1. <i>Molecular and Cellular Probes</i> , 2020, 54, 101653.	2.1	8
1227	Human Lungs Airway Epithelium Upregulate MicroRNA-17 and MicroRNA-548b in Response to Cold Ischemia and Ex Vivo Reperfusion. <i>Transplantation</i> , 2020, 104, 1842-1852.	1.0	11
1228	Thrombomodulin as a Physiological Modulator of Intravascular Injury. <i>Frontiers in Immunology</i> , 2020, 11, 575890.	4.8	40
1229	Antioxidant effect of p-coumaric acid on interleukin 1- β and tumor necrosis factor- α in rats with renal ischemic reperfusion. <i>Nefrologia</i> , 2020, 40, 311-319.	0.4	6
1230	Current state and future perspective of cardiovascular medicines derived from natural products. , 2020, 216, 107698.		41
1231	Potential of Cell Surface Engineering with Biocompatible Polymers for Biomedical Applications. <i>Langmuir</i> , 2020, 36, 12088-12106.	3.5	14
1232	Remifentanyl up-regulates HIF1 α expression to ameliorate hepatic ischaemia/reperfusion injury via the ZEB1/LIF axis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13196-13207.	3.6	6
1233	XQ-1H regulates Wnt/GSK3 β -catenin pathway and ameliorates the integrity of blood brain barrier in mice with acute ischemic stroke. <i>Brain Research Bulletin</i> , 2020, 164, 269-288.	3.0	15
1234	Different ischemic duration and frequency of ischemic postconditioning affect neuroprotection in focal ischemic stroke. <i>Journal of Neuroscience Methods</i> , 2020, 346, 108921.	2.5	5
1235	Protective effect of Hydroxysafflor Yellow A on cerebral ischemia reperfusion-injury by regulating GSK3 β -mediated pathways. <i>Neuroscience Letters</i> , 2020, 736, 135258.	2.1	11

#	ARTICLE	IF	CITATIONS
1236	Targeting succinate dehydrogenase with malonate ester prodrugs decreases renal ischemia reperfusion injury. <i>Redox Biology</i> , 2020, 36, 101640.	9.0	42
1237	Curcumin protects remote organs against injury that is caused by intestinal ischemia and reperfusion. <i>Acta Scientiarum - Biological Sciences</i> , 0, 42, e50588.	0.3	2
1238	Commentary: A tale of two isoforms in lung ischemia reperfusion injury: One is bad, two is good. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, e158-e159.	0.8	0
1239	Protective effect of renal ischemic postconditioning in renal ischemic-reperfusion injury. <i>Translational Andrology and Urology</i> , 2020, 9, 1356-1365.	1.4	8
1240	Inhibition of Frizzled-2 by small interfering RNA protects rat hepatic BRL-3A cells against cytotoxicity and apoptosis induced by Hypoxia/Reoxygenation. <i>Gastroenterology Y Hepatology (English Edition)</i> , 2020, 43, 107-116.	0.1	0
1241	Quantitative evaluation of dexamethasone treatment effects in renal ischemia-reperfusion injury using contrast enhanced ultrasonography in rats. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 99-110.	1.7	2
1242	Connecting the Dots: From Free Radical Lipid Autoxidation to Cell Pathology and Disease. <i>Chemical Reviews</i> , 2020, 120, 12757-12787.	47.7	61
1243	circAKT3 aggravates renal ischaemia-reperfusion injury via regulating miR-144-5p/Wnt/β-catenin pathway and oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1766-1775.	3.6	26
1244	Intermedin Alleviates Renal Ischemia-Reperfusion Injury and Enhances Neovascularization in Wistar Rats. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 4825-4834.	4.3	10
1245	Upregulation of interleukin (IL)-31, a cytokine producing CXCR1 peripheral immune cells, contributes to the immune abnormalities of autism spectrum disorder. <i>Journal of Neuroimmunology</i> , 2020, 349, 577430.	2.3	10
1246	Ischemia Reperfusion Injury: Opportunities for Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6528-6539.	5.2	18
1247	Long Noncoding RNA/Circular RNA-miRNA-mRNA Axes in Ischemia-Reperfusion Injury. <i>BioMed Research International</i> , 2020, 2020, 1-33.	1.9	23
1248	Complement factors-mediated modulation of autophagy. , 2020, , 85-108.		0
1249	Decrease in serum alkaline phosphatase and prognostic relevance in adult cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 383-390.	1.1	4
1250	Modulators of Oxidative Stress: Chemical and Pharmacological Aspects. <i>Antioxidants</i> , 2020, 9, 657.	5.1	8
1251	CD84 Links T Cell and Platelet Activity in Cerebral Thrombo-Inflammation in Acute Stroke. <i>Circulation Research</i> , 2020, 127, 1023-1035.	4.5	52
1252	Pain Experience, Physical Function, Pain Coping, and Catastrophizing in Children With Sickle Cell Disease Who Had Normal and Abnormal Sensory Patterns. <i>Journal of Pain and Symptom Management</i> , 2020, 60, 1079-1091.	1.2	8
1253	Morin protects the blood-brain barrier integrity against cerebral ischemia reperfusion through anti-inflammatory actions in rats. <i>Scientific Reports</i> , 2020, 10, 13379.	3.3	34

#	ARTICLE	IF	CITATIONS
1254	The effects of polydeoxyribonucleotide on wound healing and tissue regeneration: a systematic review of the literature. <i>Regenerative Medicine</i> , 2020, 15, 1801-1821.	1.7	16
1255	Tat-Cannabinoid Receptor Interacting Protein Reduces Ischemia-Induced Neuronal Damage and Its Possible Relationship with 14-3-3 β . <i>Cells</i> , 2020, 9, 1827.	4.1	5
1256	Time-dependent metabolomics study of cerebral ischemia/reperfusion and its treatment: focus on the combination of traditional Chinese medicine and Western medicine. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7195-7209.	3.7	7
1257	Sulforaphane Elicits Protective Effects in Intestinal Ischemia Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5189.	4.1	7
1258	NLRP3 Inflammasome Activation in Lung Vascular Endothelial Cells Contributes to Intestinal Ischemia/Reperfusion-Induced Acute Lung Injury. <i>Journal of Immunology</i> , 2020, 205, 1393-1405.	0.8	28
1259	An anti-oxidative and conductive composite scaffold for cardiac tissue engineering. <i>Composites Part B: Engineering</i> , 2020, 199, 108285.	12.0	32
1260	Post-ischemic reperfusion with diosmin attenuates myocardial injury through a nitric oxidase synthase-dependent mechanism. <i>Life Sciences</i> , 2020, 258, 118188.	4.3	2
1261	A benzimidazole inhibitor attenuates sterile inflammation induced in a model of systemic autoinflammation in female mice. <i>Scientific Reports</i> , 2020, 10, 12100.	3.3	4
1262	Comparative Study of Protective Action of Exogenous 2-Cys Peroxiredoxins (Prx1 and Prx2) Under Renal Ischemia-Reperfusion Injury. <i>Antioxidants</i> , 2020, 9, 680.	5.1	6
1263	Dietary methionine restriction attenuates renal ischaemia/reperfusion-induced myocardial injury by activating the CSE/H2S/ERS pathway in diabetic mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9890-9897.	3.6	7
1264	Prevention of Hepatic Ischemia-Reperfusion Injury by Carbohydrate-Derived Nanoantioxidants. <i>Nano Letters</i> , 2020, 20, 6510-6519.	9.1	32
1265	NLRC5 alleviated OGD/R-induced PC12-cell injury by inhibiting activation of the TLR4/MyD88/NF- κ B pathway. <i>Journal of International Medical Research</i> , 2020, 48, 030006052094045.	1.0	10
1266	Can Viscoelasticity Measurements Obtained Through Shear-Wave US Elastography be used to Monitor Hepatic Ischemia-Reperfusion Injury and Treatment Response? An Animal Study. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2464-2471.	1.5	7
1267	Possible involvement of D2/D3 receptor activation in ischemic preconditioning mediated protection of the brain. <i>Brain Research</i> , 2020, 1748, 147116.	2.2	6
1268	Protective effect of Shengmai injection on myocardial endothelial cell glycoprotein detachment after myocardial ischemia-reperfusion injury in isolated rat hearts. <i>Perfusion (United Kingdom)</i> , 2021, 36, 757-765.	1.0	7
1269	Effect of endoplasmic reticulum stress on endothelial ischemia-reperfusion injury in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R666-R672.	1.8	6
1270	Treg expansion with trichostatin A ameliorates kidney ischemia/reperfusion injury in mice by suppressing the expression of costimulatory molecules. <i>Transplant Immunology</i> , 2020, 63, 101330.	1.2	5
1271	THE IMPACT OF OXYGEN FREE RADICAL SCAVENGER ON ACUTE REJECTION IN A HISTOCOMPATIBLE MINIATURE SWINE MODEL. <i>Transplantation</i> , 2020, 104, S180-S181.	1.0	0

#	ARTICLE	IF	CITATIONS
1272	Drug Targeting via Platelet Membrane-“Coated Nanoparticles. <i>Small Structures</i> , 2020, 1, 2000018.	12.0	104
1273	Can Adenosine Fight COVID-19 Acute Respiratory Distress Syndrome?. <i>Journal of Clinical Medicine</i> , 2020, 9, 3045.	2.4	19
1274	Knockdown of Tripartite Motif 8 Protects H9C2 Cells Against Hypoxia/Reoxygenation-Induced Injury Through the Activation of PI3K/Akt Signaling Pathway. <i>Cell Transplantation</i> , 2020, 29, 096368972094924.	2.5	6
1275	Therapeutic application of adipose-derived stromal vascular fraction in diabetic foot. <i>Stem Cell Research and Therapy</i> , 2020, 11, 394.	5.5	12
1276	Intermittent Hypoxia and Obstructive Sleep Apnea: Mechanisms, Interindividual Responses and Clinical Insights. , 0, , .		4
1277	Preventing Tumour Recurrence after Liver Transplantation: The Role of Machine Perfusion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5791.	4.1	12
1278	Endothelial BMP4 Promotes Leukocyte Rolling and Adhesion and Is Elevated in Patients After Survived Out-of-Hospital Cardiac Arrest. <i>Inflammation</i> , 2020, 43, 2379-2391.	3.8	8
1279	Pgamt4 and Tango1 Mediate Anoxia and Reoxygenation Injury. <i>Neuroscience Bulletin</i> , 2020, 36, 1552-1557.	2.9	0
1280	Ferroptosis: Biological Rust of Lipid Membranes. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 487-509.	5.4	42
1281	Analysis of Differentially Expressed Long Noncoding RNA in Renal Ischemia-Reperfusion Injury. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 686-701.	2.0	4
1282	Tissue alkaline phosphatase activity and expression in an experimental infant swine model of cardiopulmonary bypass with deep hypothermic circulatory arrest. <i>Journal of Inflammation</i> , 2020, 17, 27.	3.4	4
1283	Effects of Ischemia-Reperfusion on Tubular Cell Membrane Transporters and Consequences in Kidney Transplantation. <i>Journal of Clinical Medicine</i> , 2020, 9, 2610.	2.4	19
1284	Ablation of Peroxiredoxin V Exacerbates Ischemia/Reperfusion-Induced Kidney Injury in Mice. <i>Antioxidants</i> , 2020, 9, 769.	5.1	8
1285	Tubeimoside-1 Protects Against Renal Ischemia Reperfusion Injury In Vivo and In Vitro. <i>Natural Product Communications</i> , 2020, 15, 1934578X2097764.	0.5	0
1286	Oxidative Stress and Antioxidant Treatments in Cardiovascular Diseases. <i>Antioxidants</i> , 2020, 9, 1292.	5.1	86
1287	Farm Animal-derived Models of the Intestinal Epithelium: Recent Advances and Future Applications of Intestinal Organoids. <i>ATLA Alternatives To Laboratory Animals</i> , 2020, 48, 215-233.	1.0	14
1288	Sirtuin 1-dependent regulation of high mobility box 1 in hypoxia-“reoxygenated brain microvascular endothelial cells: roles in neuronal amyloidogenesis. <i>Cell Death and Disease</i> , 2020, 11, 1072.	6.3	8
1289	Disease Mechanisms of Perioperative Organ Injury. <i>Anesthesia and Analgesia</i> , 2020, 131, 1730-1750.	2.2	16

#	ARTICLE	IF	CITATIONS
1290	<p></p>Systemic Inflammatory Response Syndrome and Outcomes in Ischemic Patients Treated with Endovascular Treatment<p></p>. Clinical Interventions in Aging, 2020, Volume 15, 2331-2340.	2.9	8
1291	The Protective Effects of Peroxisome Proliferator-Activated Receptor Gamma in Cerebral Ischemia-Reperfusion Injury. Frontiers in Neurology, 2020, 11, 588516.	2.4	32
1292	Inhibition of 15-PGDH prevents ischemic renal injury by the PGE₂/EP₄ signaling pathway mediating vasodilation, increased renal blood flow, and increased adenosine/A_{2A} receptors. American Journal of Physiology - Renal Physiology, 2020, 319, F1054-F1066.	2.7	12
1293	In Vitro/Ex Vivo Models for the Study of Ischemia Reperfusion Injury during Kidney Perfusion. International Journal of Molecular Sciences, 2020, 21, 8156.	4.1	8
1294	Notoginseng Leaf Triterpenes Ameliorates OGD/R-Induced Neuronal Injury via SIRT1/2/3-Foxo3a-MnSOD/PGC-1β Signaling Pathways Mediated by the NAMPT-NAD Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	4.0	36
1295	MCU^B Induction Protects the Heart From Postischemic Remodeling. Circulation Research, 2020, 127, 379-390.	4.5	36
1296	Protection against renal ischemia and reperfusion injury by short-term time-restricted feeding involves the mitochondrial unfolded protein response. Free Radical Biology and Medicine, 2020, 154, 75-83.	2.9	16
1297	MSC Therapies for COVID-19: Importance of Patient Coagulopathy, Thromboprophylaxis, Cell Product Quality and Mode of Delivery for Treatment Safety and Efficacy. Frontiers in Immunology, 2020, 11, 1091.	4.8	128
1298	Tri-Manganese(III) Salen-Based Cryptands: A Metal Cooperative Antioxidant Strategy that Overcomes Ischemic Stroke Damage <i>In Vivo</i>. Journal of the American Chemical Society, 2020, 142, 10219-10227.	13.7	35
1299	Particle-based artificial three-dimensional stem cell spheroids for revascularization of ischemic diseases. Science Advances, 2020, 6, eaaz8011.	10.3	40
1300	Sickle cell disease as a vascular disorder. Expert Review of Hematology, 2020, 13, 645-653.	2.2	9
1301	Prospective, single-centre, randomised controlled trial to evaluate the efficacy and safety of ischaemia-free liver transplantation (IFLT) in the treatment of end-stage liver disease. BMJ Open, 2020, 10, e035374.	1.9	8
1302	Immunological regulatory effect of flavonoid baicalin on innate immune toll-like receptors. Pharmacological Research, 2020, 158, 104890.	7.1	30
1303	Inhibition of a triggering receptor expressed on myeloid cells-1 (TREM-1) with an extracellular cold-inducible RNA-binding protein (eCIRP)-derived peptide protects mice from intestinal ischemia-reperfusion injury. Surgery, 2020, 168, 478-485.	1.9	19
1304	MicroRNAs and long non-coding RNAs in liver surgery: Diagnostic and therapeutic merits. Hepatobiliary and Pancreatic Diseases International, 2020, 19, 218-228.	1.3	5
1305	Protective Action of Betulinic Acid on Cerebral Ischemia/Reperfusion Injury through Inflammation and Energy Metabolic Homeostasis. Applied Sciences (Switzerland), 2020, 10, 2578.	2.5	3
1306	Computed Tomography Perfusion After Thrombectomy. Stroke, 2020, 51, 1736-1742.	2.0	45
1307	Platelets in Thrombo-Inflammation: Concepts, Mechanisms, and Therapeutic Strategies for Ischemic Stroke. Hamostaseologie, 2020, 40, 153-164.	1.9	22

#	ARTICLE	IF	CITATIONS
1308	A nonrandomized open-label phase 2 trial of nonischemic heart preservation for human heart transplantation. <i>Nature Communications</i> , 2020, 11, 2976.	12.8	61
1309	Ischemia and reperfusion injury in uterus transplantation: A comprehensive review. <i>Transplantation Reviews</i> , 2020, 34, 100550.	2.9	8
1310	Cardioprotective effect of taurine and Î²-alanine against cardiac disease in myocardial ischemia and reperfusion-induced rats. <i>Electronic Journal of Biotechnology</i> , 2020, 45, 46-52.	2.2	10
1311	Extracellular vesicles derived from macrophage promote angiogenesis In vitro and accelerate new vasculature formation In vivo. <i>Experimental Cell Research</i> , 2020, 394, 112146.	2.6	28
1312	N6-methyladenosine (m6A) methylation in ischemiaâ€“reperfusion injury. <i>Cell Death and Disease</i> , 2020, 11, 478.	6.3	34
1313	Inhibition of microRNA-128-3p alleviates liver ischaemiaâ€“reperfusion injury in mice through repressing the Rnd3/NFâ€“B axis. <i>Innate Immunity</i> , 2020, 26, 528-536.	2.4	20
1314	Will the hydrogen therapy be approved shortly?. <i>Annals of Translational Medicine</i> , 2020, 8, 264-264.	1.7	4
1315	Post-Ischemic Renal Fibrosis Progression Is Halted by Delayed Contralateral Nephrectomy: The Involvement of Macrophage Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3825.	4.1	9
1316	Strategies to Modulate MicroRNA Functions for the Treatment of Cancer or Organ Injury. <i>Pharmacological Reviews</i> , 2020, 72, 639-667.	16.0	45
1317	Neuroprotective effect of Umbelliferone against Cerebral ischemia/Reperfusion induced neurological deficits: <i>in-vivo</i> and <i>in-silico</i> studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4715-4725.	3.5	14
1319	Potential sphingosine-1-phosphate-related therapeutic targets in the treatment of cerebral ischemia reperfusion injury. <i>Life Sciences</i> , 2020, 249, 117542.	4.3	12
1320	Extracellular Vesicles as Mediators of Cellular Crosstalk Between Immune System and Kidney Graft. <i>Frontiers in Immunology</i> , 2020, 11, 74.	4.8	57
1321	<p>Novel Resolution Mediators of Severe Systemic Inflammation</p>. <i>ImmunoTargets and Therapy</i> , 2020, Volume 9, 31-41.	5.8	14
1322	C-Reactive Protein and Its Structural Isoforms: An Evolutionary Conserved Marker and Central Player in Inflammatory Diseases and Beyond. <i>Sub-Cellular Biochemistry</i> , 2020, 94, 499-520.	2.4	46
1323	<p>miR-346 Inhibited Apoptosis Against Myocardial Ischemia-Reperfusion Injury via Targeting Bax in Rats</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 895-905.	4.3	19
1324	CXCL16 silencing alleviates hepatic ischemia reperfusion injury during liver transplantation by inhibiting p38 phosphorylation. <i>Pathology Research and Practice</i> , 2020, 216, 152913.	2.3	4
1325	Sphingosine 1-phosphate signaling in ischemia and reperfusion injury. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 149, 106436.	1.9	21
1326	Mild Hypothermia Attenuates Hepatic Ischemiaâ€“Reperfusion Injury through Regulating the JAK2/STAT3-CPT1a-Dependent Fatty Acid <i>Î²</i>-Oxidation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	4.0	7

#	ARTICLE	IF	CITATIONS
1327	Î-Opioid Receptors, microRNAs, and Neuroinflammation in Cerebral Ischemia/Hypoxia. <i>Frontiers in Immunology</i> , 2020, 11, 421.	4.8	25
1328	S100A12 promotes inflammation and apoptosis in ischemia/reperfusion injury via ERK signaling <i>in vitro</i> study using PC12 cells. <i>Pathology International</i> , 2020, 70, 403-412.	1.3	13
1329	TATâ€dextranâ€mediated mitochondrial transfer enhances recovery from models of reperfusion injury in cultured cardiomyocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5007-5020.	3.6	37
1330	Kidney Perfusion as an Organ Quality Assessment Toolâ€Are We Counting Our Chickens Before They Have Hatched?. <i>Journal of Clinical Medicine</i> , 2020, 9, 879.	2.4	34
1331	LncRNA H19 promotes inflammatory response induced by cerebral ischemiaâ€reperfusion injury through regulating the miR-138-5pâ€p53 axis. <i>Biochemistry and Cell Biology</i> , 2020, 98, 525-536.	2.0	23
1332	Critical roles of microRNA-141-3p and CHD8 in hypoxia/reoxygenation-induced cardiomyocyte apoptosis. <i>Cell and Bioscience</i> , 2020, 10, 20.	4.8	18
1333	Stimuliâ€Responsive Delivery of Growth Factors for Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901714.	7.6	86
1334	Extracellular vesicles for treatment of solid organ ischemiaâ€reperfusion injury. <i>American Journal of Transplantation</i> , 2020, 20, 3294-3307.	4.7	35
1335	An Interplay Between MRTF-A and the Histone Acetyltransferase TIP60 Mediates Hypoxia-Reoxygenation Induced iNOS Transcription in Macrophages. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 484.	3.7	23
1336	Diazoxide Preconditioning of Nonhuman Primate Pancreas Improves Islet Isolation Outcomes by Mitochondrial Protection. <i>Pancreas</i> , 2020, 49, 706-713.	1.1	0
1337	Regulation of PGE2 Pathway During Cerebral Ischemia Reperfusion Injury in Rat. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1483-1496.	3.3	13
1338	Cell release during perfusion reflects cold ischemic injury in rat livers. <i>Scientific Reports</i> , 2020, 10, 1102.	3.3	11
1339	NCX and EAAT transporters in ischemia: At the crossroad between glutamate metabolism and cell survival. <i>Cell Calcium</i> , 2020, 86, 102160.	2.4	15
1340	Vagus Nerve Stimulation Ameliorates Renal Ischemia-Reperfusion Injury through Inhibiting NF- κ B Activation and iNOS Protein Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	4.0	16
1341	Transporter-Mediated Delivery of Small Molecule Drugs to the Brain: A Critical Mechanism That Can Advance Therapeutic Development for Ischemic Stroke. <i>Pharmaceutics</i> , 2020, 12, 154.	4.5	27
1342	HMGB1 Protects the Heart Against Ischemiaâ€Reperfusion Injury via PI3K/Akt Pathway-Mediated Upregulation of VEGF Expression. <i>Frontiers in Physiology</i> , 2019, 10, 1595.	2.8	20
1343	New insights into the novel anti-inflammatory mode of action of glucocorticoids. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 59-73.	2.4	36
1344	The influence of ischemia and reperfusion time on outcome in heart transplantation. <i>Clinical Transplantation</i> , 2020, 34, e13840.	1.6	20

#	ARTICLE	IF	CITATIONS
1345	Mesenchymal Stem Cells Promote the Resolution of Cardiac Inflammation After Ischemia Reperfusion Via Enhancing Efferocytosis of Neutrophils. <i>Journal of the American Heart Association</i> , 2020, 9, e014397.	3.7	22
1346	Nitrite attenuates mitochondrial impairment and vascular permeability induced by ischemia-reperfusion injury in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L580-L591.	2.9	4
1347	Intra- and extra-hospital improvement in ischemic stroke patients: influence of reperfusion therapy and molecular mechanisms. <i>Scientific Reports</i> , 2020, 10, 3513.	3.3	7
1348	The Impact of Hypoxia on Neutrophil Degranulation and Consequences for the Host. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1183.	4.1	54
1349	Observing Malondialdehyde-Mediated Signaling Pathway in Cerebral Ischemia Reperfusion Injury with a Specific Nanolight. <i>Analytical Chemistry</i> , 2020, 92, 2748-2755.	6.5	25
1350	Targeting the NF- κ B pathway for therapy of ischemic stroke. <i>Therapeutic Delivery</i> , 2020, 11, 113-123.	2.2	55
1351	New frontiers in probing the dynamics of purinergic transmitters in vivo. <i>Neuroscience Research</i> , 2020, 152, 35-43.	1.9	16
1352	Hypoxia-inducible factors in metabolic reprogramming during sepsis. <i>FEBS Journal</i> , 2020, 287, 1478-1495.	4.7	27
1353	Vagus Nerve Stimulation Alleviates Hepatic Ischemia and Reperfusion Injury by Regulating Glutathione Production and Transformation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	4.0	8
1354	Cardio-renal Exosomes in Myocardial Infarction Serum Regulate Proangiogenic Paracrine Signaling in Adipose Mesenchymal Stem Cells. <i>Theranostics</i> , 2020, 10, 1060-1073.	10.0	56
1355	Scutellarin protects against myocardial ischemia-reperfusion injury by suppressing NLRP3 inflammasome activation. <i>Phytomedicine</i> , 2020, 68, 153169.	5.3	50
1356	Catechin relieves hypoxia/reoxygenation-induced myocardial cell apoptosis via down-regulating lncRNA MIAT. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2356-2368.	3.6	25
1357	PHLDA1 is a new therapeutic target of oxidative stress and ischemia reperfusion-induced myocardial injury. <i>Life Sciences</i> , 2020, 245, 117347.	4.3	20
1358	Irisin Improves Autophagy of Aged Hepatocytes via Increasing Telomerase Activity in Liver Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	4.0	49
1359	The Pomace Extract Taurisolo Protects Rat Brain From Ischemia-Reperfusion Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 3.	3.7	23
1360	Targeting of intragraft reactive oxygen species by APP-103, a novel polymer product, mitigates ischemia/reperfusion injury and promotes the survival of renal transplants. <i>American Journal of Transplantation</i> , 2020, 20, 1527-1537.	4.7	21
1361	Bacopa Monnieri Protects the Directly Affected Organ as Well as Distant Organs Against I/R Injury by Modulating Anti-Inflammatory and Anti-Nitrosative Pathways in A Rat Model for Infra-Renal Aortic Occlusion. <i>Journal of Investigative Surgery</i> , 2021, 34, 935-946.	1.3	3
1362	Human monocytes subjected to ischaemia/reperfusion inhibit angiogenesis and wound healing in vitro. <i>Cell Proliferation</i> , 2020, 53, e12753.	5.3	10

#	ARTICLE	IF	CITATIONS
1363	Neutrophils as emerging therapeutic targets. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 253-275.	46.4	386
1364	Deoxyribonuclease Reduces Tissue Injury and Improves Survival After Hemorrhagic Shock. <i>Journal of Surgical Research</i> , 2020, 249, 104-113.	1.6	8
1365	CARD3 Promotes Cerebral Ischemia-Induced Reperfusion Injury Via Activation of TAK1. <i>Journal of the American Heart Association</i> , 2020, 9, e014920.	3.7	14
1366	The effector cells and cellular mediators of immune system involved in cardiac inflammation and fibrosis after myocardial infarction. <i>Journal of Cellular Physiology</i> , 2020, 235, 8996-9004.	4.1	16
1367	TRAF5 protects against myocardial ischemia reperfusion injury via AKT signaling. <i>European Journal of Pharmacology</i> , 2020, 878, 173092.	3.5	12
1368	Adiponectin peptide alleviates oxidative stress and NLRP3 inflammasome activation after cerebral ischemia-reperfusion injury by regulating AMPK/GSK-3 β . <i>Experimental Neurology</i> , 2020, 329, 113302.	4.1	110
1369	Exercise training protects the heart against ischemia-reperfusion injury: A central role for mitochondria?. <i>Free Radical Biology and Medicine</i> , 2020, 152, 395-410.	2.9	20
1370	Terminalia catappa L. infusion accelerates the healing process of gastric ischemia-reperfusion injury in rats. <i>Journal of Ethnopharmacology</i> , 2020, 256, 112793.	4.1	8
1371	Enhanced thioredoxin, glutathione and Nrf2 antioxidant systems by safflower extract and aceglutamide attenuate cerebral ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 4967-4980.	3.6	21
1372	Cytomegalovirus Latency and Reactivation: An Intricate Interplay With the Host Immune Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 130.	3.9	121
1373	Aldehyde Dehydrogenase 2 Protects Against Post-Cardiac Arrest Myocardial Dysfunction Through a Novel Mechanism of Suppressing Mitochondrial Reactive Oxygen Species Production. <i>Frontiers in Pharmacology</i> , 2020, 11, 373.	3.5	27
1374	Microvesicles derived from human umbilical cord mesenchymal stem cells ameliorate renal ischemia-reperfusion injury via delivery of miR-21. <i>Cell Cycle</i> , 2020, 19, 1285-1297.	2.6	13
1375	Kaempferol Protects Cell Damage in In Vitro Ischemia Reperfusion Model in Rat Neuronal PC12 Cells. <i>BioMed Research International</i> , 2020, 2020, 1-10.	1.9	18
1376	Ezetimibe Prevents Ischemia/Reperfusion-Induced Oxidative Stress and Up-Regulates Nrf2/ARE and UPR Signaling Pathways. <i>Antioxidants</i> , 2020, 9, 349.	5.1	8
1377	Platelet necrosis mediates ischemic stroke outcome in mice. <i>Blood</i> , 2020, 135, 429-440.	1.4	61
1378	miR-211-5p alleviates focal cerebral ischemia-reperfusion injury in rats by down-regulating the expression of COX2. <i>Biochemical Pharmacology</i> , 2020, 177, 113983.	4.4	27
1379	Drp1 regulates mitochondrial dysfunction and dysregulated metabolism in ischemic injury via Clec16a-, BAX-, and GSH- pathways. <i>Cell Death and Disease</i> , 2020, 11, 251.	6.3	44
1380	Carbon Monoxide Being Hydrogen Sulfide and Nitric Oxide Molecular Sibling, as Endogenous and Exogenous Modulator of Oxidative Stress and Antioxidative Mechanisms in the Digestive System. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	21

#	ARTICLE	IF	CITATIONS
1381	Pharmacological inhibition of poly (ADP-ribose) polymerase by olaparib, prevents acute lung injury associated cognitive deficits potentially through suppression of inflammatory response. <i>European Journal of Pharmacology</i> , 2020, 877, 173091.	3.5	26
1382	Cytochrome P450 Epoxygenase 2J2 Protects Against Lung Ischemia/Reperfusion Injury by Activating the P13K/Akt/GSK-3 β /NF- κ B Signaling Pathway During Deep Hypothermic Low Flow in Mice. <i>Journal of Surgical Research</i> , 2020, 253, 8-17.	1.6	3
1383	Lipid mediators and sterile inflammation in ischemic stroke. <i>International Immunology</i> , 2020, 32, 719-725.	4.0	22
1384	Role of miR-139-5p in relieving renal allograft ischemia-reperfusion injury by inhibiting c-Jun NH-terminal kinase (JNK) signaling pathway. <i>Materials Express</i> , 2020, 10, 231-239.	0.5	1
1385	Desflurane Preconditioning Protects Against Renal Ischemia-Reperfusion Injury and Inhibits Inflammation and Oxidative Stress in Rats Through Regulating the Nrf2-Keap1-ARE Signaling Pathway. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1351-1362.	4.3	7
1386	Fibroblast Growth Factor 2 Attenuates Renal Ischemia-Reperfusion Injury via Inhibition of Endoplasmic Reticulum Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 147.	3.7	24
1387	Implications of hydrogen sulfide in liver pathophysiology: Mechanistic insights and therapeutic potential. <i>Journal of Advanced Research</i> , 2021, 27, 127-135.	9.5	53
1388	Expression of Long Non-coding RNA RGD1566344 in the Brain Cortex of Male Mice After Focal Cerebral Ischemia-Reperfusion and the Neuroprotective Effect of a Non-coding RNA RGD1566344 Inhibitor. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 705-716.	3.3	6
1389	Targeting the MicroRNA-490-3p-ATG4B-Autophagy Axis Relieves Myocardial Injury in Ischemia Reperfusion. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 173-183.	2.4	9
1390	Novel delivery of cellular therapy to reduce ischemia reperfusion injury in kidney transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 1402-1414.	4.7	46
1391	Quercetin and lithium chloride potentiate the protective effects of carvedilol against renal ischemia-reperfusion injury in high-fructose, high-fat diet-fed Swiss albino mice independent of renal lipid signaling. <i>Chemico-Biological Interactions</i> , 2021, 333, 109307.	4.0	8
1392	Monocyte subsets predict mortality after cardiac arrest. <i>Journal of Leukocyte Biology</i> , 2021, 109, 1139-1146.	3.3	13
1393	Hydrogen sulfide-loaded microbubbles combined with ultrasound mediate thrombolysis and simultaneously mitigate ischemia-reperfusion injury in a rat hindlimb model. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 738-752.	3.8	9
1394	Monoacylglycerol Acyltransferase 1 Knockdown Exacerbates Hepatic Ischemia/Reperfusion Injury in Mice With Hepatic Steatosis. <i>Liver Transplantation</i> , 2021, 27, 116-133.	2.4	12
1395	Potentially obesogenic diets alter metabolic and neurobehavioural parameters in Wistar rats: a comparison between two dietary models. <i>Journal of Affective Disorders</i> , 2021, 279, 451-461.	4.1	14
1396	Activated PKB/GSK-3 β synergizes with PKC δ signaling in attenuating myocardial ischemia/reperfusion injury via potentiation of NRF2 activity: Therapeutic efficacy of dihydrotanshinone-I. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 71-88.	12.0	37
1397	Histidine-Rich Glycoprotein Alleviates Liver Ischemia/Reperfusion Injury in Mice With Nonalcoholic Steatohepatitis. <i>Liver Transplantation</i> , 2021, 27, 840-853.	2.4	12
1398	Luminal polyethylene glycol solution delays the onset of preservation injury in the human intestine. <i>American Journal of Transplantation</i> , 2021, 21, 2220-2230.	4.7	8

#	ARTICLE	IF	CITATIONS
1399	Mitochondrial quality surveillance as a therapeutic target in myocardial infarction. <i>Acta Physiologica</i> , 2021, 231, e13590.	3.8	89
1400	Stabilizing mast cells improves acute lung injury after orthotopic liver transplantation via promotion of apoptosis in polymorphonuclear neutrophils. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L266-L275.	2.9	7
1401	Melatonin and regulation of autophagy: Mechanisms and therapeutic implications. <i>Pharmacological Research</i> , 2021, 163, 105279.	7.1	17
1402	Knockdown of <i>lncRNA TTTY15</i> alleviates myocardial ischemia/reperfusion injury through the <i>miR-374a-5p/FOXO1</i> axis. <i>IUBMB Life</i> , 2021, 73, 273-285.	3.4	17
1403	MicroRNA mediated regulation of the major redox homeostasis switch, Nrf2, and its impact on oxidative stress-induced ischemic/reperfusion injury. <i>Archives of Biochemistry and Biophysics</i> , 2021, 698, 108725.	3.0	29
1404	Pharmacological preconditioning protects from ischemia/reperfusion-induced apoptosis by modulating <i>Bcl-2</i> expression through a ROS-dependent mechanism. <i>FEBS Journal</i> , 2021, 288, 3547-3569.	4.7	8
1405	<i>Nidogen-1</i> Mitigates Ischemia and Promotes Tissue Survival and Regeneration. <i>Advanced Science</i> , 2021, 8, 2002500.	11.2	15
1406	Circadian influence on inflammatory response during cardiovascular disease. <i>Current Opinion in Pharmacology</i> , 2021, 57, 60-70.	3.5	23
1407	Global metabolic profiling of hemorrhagic shock and resuscitation. <i>Biomedical Chromatography</i> , 2021, 35, e5044.	1.7	1
1408	The optimization conditions of establishing an H9c2 cardiomyocyte hypoxia/reoxygenation injury model based on an AnaeroPack System. <i>Cell Biology International</i> , 2021, 45, 757-765.	3.0	7
1409	Protective Effects of Human Liver Stem Cell-Derived Extracellular Vesicles in a Mouse Model of Hepatic Ischemia-Reperfusion Injury. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 459-470.	3.8	14
1410	Hypoxia in multiple sclerosis; is it the chicken or the egg?. <i>Brain</i> , 2021, 144, 402-410.	7.6	24
1411	Protective Effects of Fisetin on Hepatic Ischemia-reperfusion Injury Through Alleviation of Apoptosis and Oxidative Stress. <i>Archives of Medical Research</i> , 2021, 52, 163-173.	3.3	17
1412	Sterile inflammation in thoracic transplantation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 581-601.	5.4	25
1413	miR-98-5p protects against cerebral ischemia/reperfusion injury through anti-apoptosis and anti-oxidative stress in mice. <i>Journal of Biochemistry</i> , 2021, 169, 195-206.	1.7	21
1414	Resolvin D1 Attenuates the Organ Injury Associated With Experimental Hemorrhagic Shock. <i>Annals of Surgery</i> , 2021, 273, 1012-1021.	4.2	16
1415	Circ_nuclear factor I X (circNfix) attenuates pressure overload-induced cardiac hypertrophy via regulating miR-145-5p/ATF3 axis. <i>Bioengineered</i> , 2021, 12, 5373-5385.	3.2	18
1416	Targeting sirtuins to modulate energy metabolism in heart disease. , 2021, , 285-293.		1

#	ARTICLE	IF	CITATIONS
1417	MicroRNA-124a Protects the Myocardium Against Ischemia Reperfusion Injury Through Regulation of the Notch Signaling Pathway. Brazilian Journal of Cardiovascular Surgery, 2022, 37, .	0.6	4
1418	Proteomic analysis reveals ginsenoside Rb1 attenuates myocardial ischemia/reperfusion injury through inhibiting ROS production from mitochondrial complex I. Theranostics, 2021, 11, 1703-1720.	10.0	92
1419	Berberine Protects the Heart from Ischemic Reperfusion Injury via Interference with Oxidative and Inflammatory Pathways. Medicinski Arhiv = Medical Archives = Archives De Médecine, 2021, 75, 174.	0.9	5
1420	Proteomics analysis of human intestinal organoids during hypoxia and reoxygenation as a model to study ischemia-reperfusion injury. Cell Death and Disease, 2021, 12, 95.	6.3	22
1421	Regulatory RNAs in cardiovascular disease. , 2021, , 127-162.		0
1422	Pien-Tze-Huang attenuates neuroinflammation in cerebral ischaemia-reperfusion injury in rats through the TLR4/NF- κ B/MAPK pathway. Pharmaceutical Biology, 2021, 59, 826-837.	2.9	13
1423	Resuscitation of the pancreas: whole organ and islet cell technologies into the machine era. , 2021, , 135-168.		0
1424	Reactive oxygen species, redox signaling, and regulation of vascular endothelial signaling. , 2021, , 37-45.		0
1425	Non-coding RNAs in Cardiomyopathy and Heart Failure. , 2021, , 119-147.		0
1426	In vitro blood-brain barrier model derived from human iPS cells and its applications. , 2021, , 63-85.		0
1427	Hemodynamics in acute stroke: Cerebral and cardiac complications. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 177, 295-317.	1.8	0
1428	Emerging role of VCP/p97 in cardiovascular diseases: novel insights and therapeutic opportunities. Biochemical Society Transactions, 2021, 49, 485-494.	3.4	4
1429	Biomimetic Design of Mitochondria-Targeted Hybrid Nanozymes as Superoxide Scavengers. Advanced Materials, 2021, 33, e2006570.	21.0	115
1430	Teriflunomide provides protective properties after oxygen-glucose-deprivation in hippocampal and cerebellar slice cultures. Neural Regeneration Research, 2021, 16, 2243.	3.0	1
1431	DUSP12 acts as a novel endogenous protective signal against hepatic ischemia-reperfusion damage by inhibiting ASK1 pathway. Clinical Science, 2021, 135, 161-166.	4.3	7
1432	Nasal Obstruction as a Potential Factor Contributing to Hypoxemia in Obstructive Sleep Apnea. Nature and Science of Sleep, 2021, Volume 13, 55-62.	2.7	3
1433	Retina as a window to cerebral dysfunction following studies with circRNA signature during neurodegeneration. Theranostics, 2021, 11, 1814-1827.	10.0	20
1434	Scope to develop sirtuins modulators as a therapy to attenuate cardiac complications. , 2021, , 241-260.		0

#	ARTICLE	IF	CITATIONS
1435	Dual and Opposite Costimulatory Targeting with a Novel Human Fusion Recombinant Protein Effectively Prevents Renal Warm Ischemia Reperfusion Injury and Allograft Rejection in Murine Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1216.	4.1	4
1436	Aloin antagonizes stimulated ischemia/reperfusion-induced damage and inflammatory response in cardiomyocytes by activating the Nrf2/HO-1 defense pathway. <i>Cell and Tissue Research</i> , 2021, 384, 735-744.	2.9	23
1437	Neuroprotection by cattle encephalon glycoside and ignotin beyond the time window of thrombolysis in ischemic stroke. <i>Neural Regeneration Research</i> , 2021, 16, 312.	3.0	6
1438	Opioids and Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2021, 41, 11-18.	1.6	4
1439	The Role of JNK in Apoptosis after Cerebral Ischemia-Reperfusion Injury. <i>Advances in Clinical Medicine</i> , 2021, 11, 21111-2119.	0.0	3
1440	Changes of renal histopathology and the role of Nrf2/HO-1 in asphyxial cardiac arrest model in rats. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e360607.	0.7	5
1441	Inhibition of adenosine kinase attenuates myocardial ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2931-2943.	3.6	10
1442	HDAC3 Downregulation Improves Cerebral Ischemic Injury via Regulation of the SDC1-Dependent JAK1/STAT3 Signaling Pathway Through miR-19a Upregulation. <i>Molecular Neurobiology</i> , 2021, 58, 3158-3174.	4.0	5
1443	MircoRNA-29a in Astrocyte-derived Extracellular Vesicles Suppresses Brain Ischemia Reperfusion Injury via TP53INP1 and the NF- κ B/NLRP3 Axis. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1487-1500.	3.3	19
1444	Management of Elevated Blood Pressure After Stroke Thrombectomy for Anterior Circulation. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 405-413.	2.5	4
1445	Investigation of brain damage mechanism in middle cerebral artery occlusion/reperfusion rats based on i-TRAQ quantitative proteomics. <i>Experimental Brain Research</i> , 2021, 239, 1247-1260.	1.5	6
1446	One-electron reduction triggered nitric oxide release for ischemia-reperfusion protection. <i>Free Radical Biology and Medicine</i> , 2021, 164, 13-19.	2.9	4
1447	Controlled DCD Liver Transplantation Is not Associated With Increased Hyper-fibrinolysis and Blood Loss After Graft Reperfusion. <i>Transplantation</i> , 2021, Publish Ahead of Print, .	1.0	0
1448	Renovascular effects of inorganic nitrate following ischemia-reperfusion of the kidney. <i>Redox Biology</i> , 2021, 39, 101836.	9.0	13
1449	Paraoxonase 2 protects against oxygen-glucose deprivation/reoxygenation-induced neuronal injury by enhancing Nrf2 activation via GSK-3 β modulation. <i>Human and Experimental Toxicology</i> , 2021, 40, 1342-1354.	2.2	7
1450	Hemorheological and Microcirculatory Factors in Liver Ischemia-Reperfusion Injury—An Update on Pathophysiology, Molecular Mechanisms and Protective Strategies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1864.	4.1	21
1451	Preservation of epoxyeicosatrienoic acid bioavailability prevents renal allograft dysfunction and cardiovascular alterations in kidney transplant recipients. <i>Scientific Reports</i> , 2021, 11, 3739.	3.3	4
1452	The protective effects of curcumin in cerebral ischemia and reperfusion injury through PKC- δ signaling. <i>Cell Cycle</i> , 2021, 20, 550-560.	2.6	12

#	ARTICLE	IF	CITATIONS
1453	Alteration of mRNA 5-Methylcytosine Modification in Neurons After OGD/R and Potential Roles in Cell Stress Response and Apoptosis. <i>Frontiers in Genetics</i> , 2021, 12, 633681.	2.3	12
1454	Nanomicellar curcuminoids attenuates renal ischemia/reperfusion injury in rat through prevention of apoptosis and downregulation of MAPKs pathways. <i>Molecular Biology Reports</i> , 2021, 48, 1735-1743.	2.3	5
1455	Discovery of new therapeutic redox targets for cardioprotection against ischemia/reperfusion injury and heart failure. <i>Free Radical Biology and Medicine</i> , 2021, 163, 325-343.	2.9	48
1456	Platelets and lymphocytes drive progressive penumbral tissue loss during middle cerebral artery occlusion in mice. <i>Journal of Neuroinflammation</i> , 2021, 18, 46.	7.2	18
1457	[D-Ala2, D-Leu5] Enkephalin Inhibits TLR4/NF- κ B Signaling Pathway and Protects Rat Brains against Focal Ischemia-Reperfusion Injury. <i>Mediators of Inflammation</i> , 2021, 2021, 1-9.	3.0	6
1458	Circadian rhythm as a therapeutic target. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 287-307.	46.4	177
1459	Comparison of the Preventive Effects of Carvedilol and Nebivolol on Kidney Ischemia Reperfusion Injury. <i>Turkish Journal of Nephrology</i> , 2021, 30, 9-16.	0.1	1
1460	Uric acid inhibits HMGB1-TLR4-NF- κ B signaling to alleviate oxygen-glucose deprivation/reoxygenation injury of microglia. <i>Biochemical and Biophysical Research Communications</i> , 2021, 540, 22-28.	2.1	10
1461	Interleukin 35 protects cardiomyocytes following ischemia/reperfusion-induced apoptosis via activation of mitochondrial STAT3. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 410-418.	2.0	8
1462	The growing landscape of succinylation links metabolism and heart disease. <i>Epigenomics</i> , 2021, 13, 319-333.	2.1	14
1463	Therapeutic Hypothermia Inhibits the Classical Complement Pathway in a Rat Model of Neonatal Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Neuroscience</i> , 2021, 15, 616734.	2.8	10
1464	Ferroptosis: mechanisms and links with diseases. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 49.	17.1	508
1465	Cardiomyocyte protective effects of thyroid hormone during hypoxia/reoxygenation injury through activating of IGF1-mediated PI3K/Akt signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3205-3215.	3.6	9
1466	Non-operative Reduction of Intussusception in 16-Month-Old Boy with Sudden Episode of Hemorrhaging Deterioration via Reperfusion of Meckel's Diverticulum: Case Report. <i>Central European Journal of Paediatrics</i> , 2021, 17, 43-47.	0.1	0
1467	Intravoxel Incoherent Motion and Dynamic Contrast-Enhanced Magnetic Resonance Imaging to Early Detect Tissue Injury and Microcirculation Alteration in Hepatic Injury Induced by Intestinal Ischemia-Reperfusion in a Rat Model. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 751-760.	3.4	5
1468	Deciphering the Role of Heme Oxygenase-1 (HO-1) Expressing Macrophages in Renal Ischemia-Reperfusion Injury. <i>Biomedicines</i> , 2021, 9, 306.	3.2	10
1469	Elevated postischemic tissue injury and leukocyte-endothelial adhesive interactions in mice with global deficiency in caveolin-2: role of PAI-1. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1185-H1198.	3.2	4
1470	Anti-CD321 antibody immunotherapy protects liver against ischemia and reperfusion-induced injury. <i>Scientific Reports</i> , 2021, 11, 6312.	3.3	3

#	ARTICLE	IF	CITATIONS
1471	Exosomal LINC00174 derived from vascular endothelial cells attenuates myocardial I/R injury via p53-mediated autophagy and apoptosis. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1304-1322.	5.1	29
1472	miR-130a activates the VEGFR2/STAT3/HIF1 α axis to potentiate the vasoregenerative capacity of endothelial colony-forming cells in hypoxia. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 968-981.	5.1	9
1473	LncRNA MALAT1 aggravates oxygen-glucose deprivation/reoxygenation-induced neuronal endoplasmic reticulum stress and apoptosis via the miR-195a-5p/HMGA1 axis. <i>Biological Research</i> , 2021, 54, 8.	3.4	17
1474	2-Methoxyestradiol Protects Against Lung Ischemia/Reperfusion Injury by Upregulating Annexin A1 Protein Expression. <i>Frontiers in Immunology</i> , 2021, 12, 596376.	4.8	15
1475	Classical Active Ingredients and Extracts of Chinese Herbal Medicines: Pharmacokinetics, Pharmacodynamics, and Molecular Mechanisms for Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	4.0	67
1476	Inhibiting ATP6VOD2 Aggravates Liver Ischemia-Reperfusion Injury by Promoting NLRP3 Activation via Impairing Autophagic Flux Independent of Notch1/Hes1. <i>Journal of Immunology Research</i> , 2021, 2021, 1-16.	2.2	16
1477	Knockdown of lncRNA TTTY15 alleviates ischemia/reperfusion-induced inflammation and apoptosis of PC12 cells by targeting miR-766-5p. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 511.	1.8	7
1478	Hypoxia/HIF Modulates Immune Responses. <i>Biomedicines</i> , 2021, 9, 260.	3.2	40
1479	Liver kinase B1 attenuates liver ischemia/reperfusion injury via inhibiting the NLRP3 inflammasome. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 601-611.	2.0	5
1480	The impact of thromboinflammation on the cerebral microcirculation. <i>Microcirculation</i> , 2021, 28, e12689.	1.8	7
1481	Neutrophil-Induced Liver Injury and Interactions Between Neutrophils and Liver Sinusoidal Endothelial Cells. <i>Inflammation</i> , 2021, 44, 1246-1262.	3.8	27
1482	Fisetin Attenuates Myocardial Ischemia-Reperfusion Injury by Activating the Reperfusion Injury Salvage Kinase (RISK) Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 566470.	3.5	21
1483	Endothelium-dependent remote signaling in ischemia and reperfusion: Alterations in the cardiometabolic continuum. <i>Free Radical Biology and Medicine</i> , 2021, 165, 265-281.	2.9	11
1484	Isochoric Freezing and Its Emerging Applications in Food Preservation. <i>Food Engineering Reviews</i> , 2021, 13, 812-821.	5.9	6
1485	Pretreatment with Propofol Reduces Pulmonary Injury in a Pig Model of Intestinal Ischemia-Reperfusion via Suppressing the High-Mobility Group Box 1 Protein (HMGB1)/Toll-Like Receptor 4 (TLR4)/Protein Kinase R (PKR) Signaling Pathway. <i>Medical Science Monitor</i> , 2021, 27, e930478.	1.1	1
1486	Hyperbaric Oxygen Improves Cerebral Ischemia/Reperfusion Injury in Rats Probably via Inhibition of Autophagy Triggered by the Downregulation of Hypoxia-Inducing Factor-1 Alpha. <i>BioMed Research International</i> , 2021, 2021, 1-8.	1.9	4
1487	Adenosine A2A receptor agonist polydeoxyribonucleotide ameliorates short-term memory impairment by suppressing cerebral ischemia-induced inflammation via MAPK pathway. <i>PLoS ONE</i> , 2021, 16, e0248689.	2.5	14
1488	Preferences for Using a Mobile App in Sickle Cell Disease Self-management: Descriptive Qualitative Study. <i>JMIR Formative Research</i> , 2021, 5, e28678.	1.4	1

#	ARTICLE	IF	CITATIONS
1489	Regulation of Inflammation and Oxidative Stress by Formyl Peptide Receptors in Cardiovascular Disease Progression. <i>Life</i> , 2021, 11, 243.	2.4	16
1490	Drug delivery nanosystems targeted to hepatic ischemia and reperfusion injury. <i>Drug Delivery and Translational Research</i> , 2021, 11, 397-410.	5.8	8
1491	Influence of pentoxifylline on gene expression of PAG1/ miR-1206/ SNHG14 in ischemic heart disease. <i>Biochemistry and Biophysics Reports</i> , 2021, 25, 100911.	1.3	5
1492	Molecular Aspects of Volatile Anesthetic-Induced Organ Protection and Its Potential in Kidney Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2727.	4.1	7
1493	ACSL4 exacerbates ischemic stroke by promoting ferroptosis-induced brain injury and neuroinflammation. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 312-321.	4.1	247
1494	Daphnetin Preconditioning Decreases Cardiac Injury and Susceptibility to Ventricular Arrhythmia following Ischaemia-Reperfusion through the TLR4/MyD88/NF- κ B Signalling Pathway. <i>Pharmacology</i> , 2021, 106, 369-383.	2.2	8
1495	Relationship between oxidative stress and nuclear factor- κ B-related factor-2 signaling in diabetic cardiomyopathy (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 678.	1.8	20
1496	Dexmedetomidine attenuates myocardial ischemia-reperfusion injury in vitro by inhibiting NLRP3 Inflammasome activation. <i>BMC Anesthesiology</i> , 2021, 21, 104.	1.8	6
1497	Effects of hypothermia on inflammatory cytokine expression in rat liver following asphyxial cardiac arrest. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 626.	1.8	4
1498	Nanoassemblies of Disulfide-Bridged Bile Acid Dimers as Therapeutics Agents for Hepatic Ischemia/Reperfusion Injury. <i>ACS Applied Bio Materials</i> , 2021, 4, 3145-3154.	4.6	6
1500	Low Pre-Transplant Caveolin-1 Serum Concentrations Are Associated with Acute Cellular Tubulointerstitial Rejection in Kidney Transplantation. <i>Molecules</i> , 2021, 26, 2648.	3.8	1
1501	Research progress on transient receptor potential melastatin 2 channel in nervous system diseases. <i>Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences</i> , 2021, 50, 267-276.	0.3	2
1502	The Role of Endothelins, IL-18, and NGAL in Kidney Hypothermic Machine Perfusion. <i>Biomedicines</i> , 2021, 9, 417.	3.2	5
1503	Systemic delivery of microRNA for treatment of brain ischemia. <i>Nano Research</i> , 2021, 14, 3319-3328.	10.4	5
1504	Kupffer cell-targeting strategy for the protection of hepatic ischemia/reperfusion injury. <i>Nanotechnology</i> , 2021, 32, 265101.	2.6	9
1505	Vasculopathy in Sickle Cell Disease: From Red Blood Cell Sickling to Vascular Dysfunction. , 2021, 11, 1785-1803.		13
1506	Danhong Injection Attenuates Cerebral Ischemia-Reperfusion Injury in Rats Through the Suppression of the Neuroinflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 561237.	3.5	11
1507	HIF-1 α Prolyl Hydroxylase Inhibitors and Their Implications for Biomedicine: A Comprehensive Review. <i>Biomedicines</i> , 2021, 9, 468.	3.2	50

#	ARTICLE	IF	CITATIONS
1508	Antioxidant and C5a-blocking strategy for hepatic ischemiaâ€“reperfusion injury repair. Journal of Nanobiotechnology, 2021, 19, 107.	9.1	13
1509	Emerging Therapeutic Applications for Fumarates. Trends in Pharmacological Sciences, 2021, 42, 239-254.	8.7	17
1510	SIRT1 is Required for Exercise-Induced Beneficial Effects on Myocardial Ischemia/Reperfusion Injury. Journal of Inflammation Research, 2021, Volume 14, 1283-1296.	3.5	15
1511	Hypoxia-inducible factorâ€“1â€“dependent induction of miR122 enhances hepatic ischemia tolerance. Journal of Clinical Investigation, 2021, 131, .	8.2	33
1512	Structural and Functional Remodeling of Mitochondria in Cardiac Diseases. International Journal of Molecular Sciences, 2021, 22, 4167.	4.1	20
1513	Brutonâ€™s tyrosine kinase: an emerging targeted therapy in myeloid cells within the tumor microenvironment. Cancer Immunology, Immunotherapy, 2021, 70, 2439-2451.	4.2	19
1514	Eva1a inhibits NLRP3 activation to reduce liver ischemia-reperfusion injury via inducing autophagy in kupffer cells. Molecular Immunology, 2021, 132, 82-92.	2.2	28
1515	Nanotheranostics for the Management of Hepatic Ischemiaâ€“Reperfusion Injury. Small, 2021, 17, e2007727.	10.0	51
1516	Non-coding RNAs modulate autophagy in myocardial ischemia-reperfusion injury: a systematic review. Journal of Cardiothoracic Surgery, 2021, 16, 140.	1.1	8
1517	To breathe or not to breathe: Understanding how oxygen sensing contributes to age-related phenotypes. Ageing Research Reviews, 2021, 67, 101267.	10.9	13
1518	Perivascular Macrophages Regulate Blood Flow Following Tissue Damage. Circulation Research, 2021, 128, 1694-1707.	4.5	13
1519	Glutaredoxin 2 protects cardiomyocytes from hypoxia/reoxygenation-induced injury by suppressing apoptosis, oxidative stress, and inflammation via enhancing Nrf2 signaling. International Immunopharmacology, 2021, 94, 107428.	3.8	13
1520	Targeting circadian PER2 as therapy in myocardial ischemia and reperfusion injury. Chronobiology International, 2021, 38, 1262-1273.	2.0	5
1521	Remote and Anesthetic-Induced Myocardial Preconditioning Is Preserved in Atherosclerotic LDL Receptor-/- Mice In Vivo. Cardiovascular Therapeutics, 2021, 2021, 1-8.	2.5	1
1522	Modulation of vascular integrity and neuroinflammation by peroxiredoxin 4 following cerebral ischemia-reperfusion injury. Microvascular Research, 2021, 135, 104144.	2.5	14
1523	Gypenoside XLIX protects against acute kidney injury by suppressing IGFBP7/IGF1R-mediated programmed cell death and inflammation. Phytomedicine, 2021, 85, 153541.	5.3	19
1524	Renal Normothermic Machine Perfusion: The Road Toward Clinical Implementation of a Promising Pretransplant Organ Assessment Tool. Transplantation, 2022, 106, 268-279.	1.0	29
1525	Ameliorating Effects of Î²-Glucan on Epigastric Artery Island Flap Ischemia-Reperfusion Injury. Journal of Surgical Research, 2021, 261, 282-292.	1.6	1

#	ARTICLE	IF	CITATIONS
1526	Systematic Pharmacology Reveals the Antioxidative Stress and Anti-Inflammatory Mechanisms of Resveratrol Intervention in Myocardial Ischemia-Reperfusion Injury. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-15.	1.2	8
1527	Donor Heart Preservation with Hydrogen Sulfide: A Systematic Review and Meta-Analysis. International Journal of Molecular Sciences, 2021, 22, 5737.	4.1	9
1528	Inhibition of autophagy-dependent pyroptosis attenuates cerebral ischaemia/reperfusion injury. Journal of Cellular and Molecular Medicine, 2021, 25, 5060-5069.	3.6	22
1529	Nanozyme Impregnated Mesenchymal Stem Cells for Hepatic Ischemia-Reperfusion Injury Alleviation. ACS Applied Materials & Interfaces, 2021, 13, 25649-25662.	8.0	33
1530	Exogenous Hydrogen Sulfide Plays an Important Role Through Regulating Autophagy in Ischemia/Reperfusion Injury. Frontiers in Molecular Biosciences, 2021, 8, 681676.	3.5	13
1531	Anti-inflammatory and antioxidant effects of the nanocomposite Fullerol decrease the severity of intestinal inflammation induced by gut ischemia and reperfusion. European Journal of Pharmacology, 2021, 898, 173984.	3.5	7
1532	Caffeic Acid Phenethyl Ester Protects Kidney Mitochondria against Ischemia/Reperfusion Induced Injury in an In Vivo Rat Model. Antioxidants, 2021, 10, 747.	5.1	11
1533	SET8 mitigates hepatic ischemia/reperfusion injury in mice by suppressing MARK4/NLRP3 inflammasome pathway. Life Sciences, 2021, 273, 119286.	4.3	12
1534	NR4A1 knockdown confers hepatoprotection against ischaemia-reperfusion injury by suppressing TGF β 1 via inhibition of CYR61/NF κ B in mouse hepatocytes. Journal of Cellular and Molecular Medicine, 2021, 25, 5099-5112.	3.6	14
1535	The protective effects of exogenous spermine on renal ischemia-reperfusion injury in rats. Translational Andrology and Urology, 2021, 10, 2051-2066.	1.4	5
1536	Mechanisms of neuronal cell death in ischemic stroke and their therapeutic implications. Medicinal Research Reviews, 2022, 42, 259-305.	10.5	234
1537	Effect of delayed graft function on longer-term outcomes after kidney transplantation from donation after circulatory death donors in the United Kingdom: A national cohort study. American Journal of Transplantation, 2021, 21, 3346-3355.	4.7	27
1538	LncRNA AK020546 protects against cardiac ischemia-reperfusion injury by sponging miR-350-3p. Aging, 2021, 13, 14219-14233.	3.1	3
1539	Phagocytosis, Degranulation and Extracellular Traps Release by Neutrophils-The Current Knowledge, Pharmacological Modulation and Future Prospects. Frontiers in Pharmacology, 2021, 12, 666732.	3.5	41
1540	Stroke and immunotherapy: Potential mechanisms and its implications as immune-therapeutics. European Journal of Neuroscience, 2021, 54, 4338-4357.	2.6	14
1541	Rational construction of a reversible arylazo-based NIR probe for cycling hypoxia imaging in vivo. Nature Communications, 2021, 12, 2772.	12.8	37
1542	The cardioprotective effects of hydrogen sulfide by targeting endoplasmic reticulum stress and the Nrf2 signaling pathway: A review. BioFactors, 2021, 47, 701-712.	5.4	13
1543	Cell and Gene Therapy for Anemia: Hematopoietic Stem Cells and Gene Editing. International Journal of Molecular Sciences, 2021, 22, 6275.	4.1	14

#	ARTICLE	IF	CITATIONS
1544	Lung Transplantation, Pulmonary Endothelial Inflammation, and Ex-Situ Lung Perfusion: A Review. Cells, 2021, 10, 1417.	4.1	10
1545	Isoflurane Alleviates Myocardial Injury Induced by Hypoxia/Reoxygenation by Regulating miR-18a-5p. Cardiovascular Toxicology, 2021, 21, 800-807.	2.7	3
1546	Insight into Crosstalk between Ferroptosis and Necroptosis: Novel Therapeutics in Ischemic Stroke. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-19.	4.0	67
1547	Mesna ameliorates acute lung injury induced by intestinal ischemiaâ€“reperfusion in rats. Scientific Reports, 2021, 11, 13356.	3.3	8
1548	Current Updates on Potential Role of Flavonoids in Hypoxia/Reoxygenation Cardiac Injury Model. Cardiovascular Toxicology, 2021, 21, 605-618.	2.7	6
1549	Nobiletin alleviates the hypoxia/reoxygenationâ€“induced damage in myocardial cells by modulating the miRâ€“433/SIRT1 axis. Journal of Food Biochemistry, 2021, 45, e13844.	2.9	1
1550	Knockdown of <sc>lncRNA TUG1</sc> attenuates cerebral ischemia/reperfusion injury through regulating <sc>miR</sc>â€“142â€“3p. BioFactors, 2021, 47, 819-827.	5.4	13
1552	Targeting oxidative stress, a crucial challenge in renal transplantation outcome. Free Radical Biology and Medicine, 2021, 169, 258-270.	2.9	22
1553	An integrative strategy for discovery of functional compound combination from Traditional Chinese Medicine: Danhong Injection as a model. Biomedicine and Pharmacotherapy, 2021, 138, 111451.	5.6	13
1554	Impact of preâ€“eclampsia on renal outcome in sickle cell disease patients. British Journal of Haematology, 2021, 194, 1053-1062.	2.5	4
1555	Macrophage extracellular traps aggravate iron overloadâ€“related liver ischaemia/reperfusion injury. British Journal of Pharmacology, 2021, 178, 3783-3796.	5.4	38
1556	Systematic Study of Crucial Transcription Factors of <i>Coptidis rhizoma</i> Alkaloids against Cerebral Ischemia-Reperfusion Injury. ACS Chemical Neuroscience, 2021, 12, 2308-2319.	3.5	10
1557	Dietary Inorganic Nitrate Protects Hepatic Ischemia-Reperfusion Injury Through NRF2-Mediated Antioxidative Stress. Frontiers in Pharmacology, 2021, 12, 634115.	3.5	7
1558	Fatal myoneuropathic metabolic syndrome after surgical repair of popliteal aneurysm rupture with distal occlusion. Chirurgia (Turin), 2021, 34, .	0.1	0
1559	LncRNAs Participate in Post-Resuscitation Myocardial Dysfunction Through the PI3K/Akt Signaling Pathway in a Rat Model of Cardiac Arrest and Cardiopulmonary Resuscitation. Frontiers in Physiology, 2021, 12, 689531.	2.8	1
1560	Cellular Signal Transduction Pathways Involved in Acute Lung Injury Induced by Intestinal Ischemia-Reperfusion. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-9.	4.0	10
1561	Baicalein, Baicalin, and Wogonin: Protective Effects against Ischemia-Induced Neurodegeneration in the Brain and Retina. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	4.0	44
1562	Hypoxia-Inducible Factor Regulates Endothelial Metabolism in Cardiovascular Disease. Frontiers in Physiology, 2021, 12, 670653.	2.8	16

#	ARTICLE	IF	CITATIONS
1563	Protective Effects and Network Analysis of Ginsenoside Rb1 Against Cerebral Ischemia Injury: A Pharmacological Review. <i>Frontiers in Pharmacology</i> , 2021, 12, 604811.	3.5	13
1564	New Insights in Mechanisms and Therapeutics for Short- and Long-Term Impacts of Hepatic Ischemia Reperfusion Injury Post Liver Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8210.	4.1	30
1565	Tetrahydrocannabinol and cannabidiol as an oromucosal spray in a 1:1 ratio: a therapeutic option for patients with central post-stroke pain syndrome?. <i>BMJ Case Reports</i> , 2021, 14, e243072.	0.5	1
1566	SUMOylation as a Therapeutic Target for Myocardial Infarction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 701583.	2.4	12
1567	Gualou Guizhi Granule Suppresses LPS-Induced Inflammatory Response of Microglia and Protects against Microglia-Mediated Neurotoxicity in HT-22 via Akt/NF- κ B Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	1.2	4
1568	Impact of SIRP α polymorphism on transplant outcomes in HLA-identical living donor kidney transplantation. <i>Clinical Transplantation</i> , 2021, 35, e14406.	1.6	5
1569	Sex Differences in Renal Function: Participation of Gonadal Hormones and Prolactin. <i>Endocrines</i> , 2021, 2, 185-202.	1.0	6
1570	Ischemic postconditioning ameliorates acute kidney injury induced by limb ischemia/reperfusion via transforming TLR4 and NF- κ B signaling in rats. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 416.	2.3	8
1571	The Link Between Ferroptosis and Cardiovascular Diseases: A Novel Target for Treatment. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 710963.	2.4	49
1572	Pannexin 1 as a driver of inflammation and ischemia-reperfusion injury. <i>Purinergic Signalling</i> , 2021, 17, 521-531.	2.2	22
1573	Network pharmacology-based prediction of the active compounds and mechanism of Buyang Huanwu Decoction for ischemic stroke. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1050.	1.8	23
1574	The bidirectional role of the JAK2/STAT3 signaling pathway and related mechanisms in cerebral ischemia-reperfusion injury. <i>Experimental Neurology</i> , 2021, 341, 113690.	4.1	41
1575	Hypoxia Tolerance Declines with Age in the Absence of Methionine Sulfoxide Reductase (MSR) in <i>Drosophila melanogaster</i> . <i>Antioxidants</i> , 2021, 10, 1135.	5.1	1
1576	CD73 Overexpression in Podocytes: A Novel Marker of Podocyte Injury in Human Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7642.	4.1	2
1577	Contemporary Trends and Risk Factors of Hemodynamic and Myocardial Mechanics Derived by the Pressure Recording Analytical Method After Pediatric Cardiopulmonary Bypass. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 687150.	2.4	5
1578	Proteomics in Liver Transplantation: A Systematic Review. <i>Frontiers in Immunology</i> , 2021, 12, 672829.	4.8	2
1579	Propofol Downregulates lncRNA MALAT1 to Alleviate Cerebral Ischemia-Reperfusion Injury. <i>Inflammation</i> , 2021, 44, 2580-2591.	3.8	7
1580	Solubilized ubiquinol for preserving corneal function. <i>Biomaterials</i> , 2021, 275, 120842.	11.4	13

#	ARTICLE	IF	CITATIONS
1581	The Effects of Ischemia During Rest Intervals on Bar Velocity in the Bench Press Exercise With Different External Loads. <i>Frontiers in Physiology</i> , 2021, 12, 715096.	2.8	5
1582	An evolutionary perspective on the interplays between hydrogen sulfide and oxygen in cellular functions. <i>Archives of Biochemistry and Biophysics</i> , 2021, 707, 108920.	3.0	10
1583	The Role of Immune-Related miRNAs in the Pathology of Kidney Transplantation. <i>Biomolecules</i> , 2021, 11, 1198.	4.0	7
1584	Mechanisms Underlying the Protective Effect of the Peroxiredoxin-6 Are Mediated via the Protection of Astrocytes during Ischemia/Reoxygenation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8805.	4.1	19
1585	Metabolomic Recovery as a Result of Ischemic Preconditioning Was More Pronounced in Hippocampus than in Cortex That Appeared More Sensitive to Metabolomic Blood Components. <i>Metabolites</i> , 2021, 11, 516.	2.9	5
1586	The roles of PKC- δ and PKC- μ in myocardial ischemia/reperfusion injury. <i>Pharmacological Research</i> , 2021, 170, 105716.	7.1	18
1587	Tofacitinib protects intestinal epithelial cells against oxygen-glucose deprivation/reoxygenation injury by inhibiting the JAK/STAT3 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1108.	1.8	3
1588	Beneficial postoperative micro-rheological effects of intraoperative administration of diclophenac or ischemic preconditioning in patients with lower extremity operations –Preliminary data. <i>Clinical Hemorheology and Microcirculation</i> , 2021, , 1-9.	1.7	2
1589	In vivo brain ischemia-reperfusion model induced by hypoxia-reoxygenation using zebrafish larvae. <i>Brain Research Bulletin</i> , 2021, 173, 45-52.	3.0	4
1590	Anti-hypertensive and cardioprotective activities of traditional Chinese medicine-derived polysaccharides: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 917-934.	7.5	26
1591	Ferroptosis: A Novel Therapeutic Target for Ischemia-Reperfusion Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 688605.	3.7	44
1592	Melatonin and Glycine Reduce Uterus Ischemia/Reperfusion Injury in a Rat Model of Warm Ischemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8373.	4.1	3
1593	Role of Irisin in Myocardial Infarction, Heart Failure, and Cardiac Hypertrophy. <i>Cells</i> , 2021, 10, 2103.	4.1	39
1594	The emerging role of mechanical and topographical factors in the development and treatment of nervous system disorders: dark and light sides of the force. <i>Pharmacological Reports</i> , 2021, 73, 1626-1641.	3.3	6
1595	The Therapeutic Effect and Mechanism of Qishen Yiqi Dripping Pills on Cardiovascular and Cerebrovascular Diseases and Diabetic Complications. <i>Current Molecular Pharmacology</i> , 2022, 15, 547-556.	1.5	4
1596	The effects of dexketoprofen on renal ischemia-reperfusion injury: an experimental study. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2021, , .	0.4	0
1597	CMPK2 accelerates liver ischemia/reperfusion injury via the NLRP3 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1358.	1.8	8
1598	Antithrombotic Effect of the Ethanol Extract of <i>Angelica gigas</i> Nakai (AGE 232). <i>Life</i> , 2021, 11, 939.	2.4	1

#	ARTICLE	IF	CITATIONS
1599	Integrated Analysis of Prognostic Genes Associated With Ischemiaâ€œReperfusion Injury in Renal Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 747020.	4.8	6
1600	The Effects of Intermittent Fasting on Brain and Cognitive Function. <i>Nutrients</i> , 2021, 13, 3166.	4.1	36
1601	The Dietary Supplement Î³-Oryzanol Attenuates Hepatic Ischemia Reperfusion Injury via Inhibiting Endoplasmic Reticulum Stress and HMGB1/NLRP3 Inflammasome. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	10
1602	Local and Systemic Inflammation and Oxidative Stress After a Single Bout of Maximal Walking in Patients With Symptomatic Peripheral Artery Disease. <i>Journal of Cardiovascular Nursing</i> , 2021, 36, 498-506.	1.1	3
1603	The effect of Guizhi decoction on inflammatory response induced by myocardial ischemia. <i>Food Science and Technology</i> , 0, 42, .	1.7	0
1604	Hypoxia-Conditioned Mesenchymal Stem Cells in Tissue Regeneration Application. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 966-977.	4.8	38
1605	Protocatechudehyde improves mitochondrial energy metabolism through the HIF1Î±/PDK1 signaling pathway to mitigate ischemic stroke-elicited internal capsule injury. <i>Journal of Ethnopharmacology</i> , 2021, 277, 114232.	4.1	7
1606	Hypoxia with inflammation and reperfusion alters membrane resistance by dynamically regulating voltage-gated potassium channels in hippocampal CA1 neurons. <i>Molecular Brain</i> , 2021, 14, 147.	2.6	5
1607	Dexmedetomidine inhibits endoplasmic reticulum stress to suppress pyroptosis of hypoxia/reoxygenation-induced intestinal epithelial cells via activating the SIRT1 expression. <i>Journal of Bioenergetics and Biomembranes</i> , 2021, 53, 655-664.	2.3	8
1608	Lymphocytes: Versatile Participants in Acute Kidney Injury and Progression to Chronic Kidney Disease. <i>Frontiers in Physiology</i> , 2021, 12, 729084.	2.8	15
1609	Neural stem cell therapy for brain disease. <i>World Journal of Stem Cells</i> , 2021, 13, 1278-1292.	2.8	19
1610	A Novel Plant-Produced Asialo-rhuEPO Protects Brain from Ischemic Damage Without Erythropoietic Action. <i>Translational Stroke Research</i> , 2022, 13, 338-354.	4.2	7
1611	Protective effects of 17Î²-oestradiol on coagulation and systemic inflammation after total occlusion of the descending aorta in male rats. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 666-674.	1.4	2
1612	Effect of Mannitol on Kidney Function After Kidney Transplantation: A Systematic Review and Meta-Analysis. <i>Transplantation Proceedings</i> , 2021, 53, 2122-2132.	0.6	4
1613	Exploring the systemic delivery of a poorly water-soluble model drug to the retina using PLGA nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105905.	4.0	1
1614	Neuroprotective effects of oleanolic acid against cerebral ischemia-reperfusion injury in mice. <i>Experimental Neurology</i> , 2021, 343, 113785.	4.1	22
1615	Mechanism of Radix Rhei Et Rhizome Intervention in Cerebral Infarction: A Research Based on Chemoinformatics and Systematic Pharmacology. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-21.	1.2	2
1616	Relaxin exerts a protective effect during ischemiaâ€œreperfusion in the rat model. <i>Andrology</i> , 2021, , .	3.5	7

#	ARTICLE	IF	CITATIONS
1617	Interferon- β -Induced Myeloid-Derived Suppressor Cells Aggravate Kidney Ischemia-Reperfusion Injury by Regulating Innate Immune Cells. <i>Nephron</i> , 2022, 146, 99-109.	1.8	2
1618	Integrated Stress Response Couples Mitochondrial Protein Translation With Oxidative Stress Control. <i>Circulation</i> , 2021, 144, 1500-1515.	1.6	39
1619	Ethyl pyruvate: A newly discovered compound against ischemia-reperfusion injury in multiple organs. <i>Pharmacological Research</i> , 2021, 171, 105757.	7.1	5
1620	A comparison of acute mouse hindlimb injuries between tourniquet- and femoral artery ligation-induced ischemia-reperfusion. <i>Injury</i> , 2021, 52, 3217-3226.	1.7	2
1621	Obstructive sleep apnea and cardiovascular comorbidity: common pathophysiological mechanisms to cardiovascular disease. <i>Rational Pharmacotherapy in Cardiology</i> , 2021, 17, 594-605.	0.8	2
1622	Tackling Ischemic Reperfusion Injury With the Aid of Stem Cells and Tissue Engineering. <i>Frontiers in Physiology</i> , 2021, 12, 705256.	2.8	16
1623	Protease-Activated Receptor-1 Antagonist Protects Against Lung Ischemia/Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2021, 12, 752507.	3.5	9
1624	miR-24 alleviates MI/RI by blocking the S100A8/TLR4/MyD88/NF- κ B pathway. <i>Journal of Cardiovascular Pharmacology</i> , 2021, Publish Ahead of Print, 847-857.	1.9	3
1625	Artemether confers neuroprotection on cerebral ischemic injury through stimulation of the Erk1/2-p90rsk-CREB signaling pathway. <i>Redox Biology</i> , 2021, 46, 102069.	9.0	13
1626	Combating Ischemia-Reperfusion Injury with Micronutrients and Natural Compounds during Solid Organ Transplantation: Data of Clinical Trials and Lessons of Preclinical Findings. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10675.	4.1	6
1627	Electrochemical sensors for oxidative stress monitoring. <i>Current Opinion in Electrochemistry</i> , 2021, 29, 100809.	4.8	7
1628	Longxuetongluo Capsule protects against cerebral ischemia/reperfusion injury through endoplasmic reticulum stress and MAPK-mediated mechanisms. <i>Journal of Advanced Research</i> , 2021, 33, 215-225.	9.5	49
1629	Mitochondrial dynamics and mitophagy in lung disorders. <i>Life Sciences</i> , 2021, 284, 119876.	4.3	46
1630	Ischaemia-free liver transplantation in humans: a first-in-human trial. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 16, 100260.	2.9	21
1631	Maintaining blood retinal barrier homeostasis to attenuate retinal ischemia-reperfusion injury by targeting the KEAP1/NRF2/ARE pathway with lycopene. <i>Cellular Signalling</i> , 2021, 88, 110153.	3.6	5
1632	Small molecules in regeneration. , 2022, , 451-464.		0
1633	Airways and Ventilation Management During CPR. , 2022, , 536-544.		0
1634	Reactive oxygen species-based nanomaterials for the treatment of myocardial ischemia reperfusion injuries. <i>Bioactive Materials</i> , 2022, 7, 47-72.	15.6	136

#	ARTICLE	IF	CITATIONS
1635	Association Study Between Genetic Variation in Whole Mitochondrial Genome and Ischemic Stroke. Journal of Molecular Neuroscience, 2021, 71, 2152-2162.	2.3	4
1636	Epigenetic mechanisms underlying the benefits of flavonoids in cardiovascular health and diseases: are long non-coding RNAs rising stars?. Critical Reviews in Food Science and Nutrition, 2022, 62, 3855-3872.	10.3	15
1637	Hypoxia-inducible factor 2-alpha-dependent induction of IL-6 protects the heart from ischemia/reperfusion injury. Aging, 2021, 13, 3443-3458.	3.1	10
1638	Label-free characterization of ischemic cerebral injury using intravital two-photon excitation fluorescence lifetime imaging microscopy. Journal Physics D: Applied Physics, 2021, 54, 114001.	2.8	3
1639	Citrus flavonoids and their antioxidant evaluation. Critical Reviews in Food Science and Nutrition, 2022, 62, 3833-3854.	10.3	71
1640	Novel biomarkers for post-contrast acute kidney injury identified from long non-coding RNA expression profiles. International Journal of Biological Sciences, 2021, 17, 882-896.	6.4	5
1641	Melatonin can be, more effective than N-acetylcysteine, protecting acute lung injury induced by intestinal ischemia-reperfusion in rat model. Clinics, 2021, 76, e2513.	1.5	0
1642	Cardiovascular responses to injury. , 2021, , 17-26.		0
1643	RNA interference in organ transplantation: next-generation medicine?. , 2021, , 189-212.		0
1644	Apelin-13 inhibits apoptosis and excessive autophagy in cerebral ischemia/reperfusion injury. Neural Regeneration Research, 2021, 16, 1044.	3.0	49
1645	Therapeutic strategies for ischemia reperfusion injury in emergency medicine. Acute Medicine & Surgery, 2020, 7, e501.	1.2	55
1646	A Mouse Model of Acute Liver Injury by Warm, Partial Ischemia-Reperfusion for Testing the Efficacy of Virus-Derived Therapeutics. Methods in Molecular Biology, 2021, 2225, 275-292.	0.9	1
1647	Impact of Heparanase on Organ Fibrosis. Advances in Experimental Medicine and Biology, 2020, 1221, 669-684.	1.6	10
1648	Thromboinflammation in Therapeutic Medicine. Advances in Experimental Medicine and Biology, 2015, 865, 3-17.	1.6	33
1649	Principles of Cryopreservation. , 2017, , 1-21.		5
1650	The Role of Innate Immunity in Ischemic Stroke. , 2016, , 649-660.		1
1651	Non-coding RNAs and Ischemic Cardiovascular Diseases. Advances in Experimental Medicine and Biology, 2020, 1229, 259-271.	1.6	6
1652	Methylene Blue Protects the Isolated Rat Lungs from Ischemiaâ€“Reperfusion Injury by Attenuating Mitochondrial Oxidative Damage. Lung, 2018, 196, 73-82.	3.3	12

#	ARTICLE	IF	CITATIONS
1653	The circular RNA TLK1 exacerbates myocardial ischemia/reperfusion injury via targeting miR-214/RIPK1 through TNF signaling pathway. <i>Free Radical Biology and Medicine</i> , 2020, 155, 69-80.	2.9	47
1654	NLRC3 alleviates hypoxia/reoxygenation induced inflammation in RAW264.7 cells by inhibiting K63-linked ubiquitination of TRAF6. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2020, 19, 455-460.	1.3	10
1655	Elucidating the molecular pathways and immune system transcriptome during ischemia-reperfusion injury in renal transplantation. <i>International Immunopharmacology</i> , 2020, 81, 106246.	3.8	18
1656	LncRNA Oprm1 overexpression attenuates myocardial ischemia/reperfusion injury by increasing endogenous hydrogen sulfide via Oprm1/miR-30b-5p/CSE axis. <i>Life Sciences</i> , 2020, 254, 117699.	4.3	15
1657	Pum2 mediates Sirt1 mRNA decay and exacerbates hypoxia/reoxygenation-induced cardiomyocyte apoptosis. <i>Experimental Cell Research</i> , 2020, 393, 112058.	2.6	9
1658	Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Mitochondrial Damage and Inflammation by Stabilizing Mitochondrial DNA. <i>ACS Nano</i> , 2021, 15, 1519-1538.	14.6	134
1659	UPLC-Q-TOF/MS-Based Serum Metabolomics Reveals the Anti-Ischemic Stroke Mechanism of Nuciferine in MCAO Rats. <i>ACS Omega</i> , 2020, 5, 33433-33444.	3.5	30
1660	HO-1-derived CO Is a Regulator of Vascular Function and Metabolic Syndrome. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2018, , 59-100.	0.8	1
1661	DUSP12 protects against hepatic ischemia-reperfusion injury dependent on ASK1-JNK/p38 pathway <i>in vitro</i> and <i>in vivo</i> . <i>Clinical Science</i> , 2020, 134, 2279-2294.	4.3	13
1662	Diabetic cardiomyopathy attenuated the protective effect of ischaemic post-conditioning against ischaemia-reperfusion injury in the isolated rat heart model. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 711-722.	2.1	7
1663	Challenges in the Anesthetic and Intensive Care Management of Acute Ischemic Stroke. <i>Journal of Neurosurgical Anesthesiology</i> , 2016, 28, 214-232.	1.2	12
1664	Long Noncoding RNA Taurine-Upregulated Gene 1 Knockdown Protects Cardiomyocytes Against Hypoxia/Reoxygenation-induced Injury Through Regulating miR-532-5p/Sox8 Axis. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 556-563.	1.9	10
1665	Autoantibodies and Donor-specific Antibodies are Associated With Graft Dysfunction in Pediatric Liver Transplantation. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 661-666.	1.8	3
1666	Macrophage Efferocytosis in Cardiac Pathophysiology and Repair. <i>Shock</i> , 2021, 55, 177-188.	2.1	17
1669	An Integrated Design for Classification and Localization of Diabetic Foot Ulcer Based on CNN and YOLOv2-DFU Models. <i>IEEE Access</i> , 2020, 8, 228586-228597.	4.2	27
1670	Relevance of KDPI value and acute rejection on kidney transplant outcomes in recipients with delayed graft function – a retrospective study. <i>Transplant International</i> , 2020, 33, 1071-1077.	1.6	5
1671	Histone Deacetylase Inhibitors: A Novel Strategy for Neuroprotection and Cardioprotection Following Ischemia/Reperfusion Injury. <i>Journal of the American Heart Association</i> , 2020, 9, e016349.	3.7	18
1672	Protective and detrimental effects of neuroectodermal cell-derived tissue factor in mouse models of stroke. <i>JCI Insight</i> , 2016, 1, .	5.0	6

#	ARTICLE	IF	CITATIONS
1673	Allograft dendritic cell p40 homodimers activate donor-reactive memory CD8+ T cells. JCI Insight, 2018, 3, .	5.0	9
1674	MicroRNA-668 represses MTP18 to preserve mitochondrial dynamics in ischemic acute kidney injury. Journal of Clinical Investigation, 2018, 128, 5448-5464.	8.2	85
1676	The multifaceted role of ischemia/reperfusion in sickle cell anemia. Journal of Clinical Investigation, 2020, 130, 1062-1072.	8.2	48
1677	Local microvascular leakage promotes trafficking of activated neutrophils to remote organs. Journal of Clinical Investigation, 2020, 130, 2301-2318.	8.2	48
1678	Dendritic cells tolerized with adenosine A2AR agonist attenuate acute kidney injury. Journal of Clinical Investigation, 2012, 122, 3931-3942.	8.2	138
1679	Gl α 12 ablation exacerbates liver steatosis and obesity by suppressing USP22/SIRT1-regulated mitochondrial respiration. Journal of Clinical Investigation, 2018, 128, 5587-5602.	8.2	41
1680	Mechanisms of pain in sickle cell disease. British Journal of Pain, 2021, 15, 213-220.	1.5	17
1681	Emerging 'A' therapies in hemoglobinopathies: agonists, antagonists, antioxidants, and arginine. Hematology American Society of Hematology Education Program, 2012, 2012, 271-5.	2.5	14
1682	Emerging "A" therapies in hemoglobinopathies: agonists, antagonists, antioxidants, and arginine. Hematology American Society of Hematology Education Program, 2012, 2012, 271-275.	2.5	23
1683	Neuroprotective effects of ammonium tetrathiomolybdate, a slow-release sulfide donor, in a rodent model of regional stroke. Intensive Care Medicine Experimental, 2020, 8, 13.	1.9	8
1684	Attenuation of Myocardial Ischemia-Reperfusion Injury by Probiotic Bacteria. , 2013, , 61-74.		1
1685	Granulocyte-Colony Stimulating Factor (G-CSF) Accelerates Wound Healing in Hemorrhagic Shock Rats by Enhancing Angiogenesis and Attenuating Apoptosis. Medical Science Monitor, 2017, 23, 2644-2653.	1.1	30
1686	Sufentanil Preconditioning Protects Against Hepatic Ischemia-Reperfusion Injury by Suppressing Inflammation. Medical Science Monitor, 2019, 25, 2265-2273.	1.1	20
1687	GTS-21 Promotes α 7 nAChR to Alleviate Intestinal Ischemia-Reperfusion-Induced Apoptosis and Inflammation of Enterocytes. Medical Science Monitor, 2020, 26, e921618.	1.1	7
1688	Reduced Expression of Inflammatory Genes in Deceased Donor Kidneys Undergoing Pulsatile Pump Preservation. PLoS ONE, 2012, 7, e35526.	2.5	6
1689	Soluble TNF Receptors Are Associated with Infarct Size and Ventricular Dysfunction in ST-Elevation Myocardial Infarction. PLoS ONE, 2013, 8, e55477.	2.5	52
1690	The Alarmin Concept Applied to Human Renal Transplantation: Evidence for a Differential Implication of HMGB1 and IL-33. PLoS ONE, 2014, 9, e88742.	2.5	43
1691	Maximum Efficacy of Mesenchymal Stem Cells in Rat Model of Renal Ischemia-Reperfusion Injury: Renal Artery Administration with Optimal Numbers. PLoS ONE, 2014, 9, e92347.	2.5	34

#	ARTICLE	IF	CITATIONS
1692	The Role of Indoleamine 2,3 Dioxygenase in Beneficial Effects of Stem Cells in Hind Limb Ischemia Reperfusion Injury. PLoS ONE, 2014, 9, e95720.	2.5	8
1693	Preoperative Fasting Protects against Renal Ischemia-Reperfusion Injury in Aged and Overweight Mice. PLoS ONE, 2014, 9, e100853.	2.5	26
1694	Exendin-4 Reduces Ischemic Brain Injury in Normal and Aged Type 2 Diabetic Mice and Promotes Microglial M2 Polarization. PLoS ONE, 2014, 9, e103114.	2.5	80
1695	Ultrasound-Enhanced Protective Effect of Tetramethylpyrazine against Cerebral Ischemia/Reperfusion Injury. PLoS ONE, 2014, 9, e113673.	2.5	31
1696	Acute Liver Injury Is Independent of B Cells or Immunoglobulin M. PLoS ONE, 2015, 10, e0138688.	2.5	8
1697	Substantial Increases Occur in Serum Activins and Follistatin during Lung Transplantation. PLoS ONE, 2016, 11, e0140948.	2.5	5
1698	Mitochondrial Protein PGAM5 Regulates Mitophagic Protection against Cell Necroptosis. PLoS ONE, 2016, 11, e0147792.	2.5	102
1699	Urinary Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Patients with Obstructive Sleep Apnea. PLoS ONE, 2016, 11, e0154503.	2.5	4
1700	Alkaline Phosphatase, Soluble Extracellular Adenine Nucleotides, and Adenosine Production after Infant Cardiopulmonary Bypass. PLoS ONE, 2016, 11, e0158981.	2.5	18
1701	Heparanase: A Potential New Factor Involved in the Renal Epithelial Mesenchymal Transition (EMT) Induced by Ischemia/Reperfusion (I/R) Injury. PLoS ONE, 2016, 11, e0160074.	2.5	47
1702	Farnesoid X Receptor Activation Attenuates Intestinal Ischemia Reperfusion Injury in Rats. PLoS ONE, 2017, 12, e0169331.	2.5	46
1703	Myocardial ischemia-reperfusion enhances transcriptional expression of endothelin-1 and vasoconstrictor ETB receptors via the protein kinase MEK-ERK1/2 signaling pathway in rat. PLoS ONE, 2017, 12, e0174119.	2.5	26
1704	Complement inhibition attenuates acute kidney injury after ischemia-reperfusion and limits progression to renal fibrosis in mice. PLoS ONE, 2017, 12, e0183701.	2.5	39
1705	Intense light as anticoagulant therapy in humans. PLoS ONE, 2020, 15, e0244792.	2.5	4
1706	Attenuation of Postischemic Genomic Alteration by Mesenchymal Stem Cells: a Microarray Study. Molecules and Cells, 2016, 39, 337-344.	2.6	5
1707	Effect of short-term ischemia on microcirculation and wound healing of adipocutaneous flaps in the rat. Acta Cirurgica Brasileira, 2019, 34, e201901203.	0.7	2
1708	Local inflammation as a component of emergency spontaneous labor. Russian Bulletin of Obstetrician-Gynecologist, 2018, 18, 13.	0.3	3
1709	Lipocalin-2 in Stroke. Neuro - Open Journal, 2015, 2, 38-41.	0.1	7

#	ARTICLE	IF	CITATIONS
1710	Thioredoxin protects mitochondrial structure, function and biogenesis in myocardial ischemia-reperfusion via redox-dependent activation of AKT-CREB- PGC1α pathway in aged mice. Aging, 2020, 12, 19809-19827.	3.1	19
1711	Myoblast transplantation improves cardiac function after myocardial infarction through attenuating inflammatory responses. Oncotarget, 2017, 8, 68780-68794.	1.8	10
1712	Drag reducing polymers decrease hepatic injury and metastases after liver ischemia-reperfusion. Oncotarget, 2017, 8, 59854-59866.	1.8	9
1713	Neuroprotective effects of allicin on ischemia-reperfusion brain injury. Oncotarget, 2017, 8, 104492-104507.	1.8	30
1714	Ischemia-reperfusion injury: evidences for translational research. Annals of Translational Medicine, 2016, 4, S55-S55.	1.7	11
1715	Defensin-chemokine heteromeric complexes derived from heterocellular activationâ€™a possible target to inhibit CCL5 in cardiovascular settings. Annals of Translational Medicine, 2016, 4, 497-497.	1.7	1
1716	Protective Effects of Adrenomedullin on Rat Cerebral Tissue After Transient Bilateral Common Carotid Artery Occlusion and Reperfusion. Brazilian Journal of Cardiovascular Surgery, 2020, 35, 314-322.	0.6	5
1717	Mechanisms of Neurovascular Dysfunction in Acute Ischemic Brain. Current Medicinal Chemistry, 2014, 21, 2035-2042.	2.4	72
1718	Anesthetic Cardioprotection: The Role of Adenosine. Current Pharmaceutical Design, 2014, 20, 5690-5695.	1.9	13
1719	MiR-485-5p Promotes Neuron Survival through Mediating Rac1/Notch2 Signaling Pathway after Cerebral Ischemia/Reperfusion. Current Neurovascular Research, 2020, 17, 259-266.	1.1	13
1720	Causes and Consequences of MicroRNA Dysregulation Following Cerebral Ischemia-Reperfusion Injury. CNS and Neurological Disorders - Drug Targets, 2019, 18, 212-221.	1.4	17
1721	The Protective Effect of NecroX-5 on Flap Survival and Ischemic Reperfusion Injury Inflammation in Rat Model. Journal of Wound Management and Research, 2018, 14, 7-11.	0.3	1
1722	The pathological role of ferroptosis in ischemia/reperfusion-related injury. Zoological Research, 2020, 41, 220-230.	2.1	138
1723	Effects of Ischemic Preconditioning as a Warm-Up on Leg Press and Bench Press Performance. Journal of Human Kinetics, 2020, 75, 267-277.	1.5	13
1724	Risk Assessment and Anesthesia Classification in Breast Cancer Surgery. Archives of Breast Cancer, 0, , 168-172.	0.5	1
1725	Restoring Mitochondrial Function While Avoiding Redox Stress: The Key to Preventing Ischemia/Reperfusion Injury in Machine Perfused Liver Grafts?. International Journal of Molecular Sciences, 2020, 21, 3132.	4.1	36
1726	Rationale for the potential use of mesenchymal stromal cells in liver transplantation. World Journal of Gastroenterology, 2014, 20, 16418.	3.3	19
1727	Ubiquitin-specific protease 22 enhances intestinal cell proliferation and tissue regeneration after intestinal ischemia reperfusion injury. World Journal of Gastroenterology, 2019, 25, 824-836.	3.3	21

#	ARTICLE	IF	CITATIONS
1728	Homocysteine induces mitochondrial dysfunction and oxidative stress in myocardial ischemia/reperfusion injury through stimulating ROS production and the ERK1/2 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 938-944.	1.8	23
1729	Effect and mechanism of asiatic acid on autophagy in myocardial ischemia/reperfusion injury in vivo and in vitro. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	1.8	14
1730	Rosiglitazone attenuates cell apoptosis through antioxidative and anti-apoptotic pathways in the hippocampi of spontaneously hypertensive rats. <i>International Journal of Molecular Medicine</i> , 2019, 43, 693-700.	4.0	10
1731	Ligustrazine ameliorates acute kidney injury through downregulation of NOD2-mediated inflammation. <i>International Journal of Molecular Medicine</i> , 2020, 45, 731-742.	4.0	11
1732	Long non-coding RNA GAS5 regulates myocardial ischemia/reperfusion injury through the PI3K/AKT apoptosis pathway by sponging miR-532-5p. <i>International Journal of Molecular Medicine</i> , 2020, 45, 858-872.	4.0	27
1733	Mitochondria as a therapeutic target for cardiac ischemia/reperfusion injury (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 485-499.	4.0	68
1734	miR-155 inhibition represents a potential valuable regulator in mitigating myocardial hypoxia/reoxygenation injury through targeting BAG5 and MAPK/JNK signaling. <i>Molecular Medicine Reports</i> , 2020, 21, 1011-1020.	2.4	14
1735	MicroRNA-93 promotes angiogenesis and attenuates remodeling via inactivation of the Hippo/Yap pathway by targeting Lats2 after myocardial infarction. <i>Molecular Medicine Reports</i> , 2020, 22, 483-493.	2.4	9
1736	RP105 plays a cardioprotective role in myocardial ischemia reperfusion injury by regulating the Toll-like receptor 2/4 signaling pathways. <i>Molecular Medicine Reports</i> , 2020, 22, 1373-1381.	2.4	8
1737	Dexmedetomidine alleviates blunt chest trauma and hemorrhagic shock-resuscitation-induced acute lung injury through inhibiting the NLRP3 inflammasome. <i>Molecular Medicine Reports</i> , 2020, 22, 2507-2515.	2.4	5
1738	Associations between Huwe1 and autophagy in rat cerebral neuron oxygen-glucose deprivation and reperfusion injury. <i>Molecular Medicine Reports</i> , 2020, 22, 5083-5094.	2.4	6
1739	5-hydroxymethyl-2-furfural prolongs survival and inhibits oxidative stress in a mouse model of forebrain ischemia. <i>Neural Regeneration Research</i> , 2012, 7, 1722-8.	3.0	11
1740	Extracellular miR-146a-5p Induces Cardiac Innate Immune Response and Cardiomyocyte Dysfunction. <i>ImmunoHorizons</i> , 2020, 4, 561-572.	1.8	25
1741	Cerebral ischemia and neuroregeneration. <i>Neural Regeneration Research</i> , 2018, 13, 373.	3.0	129
1742	Electroacupuncture exerts neuroprotective effects on ischemia/reperfusion injury in JNK knockout mice: the underlying mechanism. <i>Neural Regeneration Research</i> , 2018, 13, 1594.	3.0	10
1743	ESE1 expression correlates with neuronal apoptosis in the hippocampus after cerebral ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , 2019, 14, 841.	3.0	8
1744	Silencing Huwe1 reduces apoptosis of cortical neurons exposed to oxygen-glucose deprivation and reperfusion. <i>Neural Regeneration Research</i> , 2019, 14, 1977.	3.0	11
1745	Selective brain hypothermia-induced neuroprotection against focal cerebral ischemia/reperfusion injury is associated with Fis1 inhibition. <i>Neural Regeneration Research</i> , 2020, 15, 903.	3.0	12

#	ARTICLE	IF	CITATIONS
1746	The Akt/glycogen synthase kinase-3 β pathway participates in the neuroprotective effect of interleukin-4 against cerebral ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , 2020, 15, 1716.	3.0	8
1747	Multiphase adjuvant neuroprotection: A novel paradigm for improving acute ischemic stroke outcomes. <i>Brain Circulation</i> , 2020, 6, 11.	1.8	43
1748	Reperfusion injury in the age of revascularization. <i>Brain Circulation</i> , 2018, 4, 40.	1.8	3
1749	Multiple Effects of Molecular Hydrogen and its Distinct Mechanism. <i>Journal of Neurological Disorders</i> , 2014, 02, .	0.1	3
1750	Nephroprotective effect of methanol extract of <i>Moringa oleifera</i> leaves on acute kidney injury induced by ischemia-reperfusion in rats. <i>African Health Sciences</i> , 2020, 20, 1382-1396.	0.7	13
1751	Concepts of hypoxic NO signaling in remote ischemic preconditioning. <i>World Journal of Cardiology</i> , 2015, 7, 645.	1.5	16
1752	Possible Activation of the Immune System by Chronic Peripheral Nesfatin-1 Application at the Acute Phase of Ischemia/Reperfusion Injury. <i>Erciyes Medical Journal</i> , 2015, 37, 143-147.	0.0	1
1753	Immunomodulatory effects of dexmedetomidine: From bench to clinic. <i>World Journal of Anesthesiology</i> , 2014, 3, 137.	0.5	1
1754	Machine perfusion of the liver: Which is the best technique to mitigate ischaemia-reperfusion injury?. <i>World Journal of Transplantation</i> , 2019, 9, 14-20.	1.6	35
1755	Protective Effect of Grape Seed Proanthocyanidins against Liver Ischemic Reperfusion Injury: Particularly in Diet-Induced Obese Mice. <i>International Journal of Biological Sciences</i> , 2012, 8, 1345-1362.	6.4	19
1756	Kidney ischaemia reperfusion injury in the rat: the EGTI scoring system as a valid and reliable tool for histological assessment. <i>Journal of Histology and Histopathology</i> , 2016, 3, 1.	0.4	63
1757	Recombinant human secretory leukocyte protease inhibitor ameliorated vessel preservation in experimentally isolated rat arteries. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	1.0	3
1758	Successful Application of Alpha Lipoic Acid Niosomal Formulation in Cerebral Ischemic Reperfusion Injury in Rat Model. <i>Advanced Pharmaceutical Bulletin</i> , 2022, 12, 541-549.	1.4	6
1759	MiR-7a-5p Attenuates Hypoxia/Reoxygenation-Induced Cardiomyocyte Apoptosis by Targeting VDAC1. <i>Cardiovascular Toxicology</i> , 2022, 22, 108-117.	2.7	2
1760	Ischemic Microenvironment-Responsive Therapeutics for Cardiovascular Diseases. <i>Advanced Materials</i> , 2021, 33, e2105348.	21.0	20
1761	Differential expression and hypoxia-mediated regulation of the β -myc downstream regulated gene family. <i>FASEB Journal</i> , 2021, 35, e21961.	0.5	7
1762	Ferroptosis: Opportunities and Challenges in Myocardial Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	38
1763	Iguratimod Alleviates Myocardial Ischemia/Reperfusion Injury Through Inhibiting Inflammatory Response Induced by Cardiac Fibroblast Pyroptosis via COX2/NLRP3 Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 746317.	3.7	11

#	ARTICLE	IF	CITATIONS
1764	CD300a blockade enhances efferocytosis by infiltrating myeloid cells and ameliorates neuronal deficit after ischemic stroke. <i>Science Immunology</i> , 2021, 6, eabe7915.	11.9	15
1765	Microenergy acoustic pulses promotes muscle regeneration through in situ activation of muscle stem cells. <i>Journal of Orthopaedic Research</i> , 2021, , .	2.3	1
1766	Stamp2 Protects From Maladaptive Structural Remodeling and Systolic Dysfunction in Post-Ischemic Hearts by Attenuating Neutrophil Activation. <i>Frontiers in Immunology</i> , 2021, 12, 701721.	4.8	0
1767	Current status of ischemic stroke treatment: From thrombolysis to potential regenerative medicine. <i>Regenerative Therapy</i> , 2021, 18, 408-417.	3.0	19
1768	Inflammation and Vasomotricity During Reperfusion. , 0, , .		0
1769	Genetic and Epigenetic Basis of Myocardial Ischemia and Reperfusion Injury. , 2013, , 35-60.		0
1770	Shock and Coagulopathy. , 2014, , 259-296.		0
1771	Effect of Methanol Extract from <i>Cassia mimosoides</i> var. <i>nomame</i> on Ischemia/Reperfusion-induced Renal Injury in Rats. <i>The Korea Journal of Herbology</i> , 2013, 28, 135-143.	0.2	1
1772	The Management of Pain from Sickle Cell Disease. , 2014, , 997-1002.e2.		1
1773	Novel Therapeutic for Systemic Inflammation: Role of MFG-E8. , 2014, , 119-136.		0
1774	Pentraxin 3 as Biomarker. , 2014, , 1-20.		0
1775	Acute Allograft Injury After Kidney Transplantation. , 2015, , 185-195.		0
1776	Allograft Inflammatory Factor-1 Induction during Ischemia Reperfusion Injury: A Rat Model of LAD Occlusion. <i>International Journal of Clinical Cardiology</i> , 2014, 1, .	0.1	0
1777	Ischemiaâ€“Reperfusion Injury in Reconstructive Transplantation: An Undefined Conundrum. <i>Pancreatic Islet Biology</i> , 2015, , 377-397.	0.3	0
1778	Pentraxin 3 as Biomarker. <i>Biomarkers in Disease</i> , 2015, , 267-290.	0.1	0
1779	MicroRNAs in Kidney Diseases. , 2015, , 1-32.		0
1781	Antioxidant effects of silymarin on ischaemia-reperfusion injuries of the rabbit retina. <i>Bulgarian Journal of Veterinary Medicine</i> , 2016, 19, 290-298.	0.3	1
1782	Ex Vivo Organ Repair (Drug and Gene Delivery). , 2017, , 235-259.		0

#	ARTICLE	IF	CITATIONS
1783	Cell Death and Skin Disease. , 2017, , 201-217.		0
1784	Synergistic Effect of Ischemic Preconditioning and Antithrombin in Ischemia-Reperfusion Injury. Experimental and Clinical Transplantation, 2017, 15, 320-328.	0.5	3
1785	B��brek ��skemi-Reper��zyon Hasar�� ��zerine Bir Derleme. Osmangaz�� Journal of Medicine, 2017, 39, 115-124.		1
1786	Cerebral Vascular Injury in Diabetic Ischemia and Reperfusion. Springer Series in Translational Stroke Research, 2018, , 163-169.	0.1	0
1787	Pathology of Intestinal Transplantation. , 2018, , 1-24.		0
1789	Enhancing in vivo renal ischemia assessment by high-dynamic-range fluorescence molecular imaging. Journal of Biomedical Optics, 2018, 23, 1.	2.6	0
1790	Diagnostic possibilities of using micro-RNA for kidney transplantation. Vestnik Transplantologii I Iskusstvennykh Organov, 2018, 20, 87-94.	0.4	1
1791	Animal Experiments in Forensic Science. Current Human Cell Research and Applications, 2019, , 123-146.	0.1	0
1793	Acute Renal Failure in Kidney Transplant Recipients. , 2019, , 271-275.e3.		0
1794	Pathology of Intestinal Transplantation. Organ and Tissue Transplantation, 2019, , 319-342.	0.0	0
1795	Heterotopic Xenotransplantation of Newborn Piglet Aortic Fragments After Hypothermal Incubation in Preservation Solutions. Problems of Cryobiology and Cryomedicine, 2019, 29, 073-087.	0.3	0
1796	Effects of liver ischemia-reperfusion injury on respiratory mechanics and driving pressure during orthotopic liver transplantation. Minerva Anestesiologica, 2019, 85, 494-504.	1.0	2
1798	A novel small molecule compound VCP979 improves ventricular remodeling in murine models of myocardial ischemia/reperfusion injury. International Journal of Molecular Medicine, 2020, 45, 353-364.	4.0	6
1799	Partial REBOA. Hot Topics in Acute Care Surgery and Trauma, 2020, , 97-109.	0.1	0
1800	Beneficial effects of early administration of recombinant human B-type natriuretic peptide in ST-elevation myocardial infarction patients receiving percutaneous coronary intervention treatment. Singapore Medical Journal, 2019, 60, 621-625.	0.6	2
1802	Determinaci��n de la actividad t��xica de extractos optimizados de Palmaria y Porphyra para el tratamiento de la lesi��n por isquemia/reperfusi��n. Nereis, 2020, , 109-125.	0.1	0
1803	Appropriate timing for hypothermic machine perfusion to preserve livers donated after circulatory death. Molecular Medicine Reports, 2020, 22, 2003-2011.	2.4	7
1804	Cardiac MRI Assessment of Mouse Myocardial Infarction and Regeneration. Methods in Molecular Biology, 2021, 2158, 81-106.	0.9	2

#	ARTICLE	IF	CITATIONS
1805	Targeting Ferroptosis: Pathological Mechanism and Treatment of Ischemia-Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	4.0	74
1807	Irisin: A Promising Target for Ischemia-Reperfusion Injury Therapy. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-16.	4.0	7
1809	Dexmedetomidine Attenuates Hypoxia/Reoxygenation Injury of H9C2 Myocardial Cells by Upregulating miR-146a Expression via the MAPK Signal Pathway. Pharmacology, 2022, 107, 14-27.	2.2	5
1810	Injectable Nanocomposite Implants Reduce ROS Accumulation and Improve Heart Function after Infarction. Advanced Science, 2021, 8, e2102919.	11.2	30
1811	The Role of Immune Cell Types in Ischemic Heart Disease Progression: A Systematic Review. , 2021, 5, 1-9.		0
1812	Non-invasive quantification of the mitochondrial redox state in livers during machine perfusion. PLoS ONE, 2021, 16, e0258833.	2.5	2
1813	Astragalin Protects against Spinal Cord Ischemia Reperfusion Injury through Attenuating Oxidative Stress-Induced Necroptosis. BioMed Research International, 2021, 2021, 1-8.	1.9	9
1815	MFG-E8-derived peptide attenuates inflammation and injury after renal ischemia-reperfusion in mice. Heliyon, 2020, 6, e05794.	3.2	3
1816	Effects of butein on renal ischemia/reperfusion injury: An experimental study. Archivio Italiano Di Urologia Andrologia, 2020, 92, .	0.8	0
1817	The Value of Extracellular Cold-Inducible RNA-Binding Protein (eCIRP) in Predicting the Severity and Prognosis of Patients After Cardiac Arrest: A Preliminary Observational Study. Shock, 2021, 56, 229-236.	2.1	4
1818	Pretreatment with dexmedetomidine alleviates lung injury in a rat model of intestinal ischemia reperfusion. Molecular Medicine Reports, 2020, 21, 1233-1241.	2.4	11
1820	Research Progress on Effects of MicroRNA in Cerebral Ischemia/Reperfusion Injury. Advances in Clinical Medicine, 2020, 10, 2978-2985.	0.0	0
1821	Specific microRNAs are involved in the protective effects of sevoflurane preconditioning and ischemic preconditioning against ischemia reperfusion injury in rats. International Journal of Molecular Medicine, 2020, 45, 1141-1149.	4.0	9
1822	Transplant and Kidney Repair. , 2020, , 101-117.		0
1823	Nanomedicine for Ischemic Diseases: Recent Development and Future Challenges. Nanotechnology in the Life Sciences, 2020, , 333-373.	0.6	0
1824	Protective mechanisms of piperine against renal ischemia-reperfusion injury in rats. Pharmacognosy Magazine, 2020, 16, 425.	0.6	0
1825	Acute ischemic stroke biomarkers: a new era with diagnostic promise?. Acute Medicine & Surgery, 2021, 8, e696.	1.2	12

#	ARTICLE	IF	CITATIONS
1826	Inhibition of Frizzled-2 by small interfering RNA protects rat hepatic BRL-3A cells against cytotoxicity and apoptosis induced by Hypoxia/Reoxygenation. <i>Gastroenterology</i> , 2020, 43, 107-116.	0.5	6
1828	Early Hypertransaminasemia after Kidney Transplantation: Significance and Evolution According to Donor Type. <i>Journal of Clinical Medicine</i> , 2021, 10, 5168.	2.4	1
1829	Zuogui Pill Attenuates Neuroinflammation and Improves Cognitive Function in Cerebral Ischemia Reperfusion-Injured Rats. <i>NeuroImmunoModulation</i> , 2021, , 1-8.	1.8	5
1830	Stress-induced phosphoprotein 1 restrains spinal cord ischaemia-reperfusion injury by modulating NF- κ B signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 11075-11084.	3.6	4
1831	The integrated stress response in ischemic diseases. <i>Cell Death and Differentiation</i> , 2022, 29, 750-757.	11.2	23
1832	Cardiomyocytes Cellular Phenotypes After Myocardial Infarction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 750510.	2.4	35
1833	Electroacupuncture Preconditioning Reduces Oxidative Stress in the Acute Phase of Cerebral Ischemia-Reperfusion in Rats by Regulating Iron Metabolism Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	1.2	8
1834	Senolytic Therapy for Cerebral Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11967.	4.1	26
1835	Saikosaponin A attenuates neural injury caused by ischemia/reperfusion. <i>Translational Neuroscience</i> , 2020, 11, 227-235.	1.4	7
1836	Nitrate-induced paradoxical ischemia predicts adverse outcomes in elderly patients with healed myocardial infarcts. <i>Experimental and Clinical Cardiology</i> , 2013, 18, e82-7.	1.3	0
1837	Ischemic postconditioning decreases matrix metalloproteinase-2 expression during ischemia-reperfusion of myocardium in a rabbit model: A preliminary report. <i>Experimental and Clinical Cardiology</i> , 2013, 18, e99-e101.	1.3	2
1838	Intracranial transplantation of human adipose-derived stem cells promotes the expression of neurotrophic factors and nerve repair in rats of cerebral ischemia-reperfusion injury. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 174-83.	0.5	25
1841	Dynamic metabolites profile of cerebral ischemia/reperfusion revealed by (1)H NMR-based metabolomics contributes to potential biomarkers. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 4067-75.	0.5	17
1842	Effects of ischemic preconditioning on the systemic and renal hemodynamic changes in renal ischemia reperfusion injury. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 1128-40.	0.5	5
1843	Cardiac myocyte-protective effect of microRNA-22 during ischemia and reperfusion through disrupting the caveolin-3/eNOS signaling. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 4614-26.	0.5	22
1844	Novel therapeutic and diagnostic management of heart transplant patients. <i>Heart, Lung and Vessels</i> , 2015, 7, 198-207.	0.4	1
1845	Effect of dexmedetomidine on myocardial ischemia-reperfusion injury. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 21166-72.	1.3	26
1846	Abate Cytochrome C induced apoptosome to protect donor liver against ischemia reperfusion injury on rat liver transplantation model. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 1738-47.	0.0	10

#	ARTICLE	IF	CITATIONS
1847	Sesamin protects against renal ischemia reperfusion injury by promoting CD39-adenosine-A2AR signal pathway in mice. American Journal of Translational Research (discontinued), 2016, 8, 2245-54.	0.0	9
1848	Difference in transient ischemia-induced neuronal damage and glucose transporter-1 immunoreactivity in the hippocampus between adult and young gerbils. Iranian Journal of Basic Medical Sciences, 2016, 19, 521-8.	1.0	1
1849	Time course of neuroprotection induced by normobaric hyperoxia preconditioning and angiogenesis factors. Iranian Journal of Basic Medical Sciences, 2017, 20, 67-74.	1.0	1
1850	No indications for platelet activation in acute clinical myocardial or renal ischemia/reperfusion injury. American Journal of Translational Research (discontinued), 2018, 10, 816-826.	0.0	0
1851	Celastrol aggravates LPS-induced inflammation and injuries of liver and kidney in mice. American Journal of Translational Research (discontinued), 2018, 10, 2078-2086.	0.0	16
1852	Spatial Memory Disturbance Following Transient Brain Ischemia is Associated with Vascular Remodeling in Hippocampus. Kobe Journal of Medical Sciences, 2018, 64, E93-E106.	0.2	3
1853	MiR-21b-3p protects NS20Y cells against oxygen-glucose deprivation/reperfusion-induced injury by down-regulating cyclooxygenase-2. American Journal of Translational Research (discontinued), 2019, 11, 3007-3017.	0.0	3
1854	The protective effect of bone marrow-derived mesenchymal stem cells in liver ischemia/reperfusion injury via down-regulation of miR-370. Iranian Journal of Basic Medical Sciences, 2019, 22, 683-689.	1.0	6
1856	Early administration of cold water and adipose derived mesenchymal stem cell derived exosome effectively protects the heart from ischemia-reperfusion injury. American Journal of Translational Research (discontinued), 2019, 11, 5375-5389.	0.0	9
1858	Investigating the role of acute and repeated stress on remote ischemic preconditioning-induced cardioprotection. Iranian Journal of Basic Medical Sciences, 2020, 23, 111-116.	1.0	0
1859	Vitamin D Ameliorates Kidney Ischemia Reperfusion Injury via Reduction of Inflammation and Myofibroblast Expansion. Kobe Journal of Medical Sciences, 2020, 65, E138-E143.	0.2	3
1860	Cardioprotective Roles of Endothelial Progenitor Cell-Derived Exosomes. Frontiers in Cardiovascular Medicine, 2021, 8, 717536.	2.4	6
1861	Protective effect of Isoliquiritigenin on skin ischemia-reperfusion injury in rats. Israel Journal of Plant Sciences, 2021, 68, 90-98.	0.5	1
1862	Cardioprotective Roles of Endothelial Progenitor Cell-Derived Exosomes. Frontiers in Cardiovascular Medicine, 2021, 8, 717536.	2.4	19
1863	Baoyuan decoction alleviates myocardial infarction through the regulation of metabolic dysfunction and the mitochondria-dependent caspase-9/3 pathway. , 2021, 1, 49-58.		10
1864	Propofol postconditioning ameliorates hypoxia/reoxygenation induced H9c2 cell apoptosis and autophagy via upregulating forkhead transcription factors under hyperglycemia. Military Medical Research, 2021, 8, 58.	3.4	8
1865	Sirtuins at the Service of Healthy Longevity. Frontiers in Physiology, 2021, 12, 724506.	2.8	28
1866	Curcumin Protects against Renal Ischemia/Reperfusion Injury by Regulating Oxidative Stress and Inflammatory Response. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-8.	1.2	12

#	ARTICLE	IF	CITATIONS
1867	Ischemia/Reperfusion Injury of Fatty Liver Is Protected by A2AR and Exacerbated by A1R Stimulation through Opposite Effects on ASK1 Activation. <i>Cells</i> , 2021, 10, 3171.	4.1	8
1868	Up-regulation of VSIG4 alleviates kidney transplantation-associated acute kidney injury through suppressing inflammation and ROS via regulation of AKT signaling. <i>Free Radical Biology and Medicine</i> , 2021, , .	2.9	3
1869	Beneficial effects of end-ischemic oxygenated machine perfusion preservation for split-liver transplantation in recovering graft function and reducing ischemiaâ€reperfusion injury. <i>Scientific Reports</i> , 2021, 11, 22608.	3.3	10
1870	Role of Ferroptosis in Non-Alcoholic Fatty Liver Disease and Its Implications for Therapeutic Strategies. <i>Biomedicines</i> , 2021, 9, 1660.	3.2	32
1871	TBC1Domain Family Member 25 deficiency aggravates cerebral ischemiaâ€reperfusion injury via TAK1â€JNK/p38 pathway. <i>Journal of Neurochemistry</i> , 2021, , .	3.9	7
1872	Restoring Cardiac Functions after Myocardial Infarctionâ€Ischemia/Reperfusion via an Exosome Anchoring Conductive Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56892-56908.	8.0	52
1873	Study of the Role of the Tyrosine Kinase Receptor MerTK in the Development of Kidney Ischemia-Reperfusion Injury in RCS Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12103.	4.1	2
1874	NETosis in ischemic/reperfusion injuries: An organ-based review. <i>Life Sciences</i> , 2022, 290, 120158.	4.3	9
1875	Plasma obtained following murine hindlimb ischemic conditioning protects against oxidative stress in zebrafish models through activation of nrf2a and downregulation of duox. <i>PLoS ONE</i> , 2021, 16, e0260442.	2.5	2
1876	Soluble receptor for advanced glycation end products protects from ischemia- and reperfusion-induced acute kidney injury. <i>Biology Open</i> , 2022, 11, .	1.2	6
1877	Liver ischaemiaâ€reperfusion injury: a new understanding of the role of innate immunity. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 239-256.	17.8	115
1878	Complement in ischaemiaâ€reperfusion injury and transplantation. <i>Seminars in Immunopathology</i> , 2021, 43, 789-797.	6.1	18
1879	Impact of Oxidative DNA Damage and the Role of DNA Glycosylases in Neurological Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12924.	4.1	5
1880	Circulating RNA Profiling in Postreperfusion Plasma From Kidney Transplant Recipients. <i>Transplantation Proceedings</i> , 2021, 53, 2853-2865.	0.6	6
1881	Signaling pathways and intervention therapies in sepsis. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 407.	17.1	73
1882	Hematological, Micro-Rheological, and Metabolic Changes Modulated by Local Ischemic Pre- and Post-Conditioning in Rat Limb Ischemia-Reperfusion. <i>Metabolites</i> , 2021, 11, 776.	2.9	2
1883	A high dose of estrogen can improve renal ischemia-reperfusion-induced pulmonary injury in ovariectomized female rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 1241-1252.	1.4	4
1884	Impact of inhaled oxygen on reactive oxygen species production and oxidative damage during spontaneous ventilation in a murine model of acute renal ischemia and reperfusion. <i>Medical Research Archives</i> , 2021, 9, .	0.2	3

#	ARTICLE	IF	CITATIONS
1885	MicroRNA-489 Promotes the Apoptosis of Cardiac Muscle Cells in Myocardial Ischemia-Reperfusion Based on Smart Healthcare. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-9.	1.9	3
1886	WD-40 repeat protein 26 protects against oxidative stress-induced injury in astrocytes via Nrf2/HO-1 pathways. <i>Molecular Biology Reports</i> , 2022, 49, 1045-1056.	2.3	1
1887	Electroacupuncture Pretreatment Attenuates Cerebral Ischemia-Reperfusion Injury in Rats Through Transient Receptor Potential Vanilloid 1-Mediated Anti-apoptosis via Inhibiting NF- κ B Signaling Pathway. <i>Neuroscience</i> , 2022, 482, 100-115.	2.3	9
1889	Engineered Human Cardiac Microtissues: The State-of-the-(He)art. <i>Stem Cells</i> , 2021, 39, 1008-1016.	3.2	8
1890	Cardioprotective Effect of circ_SMG6 Knockdown against Myocardial Ischemia/Reperfusion Injury Correlates with miR-138-5p-Mediated EGR1/TLR4/TRIF Inactivation. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	4.0	11
1892	Netrin-1: An emerging player in inflammatory diseases. <i>Cytokine and Growth Factor Reviews</i> , 2022, 64, 46-56.	7.2	13
1893	PEG35 as a Preconditioning Agent against Hypoxia/Reoxygenation Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1156.	4.1	7
1894	Sodium-Glucose Co-transporter-2 Inhibitor of Dapagliflozin Attenuates Myocardial Ischemia/Reperfusion Injury by Limiting NLRP3 Inflammasome Activation and Modulating Autophagy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 768214.	2.4	36
1895	Prognostic Risk Factors for the Development of Compartment Syndrome in Acute Lower Limb Ischemia Patients Treated with Catheter-Directed Thrombolysis. <i>Annals of Vascular Surgery</i> , 2022, , .	0.9	4
1896	The ER stress sensor inositol-requiring enzyme 1 α in Kupffer cells promotes hepatic ischemia-reperfusion injury. <i>Journal of Biological Chemistry</i> , 2022, 298, 101532.	3.4	12
1897	Schizophrenia predisposition gene Unc-51-like kinase 4 for the improvement of cerebral ischemia/reperfusion injury. <i>Molecular Biology Reports</i> , 2022, 49, 2933-2943.	2.3	2
1898	Circ_ZNF512-Mediated miR-181d-5p Inhibition Limits Cardiomyocyte Autophagy and Promotes Myocardial Ischemia/Reperfusion Injury through an EGR1/mTORC1/TFEB-Based Mechanism. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1808-1821.	6.4	7
1899	Holly polyphenols attenuate liver injury, suppression inflammation and oxidative stress in lipopolysaccharide-challenged weaned pigs. <i>Food and Agricultural Immunology</i> , 2022, 33, 35-46.	1.4	2
1900	Ultrasound-Induced Destruction of Nitric Oxide-Loaded Microbubbles in the Treatment of Thrombus and Ischemia-Induced Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2021, 12, 745693.	3.5	10
1901	Mechanism of METTL3-Mediated m6A Modification in Cardiomyocyte Pyroptosis and Myocardial Ischemia-Induced Reperfusion Injury. <i>Cardiovascular Drugs and Therapy</i> , 2023, 37, 435-448.	2.6	19
1902	Extracorporeal Cardiac Shock Wave-Induced Exosome Derived From Endothelial Colony-Forming Cells Carrying miR-140-3p Alleviate Cardiomyocyte Hypoxia/Reoxygenation Injury via the PTEN/PI3K/AKT Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 779936.	3.7	7
1903	LncRNA GAS5/miR-137 Is a Hypoxia-Responsive Axis Involved in Cardiac Arrest and Cardiopulmonary Cerebral Resuscitation. <i>Frontiers in Immunology</i> , 2021, 12, 790750.	4.8	11
1904	Vagus Nerve Stimulation Attenuates Acute Skeletal Muscle Injury Induced by Hepatic Ischemia/Reperfusion Injury in Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 756997.	3.5	3

#	ARTICLE	IF	CITATIONS
1905	Simvastatin Improves Myocardial Ischemia Reperfusion Injury through KLF-Regulated Alleviation of Inflammation. <i>Disease Markers</i> , 2022, 2022, 1-6.	1.3	1
1906	A Fluorogenic ONOO ⁻ -Triggered Carbon Monoxide Donor for Mitigating Brain Ischemic Damage. <i>Journal of the American Chemical Society</i> , 2022, 144, 2114-2119.	13.7	39
1907	LncAABR07025387.1 Enhances Myocardial Ischemia/Reperfusion Injury Via miR-205/ACSL4-Mediated Ferroptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 672391.	3.7	18
1908	Role of Fractalkine-CX3CR1 Axis in Acute Rejection of Mouse Heart Allografts Subjected to Ischemia Reperfusion Injury. <i>Transplant International</i> , 2022, 36, 10157.	1.6	0
1909	Biomimetic Design of Artificial Hybrid Nanocells for Boosted Vascular Regeneration in Ischemic Tissues. <i>Advanced Materials</i> , 2022, 34, e2110352.	21.0	27
1910	Betaine protects rats against ischemia/reperfusion injury-induced brain damage. <i>Journal of Neurophysiology</i> , 2022, 127, 444-451.	1.8	13
1911	p21 ⁻ activated kinase 4 inhibition protects against liver ischemia/reperfusion injury: Role of nuclear factor erythroid 2 ⁻ related factor 2 phosphorylation. <i>Hepatology</i> , 2022, 76, 345-356.	7.3	8
1912	Effects of total glucosides of paeony on acute renal injury following ischemia ⁻ reperfusion via the lncRNA HCG18/miR-16-5p/Bcl-2 axis. <i>Immunobiology</i> , 2022, 227, 152179.	1.9	8
1913	Cardiac protection induced by urocortin-2 enables the regulation of apoptosis and fibrosis after ischemia and reperfusion involving miR-29a modulation. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 838-853.	5.1	8
1914	Blood ⁻ Brain Barrier Transporters: Opportunities for Therapeutic Development in Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1898.	4.1	26
1915	A computational model of cardiomyocyte metabolism predicts unique reperfusion protocols capable of reducing cell damage during ischemia/reperfusion. <i>Journal of Biological Chemistry</i> , 2022, 298, 101693.	3.4	1
1916	Adenosine A1 receptor ligands bind to α -synuclein: implications for α -synuclein misfolding and α -synucleinopathy in Parkinson TM s disease. <i>Translational Neurodegeneration</i> , 2022, 11, 9.	8.0	4
1917	Cardioprotection of Immature Heart by Simultaneous Activation of PKA and Epac: A Role for the Mitochondrial Permeability Transition Pore. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1720.	4.1	3
1918	The predictive role of early CRP values for one-year mortality in the first 2 d after acute myocardial infarction. <i>Biomarkers</i> , 2022, 27, 293-298.	1.9	2
1919	Exosomal microRNA-150-5p from bone marrow mesenchymal stromal cells mitigates cerebral ischemia/reperfusion injury via targeting toll-like receptor 5. <i>Bioengineered</i> , 2022, 13, 3029-3042.	3.2	21
1921	Transitional Changes in the Structure of C-Reactive Protein Create Highly Pro-Inflammatory Molecules: Therapeutic Implications for Cardiovascular Diseases. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1922	A hypoxia-activated NO donor for the treatment of myocardial hypoxia injury. <i>Chemical Science</i> , 2022, 13, 3549-3555.	7.4	6
1924	β Mal1 Regulates SIRT1 to Inhibit the Activation of TGF- β 1/Smad2 Signaling Pathway and Reduces Renal Fibrosis after Renal Ischemia-Reperfusion Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
1925	What is the role of heat shock protein in abdominal organ transplantation?. Einstein (Sao Paulo,) Tj ETQq0 0 0 rgBT/Overlock 2 10 Tf 50 7	0.7	2
1926	Ebselen enhances insulin sensitivity and decreases oxidative stress by inhibiting SHIP2 and protects from inflammation in diabetic mice. International Journal of Biological Sciences, 2022, 18, 1852-1864.	6.4	7
1927	Pathobiology of Myocardial Ischemia and Reperfusion Injury: Models, Modes, Molecular Mechanisms, Modulation, and Clinical Applications. Cardiology in Review, 2023, 31, 252-264.	1.4	9
1928	Human Amnion-Derived Mesenchymal Stromal/Stem Cells Pre-Conditioning Inhibits Inflammation and Apoptosis of Immune and Parenchymal Cells in an In Vitro Model of Liver Ischemia/Reperfusion. Cells, 2022, 11, 709.	4.1	7
1929	Development of a Method for Quantitative Evaluation of Facial Swelling in a Rat Model of Cerebral Ischemia by Facial Image Processing. Frontiers in Medicine, 2022, 9, 737662.	2.6	0
1930	Asiatic Acid Alleviates Myocardial Ischemia-Reperfusion Injury by Inhibiting the ROS-Mediated Mitochondria-Dependent Apoptosis Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	4.0	27
1931	Ischemic stroke causes Parkinsonâ€™s disease-like pathology and symptoms in transgenic mice overexpressing alpha-synuclein. Acta Neuropathologica Communications, 2022, 10, 26.	5.2	14
1932	Extracellular Circular RNAs Act as Novel First Messengers Mediating Cell Cross-Talk in Ischemic Cardiac Injury and Myocardial Remodeling. Journal of Cardiovascular Translational Research, 2022, 15, 444-455.	2.4	9
1933	miR-204-5p is sponged by TUG1 to aggravate neuron damage induced by focal cerebral ischemia and reperfusion injury through upregulating COX2. Cell Death Discovery, 2022, 8, 89.	4.7	6
1934	ä,è-æ²»ç—â¿fè,,è¡€ç®¡ç—¾ç—...âæ¿ä½œç”œœ²â^¶è\$£æžç”ç©¶è¿¿â±. Scientia Sinica Vitae, 2022, , .	0.3	0
1935	Propofol postconditioning alleviates diabetic myocardial ischemiaâ€™reperfusion injury <i>via</i> the miRâ€™200câ€™3p/AdipoR2/STAT3 signaling pathway. Molecular Medicine Reports, 2022, 25, .	2.4	4
1936	Inhibition of Myocardial Cell Apoptosis Is Important Mechanism for Ginsenoside in the Limitation of Myocardial Ischemia/Reperfusion Injury. Frontiers in Pharmacology, 2022, 13, 806216.	3.5	8
1937	Bryostatin-1 Attenuates Ischemia-Elicited Neutrophil Transmigration and Ameliorates Graft Injury after Kidney Transplantation. Cells, 2022, 11, 948.	4.1	3
1938	Platelet-Vesicles-Encapsulated RSL-3 Enable Anti-Angiogenesis and Induce Ferroptosis to Inhibit Pancreatic Cancer Progress. Frontiers in Endocrinology, 2022, 13, 865655.	3.5	7
1939	Metabonomics Study on Naotaifang Extract Alleviating Neuronal Apoptosis after Cerebral Ischemia-Reperfusion Injury. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-12.	1.2	3
1940	Versatile role of sirtuins in metabolic disorders: From modulation of mitochondrial function to therapeutic interventions. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23047.	3.0	17
1941	MicroRNAs: Novel Targets in Hepatic Ischemiaâ€™Reperfusion Injury. Biomedicines, 2022, 10, 791.	3.2	10
1942	Estrogen inhibits endoplasmic reticulum stress and ameliorates myocardial ischemia/reperfusion injury in rats by upregulating SERCA2a. Cell Communication and Signaling, 2022, 20, 38.	6.5	7

#	ARTICLE	IF	CITATIONS
1944	Ischemic Preconditioning Alleviates Mouse Renal Ischemia/Reperfusion Injury by Enhancing Autophagy Activity of Proximal Tubular Cells. <i>Kidney Diseases (Basel, Switzerland)</i> , 2022, 8, 217-230.	2.5	1
1945	Evaluation of Melatonin Therapy in Patients with Myocardial Ischemia-Reperfusion Injury: A Systematic Review and Meta-Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	4.0	9
1946	Sense and Sensibilities of Organ Perfusion as a Kidney and Liver Viability Assessment Platform. <i>Transplant International</i> , 2022, 35, 10312.	1.6	7
1947	Mitochondrial DNA Release Contributes to Intestinal Ischemia/Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2022, 13, 854994.	3.5	15
1948	LncRNA Rian reduces cardiomyocyte pyroptosis and alleviates myocardial ischemiaâ€“reperfusion injury by regulating by the miR-17-5p/CCND1 axis. <i>Hypertension Research</i> , 2022, 45, 976-989.	2.7	15
1949	The Role of Plasma Extracellular Vesicles in Remote Ischemic Conditioning and Exercise-Induced Ischemic Tolerance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3334.	4.1	7
1950	<scp>LINC01588</scp> regulates <scp>WWP2</scp>â€“mediated cardiomyocyte injury by interacting with <scp>HNRNPL</scp>. <i>Environmental Toxicology</i> , 2022, 37, 1629-1641.	4.0	6
1951	Role and mechanism of the lncRNA SNHG1/miRâ€“450bâ€“5p/IGF1 axis in the regulation of myocardial ischemia reperfusion injury. <i>Molecular Medicine Reports</i> , 2022, 25, .	2.4	8
1952	Laminarin Alleviates the Ischemia/Reperfusion Injury in PC12 Cells via Regulation of PTEN/PI3K/AKT Pathway. <i>Advances in Polymer Technology</i> , 2022, 2022, 1-8.	1.7	1
1953	Role of the Antioxidant Activity of Melatonin in Myocardial Ischemia-Reperfusion Injury. <i>Antioxidants</i> , 2022, 11, 627.	5.1	8
1954	A review on the effects of vitamin D attenuating ischemia reperfusion injuries. <i>International Journal of Food Properties</i> , 2022, 25, 522-540.	3.0	0
1955	Propofol Upregulates MicroRNA-30b to Inhibit Excessive Autophagy and Apoptosis and Attenuates Ischemia/Reperfusion Injury In Vitro and in Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	4.0	5
1956	Prognostic value of protein biomarkers in liver transplantation: A systematic review. <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100038.	1.6	0
1957	Maternal Inflammation Exaggerates Offspring Susceptibility to Cerebral Ischemiaâ€“Reperfusion Injury via the COX-2/PGD2/DP2 Pathway Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	2
1958	Kaempferol From <i>Penthorum chinense</i> Pursh Attenuates Hepatic Ischemia/Reperfusion Injury by Suppressing Oxidative Stress and Inflammation Through Activation of the Nrf2/HO-1 Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 857015.	3.5	9
1959	Ischemia during rest intervals between sets prevents decreases in fatigue during the explosive squat exercise: a randomized, crossover study. <i>Scientific Reports</i> , 2022, 12, 5922.	3.3	5
1960	Advanced drug delivery system against ischemic stroke. <i>Journal of Controlled Release</i> , 2022, 344, 173-201.	9.9	23
1961	Preclinical Evidence of Paeoniflorin Effectiveness for the Management of Cerebral Ischemia/Reperfusion Injury: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2022, 13, 827770.	3.5	5

#	ARTICLE	IF	CITATIONS
1962	H2S in Critical Illnessâ€”A New Horizon for Sodium Thiosulfate?. <i>Biomolecules</i> , 2022, 12, 543.	4.0	9
1963	Role of puerarin in pathological cardiac remodeling: A review. <i>Pharmacological Research</i> , 2022, 178, 106152.	7.1	20
1964	Identification and Validation of Dilated Cardiomyopathy-Related Genes via Bioinformatics Analysis. <i>International Journal of General Medicine</i> , 2022, Volume 15, 3663-3676.	1.8	5
1965	A biocompatible nanoparticle-based approach to inhibiting renal ischemia reperfusion injury in mice by blocking thrombospondin-1 activity. <i>American Journal of Transplantation</i> , 2022, 22, 2246-2253.	4.7	2
1966	Genetic effect of ischemia-reperfusion injury upon primary graft dysfunction and chronic lung allograft dysfunction in lung transplantation: evidence based on transcriptome data. <i>Transplant Immunology</i> , 2022, 71, 101556.	1.2	6
1967	Intestinal epithelial cell-derived exosomes package microRNA-23a-3p alleviate gut damage after ischemia/reperfusion via targeting MAP4K4. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112810.	5.6	3
1968	Octreotide ameliorates hepatic ischemia-reperfusion injury through SNHG12/TAF15-mediated Sirt1 stabilization and YAP1 transcription. <i>Toxicology and Applied Pharmacology</i> , 2022, 442, 115975.	2.8	3
1969	TNF- α stimulation enhances the neuroprotective effects of gingival MSCs derived exosomes in retinal ischemia-reperfusion injury via the MEG3/miR-21a-5p axis. <i>Biomaterials</i> , 2022, 284, 121484.	11.4	47
1970	Effect of early exercise on inflammatory parameters and apoptosis in CA1 area of the hippocampus following cerebral ischemia-reperfusion in rats. <i>Brain Research Bulletin</i> , 2022, 182, 102-110.	3.0	3
1971	Transitional changes in the structure of C-reactive protein create highly pro-inflammatory molecules: Therapeutic implications for cardiovascular diseases. , 2022, 235, 108165.		27
1972	Prunus cerasoides Extract and Its Component Compounds Upregulate Neuronal Neuroglobin Levels, Mediate Antioxidant Effects, and Ameliorate Functional Losses in the Mouse Model of Cerebral Ischemia. <i>Antioxidants</i> , 2022, 11, 99.	5.1	2
1973	Ex-vivo Kidney Machine Perfusion: Therapeutic Potential. <i>Frontiers in Medicine</i> , 2021, 8, 808719.	2.6	28
1974	Neutrophil-Derived IL-17 Promotes Ventilator-Induced Lung Injury via p38 MAPK/MCP-1 Pathway Activation. <i>Frontiers in Immunology</i> , 2021, 12, 768813.	4.8	16
1975	Inhibition of the Interaction of TREM-1 and eCIRP Attenuates Inflammation and Improves Survival in Hepatic Ischemia/Reperfusion. <i>Shock</i> , 2022, 57, 246-255.	2.1	7
1976	Akt Inhibition as Preconditioning Treatment to Protect Kidney Cells against Anoxia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 152.	4.1	1
1977	ADAM8 Activates NLRP3 Inflammasome to Promote Cerebral Ischemia-Reperfusion Injury. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-14.	1.9	11
1978	Modeling ischemic stroke in a triculture neurovascular unit on-a-chip. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 59.	5.0	30
1979	MicroRNA-126 and VEGF enhance the function of endothelial progenitor cells in acute myocardial infarction. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 142.	1.8	8

#	ARTICLE	IF	CITATIONS
1980	Development of a Novel Perfusable Solution for ex vivo Preservation: Towards Photosynthetic Oxygenation for Organ Transplantation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 796157.	4.1	15
1981	Astragaloside IV Alleviates Cerebral Ischemia-Reperfusion Injury through NLRP3 Inflammasome-Mediated Pyroptosis Inhibition via Activating Nrf2. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	49
1982	Intermittent Hypoxic Therapy Inhibits Allogenic Bone-Graft Resorption by Inhibition of Osteoclastogenesis in a Mouse Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 323.	4.1	3
1983	Function of BCLAF1 in human disease (Review). <i>Oncology Letters</i> , 2021, 23, 58.	1.8	16
1984	Failing Heart Transplants and Rejection—A Cellular Perspective. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 180.	1.6	3
1985	MicroRNA-126 protects SH-SY5Y cells from ischemia/reperfusion injury-induced apoptosis by inhibiting RAB3IP. <i>Molecular Medicine Reports</i> , 2021, 25, .	2.4	13
1986	Transient Focal Cerebral Ischemia Leads to miRNA Alterations in Different Brain Regions, Blood Serum, Liver, and Spleen. <i>International Journal of Molecular Sciences</i> , 2022, 23, 161.	4.1	7
1987	LncRNA TUG1 aggravates cardiomyocyte apoptosis and myocardial ischemia/reperfusion injury. <i>Histology and Histopathology</i> , 2021, , 18381.	0.7	5
1988	Therapeutic Targets for Regulating Oxidative Damage Induced by Ischemia-Reperfusion Injury: A Study from a Pharmacological Perspective. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-25.	4.0	10
1990	Effect of Adenosine Receptor Antagonists on Adenosine-Pretreated PC12 Cells Exposed to Paraquat. <i>Dose-Response</i> , 2022, 20, 155932582210934.	1.6	0
1992	A Renally Clearable Activatable Polymeric Nanoprobe for Early Detection of Hepatic Ischemia-Reperfusion Injury. <i>Advanced Materials</i> , 2022, 34, e2201357.	21.0	23
1993	Coenzyme Q10 Reduces Infarct Size in Animal Models of Myocardial Ischemia-Reperfusion Injury: A Meta-Analysis and Summary of Underlying Mechanisms. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 857364.	2.4	6
1994	Roles of Nitric Oxide in Brain Ischemia and Reperfusion. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4243.	4.1	21
1995	Oxycodone protects cardiac microvascular endothelial cells against ischemia/reperfusion injury by binding to Sigma-1 Receptor. <i>Bioengineered</i> , 2022, 13, 9628-9644.	3.2	7
1996	Oxidative Stress and Ischemia/Reperfusion Injury in Kidney Transplantation: Focus on Ferroptosis, Mitophagy and New Antioxidants. <i>Antioxidants</i> , 2022, 11, 769.	5.1	32
1997	Chapter 2. Inflammatory Changes in Cerebral Ischemic Injury: Cellular and Molecular Involvement. <i>RSC Drug Discovery Series</i> , 0, , 15-33.	0.3	0
2039	Burnstock oration — purinergic signalling in kidney transplantation. <i>Purinergic Signalling</i> , 2022, 18, 387-393.	2.2	2
2043	Abrogation of graft ischemia-reperfusion injury in ischemia-free liver transplantation. <i>Clinical and Translational Medicine</i> , 2022, 12, e546.	4.0	12

#	ARTICLE	IF	CITATIONS
2044	The Protective Effect of Sevoflurane Conditionings Against Myocardial Ischemia/Reperfusion Injury: A Systematic Review and Meta-Analysis of Preclinical Trials in in-vivo Models. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 841654.	2.4	2
2045	Renal Denervation Attenuates Adverse Remodeling and Intramyocardial Inflammation in Acute Myocardial Infarction With Ischemiaâ€“Reperfusion Injury. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 832014.	2.4	4
2046	NEU1 Regulates Mitochondrial Energy Metabolism and Oxidative Stress Post-myocardial Infarction in Mice via the SIRT1/PGC-1 Alpha Axis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 821317.	2.4	16
2047	Hydroxysafflower yellow A alleviates HK-2 cells injury in cold hypoxia/reoxygenation via mitochondrial apoptosis. <i>Transplant Immunology</i> , 2022, , 101610.	1.2	0
2048	Protein Phosphatase 2A Improves Cardiac Functional Response to Ischemia and Sepsis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4688.	4.1	4
2049	SIK2 Improving Mitochondrial Autophagy Restriction Induced by Cerebral Ischemia-Reperfusion in Rats. <i>Frontiers in Pharmacology</i> , 2022, 13, 683898.	3.5	1
2050	Putative therapeutic impacts of cardiac CTRP9 in ischaemia/reperfusion injury. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3120-3132.	3.6	1
2051	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury. <i>Nature Communications</i> , 2022, 13, 2513.	12.8	43
2052	Hypoxic/Ischemic Inflammation, MicroRNAs and Î-Opioid Receptors: Hypoxia/Ischemia-Sensitive Versus-Insensitive Organs. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	3.4	3
2053	<i>Clostridium perfringens</i> -Induced Necrotic Diseases: An Overview. <i>Immuno</i> , 2022, 2, 387-407.	1.5	6
2054	ICA II Alleviates Testicular Torsion Injury by Dampening the Oxidative and Inflammatory Stress. <i>Frontiers in Endocrinology</i> , 2022, 13, .	3.5	3
2055	Rosmarinic Acid Ameliorates Pulmonary Ischemia/Reperfusion Injury by Activating the PI3K/Akt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	9
2056	Inhibition of hypoxia-inducible factor-prolyl hydroxylation protects from cyclophosphamide-induced bladder injury and urinary dysfunction. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 323, F81-F91.	2.7	1
2057	Role of tRNA derived fragments in renal ischemiaâ€“reperfusion injury. <i>Renal Failure</i> , 2022, 44, 815-825.	2.1	8
2058	Local Mucosal CO2 but Not O2 Insufflation Improves Gastric and Oral Microcirculatory Oxygenation in a Canine Model of Mild Hemorrhagic Shock. <i>Frontiers in Medicine</i> , 2022, 9, 867298.	2.6	3
2059	Inhalative as well as Intravenous Administration of H2S Provides Neuroprotection after Ischemia and Reperfusion Injury in the Ratsâ€™ Retina. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5519.	4.1	7
2060	The Endothelial Glycocalyx: A Possible Therapeutic Target in Cardiovascular Disorders. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	21
2061	Utilization of Ischemic Preconditioning for Athletes Competing and Training at Altitude: Applications and Perspectives. <i>Journal of Science in Sport and Exercise</i> , 0, , 1.	1.0	1

#	ARTICLE	IF	CITATIONS
2062	PINK1/Parkin-mediated mitophagy in cardiovascular disease: From pathogenesis to novel therapy. <i>International Journal of Cardiology</i> , 2022, 361, 61-69.	1.7	16
2063	A Toolbox to Investigate the Impact of Impaired Oxygen Delivery in Experimental Disease Models. <i>Frontiers in Medicine</i> , 2022, 9, .	2.6	2
2064	Mecp2 protects kidney from ischemia-reperfusion injury through transcriptional repressing IL-6/STAT3 signaling. <i>Theranostics</i> , 2022, 12, 3896-3910.	10.0	13
2065	Inhibition of Oxidative Stress: An Important Molecular Mechanism of Chinese Herbal Medicine (<i>Astragalus membranaceus</i> , <i>Carthamus tinctorius</i> L., <i>Radix Salvia Miltiorrhizae</i> , etc.) in the Treatment of Ischemic Stroke by Regulating the Antioxidant System. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	4.0	13
2066	Obstructive sleep apnea: transition from pathophysiology to an integrative disease model. <i>Journal of Sleep Research</i> , 2022, 31, .	3.2	43
2067	Serum proteome alterations during conventional and extracorporeal resuscitation in pigs. <i>Journal of Translational Medicine</i> , 2022, 20, .	4.4	5
2068	Design, synthesis, and in vitro protective effect evaluation of 1 \pm -carboline derivatives against H ₂ O ₂ -induced cardiomyocyte injury. <i>European Journal of Medicinal Chemistry</i> , 2022, 238, 114469.	5.5	2
2069	Effects of fluids vs. vasopressors on spinal cord microperfusion in hemorrhagic shock induced ischemia/reperfusion. <i>Microvascular Research</i> , 2022, 143, 104383.	2.5	3
2070	Defective KIM-1 phagocytosis does not predispose to acute graft dysfunction after kidney transplantation in humans. <i>Kidney International</i> , 2022, , .	5.2	0
2071	Sitagliptin mitigates hypoxia/reoxygenation (H/R)-induced injury in cardiomyocytes by mediating sirtuin 3 (SIRT3) and autophagy. <i>Bioengineered</i> , 2022, 13, 13162-13173.	3.2	7
2072	Activation of BDNF- and VEGF-mediated Neuroprotection by Treadmill Exercise Training in Experimental Stroke. <i>Metabolic Brain Disease</i> , 2022, 37, 1843-1853.	2.9	6
2073	Resveratrol inhibits the inflammatory response and oxidative stress induced by uterine ischemia reperfusion injury by activating PI3K-AKT pathway. <i>PLoS ONE</i> , 2022, 17, e0266961.	2.5	1
2074	Polyethylene glycol capped gold nanoparticles ameliorate renal ischemia/reperfusion injury in diabetic mice through AMPK-Nrf2 signaling pathway. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77884-77907.	5.3	6
2075	miRNA Involvement in Cerebral Ischemia-Reperfusion Injury. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	17
2076	L-Cysteine Alleviates Myenteric Neuron Injury Induced by Intestinal Ischemia/Reperfusion via Inhibiting the Macrophage NLRP3-IL-1 β Pathway. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	0
2077	Small molecules as modulators of regulated cell death against ischemia/reperfusion injury. <i>Medicinal Research Reviews</i> , 2022, 42, 2067-2101.	10.5	12
2078	The Role of Podoplanin in the Immune System and Inflammation. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3561-3572.	3.5	5
2079	Application of Metal-Based Nanozymes in Inflammatory Disease: A Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	10

#	ARTICLE	IF	CITATIONS
2080	The H2S Donor Sodium Thiosulfate (Na2S2O3) Does Not Improve Inflammation and Organ Damage After Hemorrhagic Shock in Cardiovascular Healthy Swine. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	5
2081	Network Pharmacology Experiments Show That Emodin Can Exert a Protective Effect on MCAO Rats by Regulating Hif-1 α /VEGF-A Signaling. <i>ACS Omega</i> , 2022, 7, 22577-22593.	3.5	5
2082	Effects of Occult Hypoperfusion on Local Circulation and Inflammation - An Analysis in a Standardized Polytrauma Model. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	0
2083	Ascorbate-assisted nitric oxide release from photocontrollable nitrosonium ion releasers for potent <i>ex vivo</i> photovasodilation. <i>Chemical Communications</i> , 2022, 58, 8420-8423.	4.1	3
2084	Urokinase loaded black phosphorus nanosheets for sequential thrombolysis and reactive oxygen species scavenging in ischemic stroke treatment. <i>Biomaterials Science</i> , 2022, 10, 4656-4666.	5.4	9
2085	Bawei Chenxiang Powder Medicated Serum Protected H9C2 from Damage Under Hypoxia/Reoxygenation Through the PI3K/AKT/GSK3 β Signaling Pathway. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2086	Marine-derived n-3 fatty acids therapy for stroke. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	0
2087	An injectable co-assembled hydrogel blocks reactive oxygen species and inflammation cycle resisting myocardial ischemia-reperfusion injury. <i>Acta Biomaterialia</i> , 2022, 149, 82-95.	8.3	23
2088	Cerebral ischemia in the developing brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1777-1796.	4.3	14
2089	Pharmacological effects of <i>Eleutherococcus senticosus</i> on the neurological disorders. <i>Phytotherapy Research</i> , 2022, 36, 3490-3504.	5.8	13
2090	CDGSH iron sulfur domain 2 mitigates apoptosis, oxidative stress and inflammatory response caused by oxygen-glucose deprivation/reoxygenation in HT22 hippocampal neurons by Akt-Nrf2-activated pathway. <i>Metabolic Brain Disease</i> , 2022, 37, 2417-2429.	2.9	1
2091	Impact of Machine Perfusion on the Immune Response After Liver Transplantation – A Primary Treatment or Just a Delivery Tool. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	9
2092	Alternative adenosine Receptor activation: The netrin-Adora2b link. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	9
2093	P2R Inhibitors Prevent Antibody-Mediated Complement Activation in an Animal Model of Neuromyelitis Optica. <i>Neurotherapeutics</i> , 2022, 19, 1603-1616.	4.4	3
2094	Downregulation of miR-34c-5p alleviates chronic intermittent hypoxia-induced myocardial damage by targeting sirtuin 1. <i>Journal of Biochemical and Molecular Toxicology</i> , 0, , .	3.0	0
2095	Effects of hypoxia on respiratory diseases: perspective view of epithelial ion transport. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L240-L250.	2.9	4
2096	Luteolin alleviates inflammation and autophagy of hippocampus induced by cerebral ischemia/reperfusion by activating PPAR gamma in rats. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, .	2.7	7
2097	HSP70 protects H9C2 cells from hypoxia and reoxygenation injury through STIM1/IP3R. <i>Cell Stress and Chaperones</i> , 2022, 27, 535-544.	2.9	3

#	ARTICLE	IF	CITATIONS
2098	Mitochondrial PKM2 deacetylation by procyanidin B2-induced SIRT3 upregulation alleviates lung ischemia/reperfusion injury. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	12
2099	Head-to-head comparison of two SGLT-2 inhibitors on AKI outcomes in a rat ischemia-reperfusion model. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113357.	5.6	12
2100	Vagus nerve stimulation promotes the M1-to-M2 transition via inhibition of TLR4/NF- κ B in microglial to rescue the reperfusion injury. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106596.	1.6	5
2101	TREM2 modulates neuroinflammation with elevated IRAK3 expression and plays a neuroprotective role after experimental SAH in rats. <i>Neurobiology of Disease</i> , 2022, 171, 105809.	4.4	15
2102	Development of Probes with High Signal-to-Noise Ratios Based on the Facile Modification of Xanthene Dyes for Imaging Peroxynitrite during the Liver Ischemia/Reperfusion Process. <i>Analytical Chemistry</i> , 2022, 94, 10773-10780.	6.5	15
2103	Role of glycine and glycine receptors in vascular endothelium: a new perspective for the management of the post-ischemic injury-. <i>Current Vascular Pharmacology</i> , 2022, 20, .	1.7	1
2104	Resveratrol, novel application by preconditioning to attenuate myocardial ischemia/reperfusion injury in mice through regulate <scp>AMPK</scp> pathway and autophagy level. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 4216-4229.	3.6	24
2105	Integrin receptor-binding nanofibrous peptide hydrogel for combined mesenchymal stem cell therapy and nitric oxide delivery in renal ischemia/reperfusion injury. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	5.5	12
2106	Interleukin-34-NF- κ B Signaling Aggravates Myocardial Ischemic/Reperfusion Injury by Facilitating Macrophage Recruitment and Polarization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2107	Emerging roles of extracellular vesicle-associated non-coding RNAs in hypoxia: Insights from cancer, myocardial infarction and ischemic stroke. <i>Theranostics</i> , 2022, 12, 5776-5802.	10.0	22
2108	Is Benidipine Effective in Preventing Gastric Ischemia/ Reperfusion Injury?. <i>International Journal of Pharmacology</i> , 2022, 18, 1271-1277.	0.3	0
2109	The importance of natural chalcones in ischemic organ damage: Comprehensive and bioinformatic analysis review. <i>Journal of Food Biochemistry</i> , 2022, 46, .	2.9	1
2110	Transport Mechanisms at the Bloodâ€‘Brain Barrier and in Cellular Compartments of the Neurovascular Unit: Focus on CNS Delivery of Small Molecule Drugs. <i>Pharmaceutics</i> , 2022, 14, 1501.	4.5	9
2111	Research progress of lncRNA and miRNA in hepatic ischemia-reperfusion injury. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2023, 22, 45-53.	1.3	5
2112	Identification of programmed cell death-related gene signature and associated regulatory axis in cerebral ischemia/reperfusion injury. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	12
2113	Managing Maternal Fatigue During Childbirth: A Systematic Review. <i>Current Women's Health Reviews</i> , 2023, 19, .	0.2	0
2114	MUCOSAL RECOVERY AFTER INTESTINAL TRANSPLANTATION IN THE RAT: A SEQUENTIAL HISTOLOGICAL AND MOLECULAR ASSESSMENT. <i>European Surgical Research</i> , 0, , .	1.3	0
2115	EGR2 is a hub-gene in myocardial infarction and aggravates inflammation and apoptosis in hypoxia-induced cardiomyocytes. <i>BMC Cardiovascular Disorders</i> , 2022, 22, .	1.7	6

#	ARTICLE	IF	CITATIONS
2116	Mild Therapeutic Hypothermia Protects from Acute and Chronic Renal Ischemia-Reperfusion Injury in Mice by Mitigated Mitochondrial Dysfunction and Modulation of Local and Systemic Inflammation. International Journal of Molecular Sciences, 2022, 23, 9229.	4.1	8
2117	Erythrocyte Membrane-Enveloped Salvianolic Acid B Nanoparticles Attenuate Cerebral Ischemia-Reperfusion Injury. International Journal of Nanomedicine, 0, Volume 17, 3561-3577.	6.7	4
2118	Epigenetic modification mechanism of histone demethylase KDM1A in regulating cardiomyocyte apoptosis after myocardial ischemia-reperfusion injury. PeerJ, 0, 10, e13823.	2.0	0
2119	Therapeutic potential and molecular mechanisms of salidroside in ischemic diseases. Frontiers in Pharmacology, 0, 13, .	3.5	10
2120	Cellular recovery after prolonged warm ischaemia of the whole body. Nature, 2022, 608, 405-412.	27.8	34
2121	The Hypoxia-Adenosine Link during Myocardial Ischemia-Reperfusion Injury. Biomedicines, 2022, 10, 1939.	3.2	18
2122	Targeting p21-activated kinase 4 (PAK4) with pyrazolo[3,4- <i>d</i>]pyrimidine derivative SPA7012 attenuates hepatic ischaemia-reperfusion injury in mice. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 2133-2146.	5.2	3
2123	Non-coding RNAs in necroptosis, pyroptosis, and ferroptosis in cardiovascular diseases. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	5
2124	Cerebral edema after ischemic stroke: Pathophysiology and underlying mechanisms. Frontiers in Neuroscience, 0, 16, .	2.8	22
2125	Increased Levels of ANGPTL3 and CTRP9 in Patients With Obstructive Sleep Apnea and Their Relation to Insulin Resistance and Lipid Metabolism and Markers of Endothelial Dysfunction. Laboratory Medicine, 0, , .	1.2	1
2126	Effects of Ceftriaxone on Oxidative Stress and Inflammation in a Rat Model of Chronic Cerebral Hypoperfusion. Behavioral Sciences (Basel, Switzerland), 2022, 12, 287.	2.1	3
2127	The Hippo-YAP pathway in various cardiovascular diseases: Focusing on the inflammatory response. Frontiers in Immunology, 0, 13, .	4.8	9
2128	Glucose control independent mechanisms involved in the cardiovascular benefits of glucagon-like peptide-1 receptor agonists. Biomedicine and Pharmacotherapy, 2022, 153, 113517.	5.6	6
2129	The comparison of biological effects of bacterial and synthetic melanins in neuroblastoma cells. Food and Chemical Toxicology, 2022, 168, 113355.	3.6	3
2130	Acetate, a gut bacterial product, ameliorates ischemia-reperfusion induced acute lung injury in rats. International Immunopharmacology, 2022, 111, 109136.	3.8	9
2131	Storax protected primary cortical neurons from oxygen-glucose deprivation/reoxygenation injury via inhibiting the TLR4/TRAF6/NF- κ B signaling pathway. Brain Research, 2022, 1792, 148021.	2.2	3
2132	Targeting NMDA Receptors at the Neurovascular Unit: Past and Future Treatments for Central Nervous System Diseases. International Journal of Molecular Sciences, 2022, 23, 10336.	4.1	16
2133	Endothelial caveolin-1 regulates cerebral thrombo-inflammation in acute ischemia/reperfusion injury. EBioMedicine, 2022, 84, 104275.	6.1	17

#	ARTICLE	IF	CITATIONS
2134	Fingolimod protects against neurovascular unit injury in a rat model of focal cerebral ischemia/reperfusion injury. <i>Neural Regeneration Research</i> , 2023, 18, 869.	3.0	3
2135	Acute and long-term changes in blood flow after ischemic stroke: challenges and opportunities. <i>Neural Regeneration Research</i> , 2023, 18, 799.	3.0	3
2136	Targeted delivery of nanomedicines for promoting vascular regeneration in ischemic diseases. <i>Theranostics</i> , 2022, 12, 6223-6241.	10.0	9
2137	SARS-CoV-2 Invasion and Pathogenesis of COVID-19: A Perspective of Viral Receptors, Bradykinin, and Purinergic System. , 2022, , 31-48.		0
2138	Autophagy and Oxidative Balance Mediate the Effect of Carvedilol and Glibenclamide in a Rat Model of Renal Ischemia-Reperfusion Injury. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 1402-1410.	0.2	0
2139	Extracellular matrix metalloproteinase inducer in brain ischemia and intracerebral hemorrhage. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	8
2140	Ischemia and reperfusion injury combined with cisplatin induces immunogenic cell death in lung cancer cells. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	5
2141	Therapeutic Potential and Mechanisms of Novel Simple O-Substituted Isoflavones against Cerebral Ischemia Reperfusion. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10394.	4.1	7
2142	Ischemic Preconditioning and Postconditioning Protect the Heart by Preserving the Mitochondrial Network. <i>BioMed Research International</i> , 2022, 2022, 1-14.	1.9	1
2143	AMPK: The Key to ischemia-reperfusion injury. <i>Journal of Cellular Physiology</i> , 2022, 237, 4079-4096.	4.1	19
2144	Pioglitazone Protects Against Hypoxia-Induced Cardiomyocyte Apoptosis Through Inhibiting NLRP3/Caspase-1 Pathway &in vivo; and &in vitro;. <i>International Heart Journal</i> , 2022, 63, 893-903.	1.0	5
2145	Dexmedetomidine reduces myocardial ischemia-reperfusion injury in young mice through MIF/AMPK/GLUT4 axis. <i>BMC Anesthesiology</i> , 2022, 22, .	1.8	3
2146	Loureirin C ameliorates ischemia and reperfusion injury in rats by inhibiting the activation of the <sc>TLR4</sc>/<sc>NF- κ B</sc> pathway and promoting <sc>TLR4</sc> degradation. <i>Phytotherapy Research</i> , 2022, 36, 4527-4541.	5.8	4
2147	DJ-1 Protein Inhibits Apoptosis in Cerebral Ischemia by Regulating the Notch1 and Nuclear Factor Erythroid2-Related Factor 2 Signaling Pathways. <i>Neuroscience</i> , 2022, 504, 33-46.	2.3	2
2148	Ghrelin May Inhibit Inflammatory Response and Apoptosis During Ischemia-Reperfusion Injury. <i>Transplantation Proceedings</i> , 2022, , .	0.6	1
2149	Dynamic Parameters of Hypothermic Machine PerfusionâAn Image of Initial Graft Function in Adult Kidney Transplantation?. <i>Journal of Clinical Medicine</i> , 2022, 11, 5698.	2.4	3
2150	Circadian regulated control of myocardial ischemia-reperfusion injury. <i>Trends in Cardiovascular Medicine</i> , 2024, 34, 1-7.	4.9	7
2151	How to improve results after DCD (donation after circulation death). <i>Presse Medicale</i> , 2022, , 104143.	1.9	1

#	ARTICLE	IF	CITATIONS
2152	Apolipoprotein Aâ€”1 protected hepatic ischaemiaâ€”reperfusion injury through suppressing macrophage pyroptosis via TLR4â€”NFâ€”ÎºB pathway. <i>Liver International</i> , 2023, 43, 234-248.	3.9	9
2153	Combining Cobalt Ferrite Nanozymes with a Natural Enzyme to Reshape the Tumor Microenvironment for Boosted Cascade Enzyme-Like Activities. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 45217-45228.	8.0	18
2154	Evidence construction of baicalin for treating myocardial ischemia diseases: A preclinical meta-analysis. <i>Phytomedicine</i> , 2022, 107, 154476.	5.3	5
2155	KMT2B-dependent RFK transcription activates the TNF-Î±/NOX2 pathway and enhances ferroptosis caused by myocardial ischemia-reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 173, 75-91.	1.9	6
2156	SOLUBLE GUANYLYL CYCLASE ACTIVATION RESCUES HYPEROXIA-INDUCED DYSFUNCTION OF VASCULAR RELAXATION. <i>Shock</i> , 2022, 58, 280-286.	2.1	2
2157	Time-of-day dependent effects of midazolam administration on myocardial injury in non-cardiac surgery. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	1
2158	Immune response associated with ischemia and reperfusion injury during organ transplantation. <i>Inflammation Research</i> , 2022, 71, 1463-1476.	4.0	8
2159	Complement-targeting therapeutics for ischemia-reperfusion injury in transplantation and the potential for ex vivo delivery. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	2
2160	A composite hydrogel containing resveratrol-laden nanoparticles and platelet-derived extracellular vesicles promotes wound healing in diabetic mice. <i>Acta Biomaterialia</i> , 2022, 154, 212-230.	8.3	40
2161	Trained immunity â€” basic concepts and contributions to immunopathology. <i>Nature Reviews Nephrology</i> , 2023, 19, 23-37.	9.6	57
2162	Involvement of Hypoxia-Inducible Factor 1-Î± in Experimental Testicular Ischemia and Reperfusion: Effects of Polydeoxyribonucleotide and Selenium. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13144.	4.1	3
2163	Molecular Mechanisms of Ischaemia-Reperfusion Injury and Regeneration in the Liver-Shock and Surgery-Associated Changes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12942.	4.1	9
2164	MicroRNAâ€”582â€”5p targeting Creb1 modulates apoptosis in cardiomyocytes hypoxia/reperfusionâ€”induced injury. <i>Immunity, Inflammation and Disease</i> , 2022, 10, .	2.7	2
2165	ORGAN THERAPEUTICS DURING EX-SITU DYNAMIC PRESERVATION. A LOOK INTO THE FUTURE. , 2022, 1, 63-78.		2
2166	Effects of Creatine Monohydrate Supplementation in Renal Ischemia and Reperfusion Injury. <i>Anadolu KliniÄŸi Tıbbi Bilimleri Dergisi</i> , 0, , .	0.4	0
2167	Medical Devices Based on Nanozymes. <i>ACS Symposium Series</i> , 0, , 211-229.	0.5	0
2168	Intersection of the Ubiquitinâ€”Proteasome System with Oxidative Stress in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12197.	4.1	7
2169	Roles of peripheral immune cells in the recovery of neurological function after ischemic stroke. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	3.7	14

#	ARTICLE	IF	CITATIONS
2170	Lncrna FGD5-AS1 Aggravates Myocardial Ischemia-Reperfusion Injury by Sponging Mir-129-5p. Iranian Journal of Public Health, 0, , .	0.5	0
2171	Impact of preanalytical freezing delay time on the stability of metabolites in oral squamous cell carcinoma tissue samples. Metabolomics, 2022, 18, .	3.0	2
2172	rTFPI Protects Cardiomyocytes from Hypoxia/Reoxygenation Injury through Inhibiting Autophagy and the Class III PI3K/Beclin-1 Pathway. Cell Biochemistry and Biophysics, 2023, 81, 97-104.	1.8	1
2173	Regulatory effect of long-stranded non-coding RNA-CRNDE on neurodegeneration during retinal ischemia-reperfusion. Heliyon, 2022, 8, e10994.	3.2	2
2174	Severe delayed graft function in a living-related kidney transplant recipient due to combination of alloimmunity, autoimmunity, and heterologous immunity: A case report. Pediatric Transplantation, 0, , .	1.0	0
2175	Combined administration of membrane-permeable and impermeable iron-chelating drugs attenuates ischemia/reperfusion-induced hepatic injury. Free Radical Biology and Medicine, 2022, 193, 227-237.	2.9	2
2176	Dynamic inflammatory changes of the neurovascular units after ischemic stroke. Brain Research Bulletin, 2022, 190, 140-151.	3.0	5
2177	Promising hepatoprotective effects of lycopene in different liver diseases. Life Sciences, 2022, 310, 121131.	4.3	6
2178	Ischemic accumulation of succinate induces Cdc42 succinylation and inhibits neural stem cell proliferation after cerebral ischemia/reperfusion. Neural Regeneration Research, 2023, 18, 1040.	3.0	6
2179	Free radical as a double-edged sword in disease: Deriving strategic opportunities for nanotherapeutics. Coordination Chemistry Reviews, 2023, 475, 214875.	18.8	34
2180	Direct Ischemic Postconditioning After Carotid Endarterectomy in the Prevention of Postoperative Cerebral Ischemic Complicationsâ€”Observational Caseâ€”Control Study. Journal of Cardiovascular Pharmacology and Therapeutics, 2022, 27, 107424842211374.	2.0	2
2181	éŕâ€œæ»äºŒ2æ²»è„Œ™æŸš1/4âššèŒ°è€Œ,â€¦3ç—3/4ç—...çšš,è1/2-âCE-âCE»âŒŒ”ç©ŒŒ. Scientia Sinica Vitae, 2022, , .	0.3	0
2182	Targeting Ferroptosis as a Promising Therapeutic Strategy for Ischemia-Reperfusion Injury. Antioxidants, 2022, 11, 2196.	5.1	25
2183	Evaluation of testicular torsion management in Ogbomoso, South-Western Nigeria and surgical detorsion-augmented treatment with phytochemical fractions of Corchorus olitorius leaf in experimental rats. Saudi Journal of Biological Sciences, 2022, , 103495.	3.8	0
2184	Pyroptosis: A Newly Discovered Therapeutic Target for Ischemia-Reperfusion Injury. Biomolecules, 2022, 12, 1625.	4.0	11
2185	Evaluation of C-reactive protein as predictor of adverse prognosis in acute myocardial infarction after percutaneous coronary intervention: A systematic review and meta-analysis from 18,715 individuals. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	1
2186	Empagliflozin activates JAK2/STAT3 signaling and protects cardiomyocytes from hypoxia/reoxygenation injury under high glucose conditions. Journal of Thrombosis and Thrombolysis, 2023, 55, 116-125.	2.1	4
2187	MiR-144-5p/CCL12 Signaling Axis Modulates Ischemic Preconditioning-Mediated Cardio-protection by Reducing Cell Viability, Enhancing Cell Apoptosis, Fibrosis, and Pyroptosis. Applied Biochemistry and Biotechnology, 2023, 195, 1999-2014.	2.9	1

#	ARTICLE	IF	CITATIONS
2188	Ferroptosisâ€”A New Dawn in the Treatment of Organ Ischemiaâ€”Reperfusion Injury. <i>Cells</i> , 2022, 11, 3653.	4.1	17
2189	Exosomes as biomarkers and therapeutic measures for ischemic stroke. <i>European Journal of Pharmacology</i> , 2023, 939, 175477.	3.5	0
2190	Recent advances in nanomedicines for imaging and therapy of myocardial ischemia-reperfusion injury. <i>Journal of Controlled Release</i> , 2023, 353, 563-590.	9.9	11
2191	Subthreshold splenic nerve stimulation prevents myocardial Ischemia-Reperfusion injury via neuroimmunomodulation of proinflammatory factor levels. <i>International Immunopharmacology</i> , 2023, 114, 109522.	3.8	0
2192	Real-time visualization of the fluctuations in HOBr with AIE fluorescent probes during myocardial ischemia-reperfusion injury. <i>Chemical Communications</i> , 2023, 59, 1018-1021.	4.1	7
2193	Hibernation or Transformation? Challenges in Cardiovascular Drug Development. <i>Frontiers in Cardiovascular Drug Discovery</i> , 2022, , 102-140.	0.0	0
2194	Sleep Apnea and Cardiovascular Risk in Patients with Prediabetes and Type 2 Diabetes. <i>Nutrients</i> , 2022, 14, 4989.	4.1	11
2195	N6-methyladenosine-modified lncRNA and mRNA modification profiles in cerebral ischemia-reperfusion injury. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	5
2196	Physiology and Pathology of the Cardiovascular System. , 0, , .		1
2197	Gsk3 β regulates the resolution of liver ischemia/reperfusion injury via MerTK. <i>JCI Insight</i> , 2023, 8, .	5.0	5
2198	Hexafluoroisopropanol decreases liver ischemiaâ€”reperfusion injury by downregulation of high mobility group boxâ€”1 protein. <i>Pharmacology Research and Perspectives</i> , 2022, 10, .	2.4	0
2199	Divergent roles of PD-L1 in immune regulation during ischemiaâ€”reperfusion injury. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1
2200	Synthesis of protein vesicles for extending time window of ischemic stroke treatment through microcirculatory thrombolysis. <i>Chemical Engineering Journal</i> , 2023, 455, 140705.	12.7	7
2201	Intermittent thoracic resuscitative endovascular balloon occlusion of the aorta improves renal function compared to 60Âmin continuous application after porcine class III hemorrhage. <i>European Journal of Trauma and Emergency Surgery</i> , 0, , .	1.7	2
2202	Antioxidant Activity of <i>Urtica dioica</i> : An Important Property Contributing to Multiple Biological Activities. <i>Antioxidants</i> , 2022, 11, 2494.	5.1	10
2203	Potential Benefits of Lycopene Consumption: Rationale for Using It as an Adjuvant Treatment for Malaria Patients and in Several Diseases. <i>Nutrients</i> , 2022, 14, 5303.	4.1	3
2204	Targeting ferroptosis: a novel insight against myocardial infarction and ischemiaâ€”reperfusion injuries. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2023, 28, 108-123.	4.9	7
2205	Organ-on-a-chip: Its use in cardiovascular research. <i>Clinical Hemorheology and Microcirculation</i> , 2023, 83, 315-339.	1.7	2

#	ARTICLE	IF	CITATIONS
2206	The signaling pathways and therapeutic potential of itaconate to alleviate inflammation and oxidative stress in inflammatory diseases. <i>Redox Biology</i> , 2022, 58, 102553.	9.0	11
2207	Physiological relationship between cardiorespiratory fitness and fitness for surgery: a narrative review. <i>British Journal of Anaesthesia</i> , 2023, 130, 122-132.	3.4	5
2208	Novel protocol to establish the myocardial infarction model in rats using a combination of medetomidine-midazolam-butorphanol (MMB) and atipamezole. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	6
2209	The Role of Heme Oxygenase-1 as an Immunomodulator in Kidney Disease. <i>Antioxidants</i> , 2022, 11, 2454.	5.1	2
2210	Prolonging Cellular Life after Hypoxic Death. <i>New England Journal of Medicine</i> , 2022, 387, 2089-2091.	27.0	4
2211	Modulation of the intestinal bacterial flora: a viable strategy to alleviate acute mesenteric ischemia?. <i>Annals of Translational Medicine</i> , 2023, 11, 30-30.	1.7	1
2212	Protective effects of pomiferin isolated from <i>Maclura pomifera</i> on ischemia-reperfusion injury of rat ovary: biochemical and histopathologic evaluation. <i>International Journal of Research in Medical Sciences</i> , 0, , .	0.1	0
2213	Rat model of asphyxia-induced cardiac arrest and resuscitation. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	0
2214	How do phytocannabinoids affect cardiovascular health? An update on the most common cardiovascular diseases. <i>Therapeutic Advances in Chronic Disease</i> , 2023, 14, 204062232211432.	2.5	1
2215	Brush sign and collateral supply as potential markers of large infarct growth after successful thrombectomy. <i>European Radiology</i> , 2023, 33, 4502-4509.	4.5	2
2216	Novel, Innovative Models to Study Ischemia/Reperfusion-Related Redox Damage in Organ Transplantation. <i>Antioxidants</i> , 2023, 12, 31.	5.1	0
2217	Post-Cardiac Arrest: Mechanisms, Management, and Future Perspectives. <i>Journal of Clinical Medicine</i> , 2023, 12, 259.	2.4	12
2218	Inflammation balance in skeletal muscle damage and repair. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	15
2219	Protective effects of combined treatment with ciprofol and mild therapeutic hypothermia during cerebral ischemia-reperfusion injury. <i>World Journal of Clinical Cases</i> , 0, 11, 487-492.	0.8	2
2220	Protection of H ₂ S against Hypoxia/Reoxygenation Injury in Rat Hippocampal Neurons through Inhibiting Phosphorylation of ROCK2 at Thr436 and Ser575. <i>Pharmaceuticals</i> , 2023, 16, 218.	3.8	1
2221	Protective Effect of Oxygen and Isoflurane in Rodent Model of Intestinal Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2587.	4.1	4
2222	Endogenous stimulus-controlled estradiol@AIEgen-based covalent organic framework for reduction of myocardial ischemia/reperfusion injury. <i>Chemical Communications</i> , 2023, 59, 5122-5125.	4.1	3
2223	Interventional strategies for ischemic stroke based on the modulation of the gut microbiota. <i>Frontiers in Neuroscience</i> , 0, 17, .	2.8	1

#	ARTICLE	IF	CITATIONS
2224	Mitoglitazone ameliorates renal ischemia/reperfusion injury by inhibiting ferroptosis via targeting mitoNEET. <i>Toxicology and Applied Pharmacology</i> , 2023, 465, 116440.	2.8	12
2225	The potential therapeutic impacts of trehalose on cardiovascular diseases as the environmental-influenced disorders: An overview of contemporary findings. <i>Environmental Research</i> , 2023, 226, 115674.	7.5	1
2226	Comprehensive evaluation of the mechanism of <i>Gastrodia elata</i> Blume in ameliorating cerebral ischemiaâ€“reperfusion injury based on integrating fecal metabonomics and 16S rDNA sequencing. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	4
2227	Hydrogen sulfide and its donors for the treatment of cerebral ischaemia-reperfusion injury: A comprehensive review. <i>Biomedicine and Pharmacotherapy</i> , 2023, 161, 114506.	5.6	7
2228	Recent Advancements of Supramolecules in the Evolution of Cardiovascular Drugs. , 2022, , 179-209.		0
2229	Aging deteriorated liver Ischemia and reperfusion injury by suppressing Tribbleâ€™s proteins 1 mediated macrophage polarization. <i>Bioengineered</i> , 2022, 13, 14519-14533.	3.2	0
2230	Renal Ischemia Tolerance Mediated by eIF5A Hypusination Inhibition Is Regulated by a Specific Modulation of the Endoplasmic Reticulum Stress. <i>Cells</i> , 2023, 12, 409.	4.1	0
2231	Ketogenic Diet and Ketone Bodies against Ischemic Injury: Targets, Mechanisms, and Therapeutic Potential. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2576.	4.1	9
2232	Identification of the Subtypes of Renal Ischemia-Reperfusion Injury Based on Pyroptosis-Related Genes. <i>Biomolecules</i> , 2023, 13, 275.	4.0	1
2233	Inflammation, dysregulated iron metabolism, and cardiovascular disease. <i>Frontiers in Aging</i> , 0, 4, .	2.6	3
2234	Gasdermin D inhibition ameliorates neutrophil mediated brain damage in acute ischemic stroke. <i>Cell Death Discovery</i> , 2023, 9, .	4.7	4
2235	Carnosol inhibits cerebral ischemia-reperfusion injury by promoting AMPK activation. <i>Brain Research Bulletin</i> , 2023, 195, 37-46.	3.0	3
2236	Pre-Treatment of Transplant Donors with Hydrogen Sulfide to Protect against Warm and Cold Ischemia-Reperfusion Injury in Kidney and Other Transplantable Solid Organs. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3518.	4.1	2
2237	Changes of antioxidant enzymes in the kidney after cardiac arrest in the rat model. <i>Brazilian Journal of Medical and Biological Research</i> , 0, 56, .	1.5	1
2238	Hydrogel-mediated drug delivery for treating stroke. <i>Chinese Chemical Letters</i> , 2023, 34, 108205.	9.0	9
2239	Exosome-derived CIRP: An amplifier of inflammatory diseases. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	10
2240	Icariin protects cerebral neural cells from ischemiaâ€“reperfusion injury in an <i>inÂvitro</i> model by lowering ROS production and intracellular calcium concentration. <i>Experimental and Therapeutic Medicine</i> , 2023, 25, .	1.8	1
2241	Ceriaâ€“Based Therapeutic Antioxidants for Biomedical Applications. <i>Advanced Materials</i> , 2024, 36, .	21.0	14

#	ARTICLE	IF	CITATIONS
2242	Scutellarin ameliorates ischemia/reperfusion injury-induced cardiomyocyte apoptosis and cardiac dysfunction via inhibition of the cGAS-STING pathway. <i>Experimental and Therapeutic Medicine</i> , 2023, 25, .	1.8	5
2243	Systemic Changes in Endocannabinoids and Endocannabinoid-like Molecules in Response to Partial Nephrectomy-Induced Ischemia in Humans. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4216.	4.1	2
2244	Histone modification landscape and the key significance of H3K27me3 in myocardial ischaemia/reperfusion injury. <i>Science China Life Sciences</i> , 2023, 66, 1264-1279.	4.9	1
2245	Mesenchymal stem cells in ischemic tissue regeneration. <i>World Journal of Stem Cells</i> , 0, 15, 16-30.	2.8	3
2246	A lncRNA-encoded mitochondrial micropeptide exacerbates microglia-mediated neuroinflammation in retinal ischemia/reperfusion injury. <i>Cell Death and Disease</i> , 2023, 14, .	6.3	5
2247	Cyclosporine A-loaded apoferritin alleviates myocardial ischemia-reperfusion injury by simultaneously blocking ferroptosis and apoptosis of cardiomyocytes. <i>Acta Biomaterialia</i> , 2023, 160, 265-280.	8.3	4
2248	A Single Bout of Remote Ischemic Preconditioning Suppresses Ischemia-Reperfusion Injury in Asian Obese Young Men. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3915.	2.6	1
2252	Effect of a Combined Drug Approach on the Severity of Ischemia-Reperfusion Injury During Liver Transplant. <i>JAMA Network Open</i> , 2023, 6, e230819.	5.9	3
2253	Intraarterial Transplantation of Mitochondria After Ischemic Stroke Reduces Cerebral Infarction. , 0, , .		1
2254	Apolipoprotein E mimetic peptide COG1410 alleviates blood-brain barrier injury in a rat model of ischemic stroke. <i>Molecular Medicine Reports</i> , 2023, 27, .	2.4	2
2255	Tourniquet-induced ischemia creates increased risk of organ dysfunction and mortality following delayed limb amputation. <i>Injury</i> , 2023, 54, 1792-1803.	1.7	3
2256	Bioinspired nanoerythrocytes for metabolic microenvironment remodeling and long-term prognosis promoting of acute ischemic stroke. <i>Nano Today</i> , 2023, 49, 101806.	11.9	3
2257	Extracellular Vesicles: The Future of Diagnosis in Solid Organ Transplantation?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5102.	4.1	5
2258	Dual-specificity phosphatase 26-deficient neurons are susceptible to oxygen-glucose deprivation/reoxygenation-evoked apoptosis and proinflammatory response by affecting the TAK1-mediated JNK/P38 MAPK pathway. <i>International Immunopharmacology</i> , 2023, 117, 109980.	3.8	0
2259	Surviving without oxygen involves major tissue specific changes in the proteome of crucian carp (<i>Carassius carassius</i>). <i>PeerJ</i> , 0, 11, e14890.	2.0	3
2260	Platelet-Derived MicroRNAs Regulate Cardiac Remodeling After Myocardial Ischemia. <i>Circulation Research</i> , 2023, 132, .	4.5	8
2261	Association of admission neutrophil serine proteinases levels with the outcomes of acute ischemic stroke: a prospective cohort study. <i>Journal of Neuroinflammation</i> , 2023, 20, .	7.2	0
2262	Activation of immune signals during organ transplantation. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	17.1	17

#	ARTICLE	IF	CITATIONS
2263	Impacts of ischemic preconditioning in liver resection: systematic review with meta-analysis. International Journal of Surgery, 2023, 109, 1720-1727.	2.7	1
2264	Iron, ferroptosis, and ischemic stroke. Journal of Neurochemistry, 2023, 165, 487-520.	3.9	21
2265	Editorial: Molecular physiology of tissue adaptation to acute ischemic injury. Frontiers in Physiology, 0, 14, .	2.8	0
2266	Preventing ischemia-reperfusion injury by acousto-mechanical local oxygen delivery. Journal of Controlled Release, 2023, 356, 481-492.	9.9	6
2267	Microglial IL-1RA ameliorates brain injury after ischemic stroke by inhibiting astrocytic CXCL1 -mediated neutrophil recruitment and microvessel occlusion. Glia, 2023, 71, 1607-1625.	4.9	8
2269	The forkhead box O3 (FOXO3): a key player in the regulation of ischemia and reperfusion injury. Cellular and Molecular Life Sciences, 2023, 80, .	5.4	1
2270	UNCONTROLLED DONATION AFTER CIRCULATORY DEATH: A BY-PRODUCT OF THE CONTROLLED? A NARRATIVE REVIEW. , 2023, 1, 136-142.		1
2271	TMA in Kidney Transplantation. Transplantation, 2023, 107, 2329-2340.	1.0	3
2272	Exosomes derived from human dental pulp stem cells increase flap survival with ischemia-reperfusion injuries. Regenerative Medicine, 2023, 18, 313-327.	1.7	3
2273	Effect of ischemic preconditioning on skeletal tissue tolerance after warm venous ischemia. Annales De Chirurgie Plastique Et Esthetique, 2023, , .	0.6	0
2274	A review on experimental surgical models and anesthetic protocols of heart failure in rats. Frontiers in Veterinary Science, 0, 10, .	2.2	6
2275	Neuroprotection of NAD ⁺ and NBP against ischemia/reperfusion brain injury is associated with restoration of sirtuin-regulated metabolic homeostasis. Frontiers in Pharmacology, 0, 14, .	3.5	1
2276	Thromboinflammatory response is increased in pancreas transplant alone versus simultaneous pancreas-kidney transplantation and early pancreas graft thrombosis is associated with complement activation. Frontiers in Immunology, 0, 14, .	4.8	2
2277	Failure of Costimulatory Blockade-induced Regulatory T Cells to Sustain Long-Term Survival of High Ischemic Allografts. Transplantation, 0, Publish Ahead of Print, .	1.0	0
2278	Nanozyme-Based Regulation of Cellular Metabolism and Their Applications. Advanced Materials, 2024, 36, .	21.0	7
2279	Identification of a Selective SCoR2 Inhibitor That Protects Against Acute Kidney Injury. Journal of Medicinal Chemistry, 0, , .	6.4	0
2280	Imbalance of Essential Metals in Traumatic Brain Injury and Its Possible Link with Disorders of Consciousness. International Journal of Molecular Sciences, 2023, 24, 6867.	4.1	4
2281	Typhaneoside-Tetrahedral Framework Nucleic Acids System: Mitochondrial Recovery and Antioxidation for Acute Kidney Injury treatment. ACS Nano, 2023, 17, 8767-8781.	14.6	35

#	ARTICLE	IF	CITATIONS
2282	High-frequency repetitive transcranial magnetic stimulation protects against cerebral ischemia/reperfusion injury in rats: Involving the mitigation of ferroptosis and inflammation. <i>Brain and Behavior</i> , 2023, 13, .	2.2	2
2283	Asialo-rhuEPO as a Potential Neuroprotectant for Ischemic Stroke Treatment. <i>Pharmaceuticals</i> , 2023, 16, 610.	3.8	0
2284	A randomized-controlled trial of ischemia-free liver transplantation for end-stage liver disease. <i>Journal of Hepatology</i> , 2023, 79, 394-402.	3.7	13
2285	Sulforaphane alleviates lung ischemia-reperfusion injury through activating Nrf2/HO1 signaling. <i>Experimental and Therapeutic Medicine</i> , 2023, 25, .	1.8	0
2286	Using Laser Speckle Contrast Imaging to Quantify Perfusion Quality in Kidney and Pancreas Grafts on Vascular Reperfusion: A Proof-of-Principle Study. <i>Transplantation Direct</i> , 2023, 9, e1472.	1.6	0
2287	Ginkgolide C attenuates cerebral ischemia/reperfusion-induced inflammatory impairments by suppressing CD40/NF- κ B pathway. <i>Journal of Ethnopharmacology</i> , 2023, 312, 116537.	4.1	2
2289	Mesoporous Hollow Manganese Doped Ceria Nanoparticle for Effectively Prevention of Hepatic Ischemia Reperfusion Injury. <i>International Journal of Nanomedicine</i> , 0, Volume 18, 2225-2238.	6.7	1
2290	Exploiting synergistic effect of CO/NO gases for soft tissue transplantation using a hydrogel patch. <i>Nature Communications</i> , 2023, 14, .	12.8	8
2291	The key mediators involved in myocardial endoplasmic reticulum stress induced by ischaemia reperfusion injury in rats. <i>European Journal of Inflammation</i> , 2023, 21, 1721727X2311731.	0.5	0
2292	Microvascular Leakage as Therapeutic Target for Ischemia and Reperfusion Injury. <i>Cells</i> , 2023, 12, 1345.	4.1	5
2293	Sodium thiosulfate refuels the hepatic antioxidant pool reducing ischemia-reperfusion-induced liver injury. <i>Free Radical Biology and Medicine</i> , 2023, 204, 151-160.	2.9	1
2294	Current Evidence and Future Perspectives to Implement Continuous and End-Ischemic Use of Normothermic and Oxygenated Hypothermic Machine Perfusion in Clinical Practice. <i>Journal of Clinical Medicine</i> , 2023, 12, 3207.	2.4	2
2295	Mesenchymal stem cell-derived exosomes in cardiovascular and cerebrovascular diseases: From mechanisms to therapy. <i>Biomedicine and Pharmacotherapy</i> , 2023, 163, 114817.	5.6	6
2296	Dynamic Reversible MRI Nanoprobe for Continuous Imaging Redox Homeostasis in Hepatic Ischemia-Reperfusion Injury. <i>ACS Nano</i> , 2023, 17, 9529-9542.	14.6	5
2297	Periosteum-derived mesenchymal stem cell alleviates renal fibrosis through mTOR-mediated Treg differentiation. <i>Renal Failure</i> , 2023, 45, .	2.1	1
2298	Transcriptome analysis of novel macrophage M1-related biomarkers and potential therapeutic agents in ischemia-reperfusion injury after lung transplantation based on the WGCNA and CIBERSORT algorithms. <i>Transplant Immunology</i> , 2023, 79, 101860.	1.2	2
2299	Development and Recovery of Liver Injury in Piglets by Incremental Injection of LPS. <i>Antioxidants</i> , 2023, 12, 1143.	5.1	1
2300	Extracellular ATP accelerates cell death and decreases tight junction protein ZO-1 in hypoxic cochlear stria marginal cells in neonatal rats. <i>Cellular Signalling</i> , 2023, 108, 110732.	3.6	1

#	ARTICLE	IF	CITATIONS
2301	Advance in topical biomaterials and mechanisms for the intervention of pressure injury. IScience, 2023, 26, 106956.	4.1	1
2302	More than skin deep: cyclic peptides as wound healing and cytoprotective compounds. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	3
2303	Inhibition of Gap Junction Formation Prior to Implantation of Bone Marrow-Derived Mesenchymal Cells Improves Function in the Ischemic Myocardium. International Journal of Molecular Sciences, 2023, 24, 9653.	4.1	0
2304	Role of G-protein coupled receptors in cardiovascular diseases. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	2
2305	Enhanced brain delivery of hypoxia-sensitive liposomes by hydroxyurea for rescue therapy of hyperacute ischemic stroke. Nanoscale, 0, , .	5.6	2
2306	Exploration of Optimal pH in Hypothermic Machine Perfusion for Rat Liver Grafts Retrieved after Circulatory Death. Journal of Clinical Medicine, 2023, 12, 3845.	2.4	0
2308	Succinate pretreatment attenuates intestinal ischemia-reperfusion injury by inhibiting necroptosis and inflammation via upregulating Klf4. International Immunopharmacology, 2023, 120, 110425.	3.8	0
2309	Targeting myocardial equilibrative nucleoside transporter ENT1 provides cardioprotection by enhancing myeloid Adora2b signaling. JCI Insight, 2023, 8, .	5.0	5
2310	Viscosity-responsive NIR-II fluorescent probe with aggregation-induced emission features for early diagnosis of liver injury. Biomaterials, 2023, 300, 122190.	11.4	8
2311	Application of Nanotechnology-Based Products in Stroke. ACS Chemical Neuroscience, 2023, 14, 2405-2415.	3.5	5
2312	Enriched environment as a nonpharmacological neuroprotective strategy. Experimental Biology and Medicine, 2023, 248, 553-560.	2.4	0
2313	IL-38 attenuates myocardial ischemia-reperfusion injury by inhibiting macrophage inflammation. Immunity, Inflammation and Disease, 2023, 11, .	2.7	4
2314	Young Sca-1+ bone marrow stem cell-derived exosomes preserve visual function via the miR-150-5p/MEKK3/JNK/c-Jun pathway to reduce M1 microglial polarization. Journal of Nanobiotechnology, 2023, 21, .	9.1	2
2315	Phenylboronic Ester-Bridged Chitosan/Myricetin Nanomicelle for Penetrating the Endothelial Barrier and Regulating Macrophage Polarization and Inflammation against Ischemic Diseases. ACS Biomaterials Science and Engineering, 0, , .	5.2	1
2316	16 α -OHE1, a novel oestrogen metabolite, attenuates dysfunction of left ventricle contractility via regulation of autophagy after myocardial ischemia and reperfusion. International Journal of Cardiology, 2023, 388, 131123.	1.7	3
2317	Importance of DJ-1 in autophagy regulation and disease. Archives of Biochemistry and Biophysics, 2023, 743, 109672.	3.0	0
2318	The Protective Effect of Nutraceuticals on Hepatic Ischemia-Reperfusion Injury in Wistar Rats. International Journal of Molecular Sciences, 2023, 24, 10264.	4.1	0
2319	Inflammation and coagulation abnormalities via the activation of the HMGB1-RAGE/NF- κ B and F2/RhoA pathways in lung injury induced by acute hypoxia. International Journal of Molecular Medicine, 2023, 52, .	4.0	1

#	ARTICLE	IF	CITATIONS
2320	Effect of trehalose on heart functions in rats model after myocardial infarction: assessment of novel intraventricular pressure and heart rate variability. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	2.4	4
2321	Renal tissue engineering for regenerative medicine using polymers and hydrogels. <i>Biomaterials Science</i> , 2023, 11, 5706-5726.	5.4	2
2322	Myocardialâ€Targeting Tannic Cerium Nanocatalyst Attenuates Ischemia/Reperfusion Injury. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	13.8	4
2323	Intravenous Polyethylene Glycol Alleviates Intestinal Ischemia-Reperfusion Injury in a Rodent Model. <i>International Journal of Molecular Sciences</i> , 2023, 24, 10775.	4.1	0
2324	Evaluation of the efficacy of HEMO2lifeÂ®, a marine OXYgen carrier for Organ Preservation (OxyOp2) in renal transplantation: study protocol for a multicenter randomized trial. <i>Trials</i> , 2023, 24, .	1.6	1
2325	Zooming in and out of ferroptosis in human disease. <i>Frontiers of Medicine</i> , 2023, 17, 173-206.	3.4	14
2326	Ischemic postconditioning protects against acute kidney injury after limb ischemia reperfusion by regulating HMGB1 release and autophagy. <i>Renal Failure</i> , 2023, 45, .	2.1	0
2327	Nanoemulsions of Hydroxysafflor Yellow A for Enhancing Physicochemical and In Vivo Performance. <i>International Journal of Molecular Sciences</i> , 2023, 24, 8658.	4.1	0
2328	The Intriguing Role of Hypoxia-Inducible Factor in Myocardial Ischemia and Reperfusion: A Comprehensive Review. <i>Journal of Cardiovascular Development and Disease</i> , 2023, 10, 215.	1.6	2
2329	<scp>FTO</scp> represses <scp>NLRP3</scp>â€mediated pyroptosis and alleviates myocardial ischemiaâ€reperfusion injury via inhibiting <scp>CBL</scp>â€mediated ubiquitination and degradation of Î²â€catenin. <i>FASEB Journal</i> , 2023, 37, .	0.5	3
2330	Uncovering Endoplasmic Reticulum Superoxide Regulating Hepatic Ischemia-Reperfusion Injury by Dynamic Reversible Fluorescence Imaging. <i>Analytical Chemistry</i> , 2023, 95, 8367-8375.	6.5	2
2331	Severe muscle damage after a short period of ischemia and reperfusion in an animal model. <i>Surgery</i> , 2023, 174, 363-368.	1.9	2
2332	Evaluation of renal cold ischemiaâ€reperfusion injury with intravoxel incoherent motion diffusion-weighted imaging and blood oxygenation level-dependent MRI in a rat model. <i>Frontiers in Physiology</i> , 0, 14, .	2.8	1
2333	Targeting neuronal mitophagy in ischemic stroke: an update. <i>Burns and Trauma</i> , 2023, 11, .	4.9	1
2334	Interplay of hypoxia-inducible factors and oxygen therapy in cardiovascular medicine. <i>Nature Reviews Cardiology</i> , 2023, 20, 723-737.	13.7	7
2335	An In Silico Analysis Reveals Sustained Upregulation of Neuroprotective Genes in the Post-Stroke Human Brain. <i>Brain Sciences</i> , 2023, 13, 986.	2.3	0
2336	Myocardialâ€Targeting Tannic Cerium Nanocatalyst Attenuates Ischemia/Reperfusion Injury. <i>Angewandte Chemie</i> , 2023, 135, .	2.0	2
2337	Inhibition of pyruvate dehydrogenase kinase 4 ameliorates kidney ischemia-reperfusion injury by reducing succinate accumulation during ischemia and preserving mitochondrial function during reperfusion. <i>Kidney International</i> , 2023, 104, 724-739.	5.2	5

#	ARTICLE	IF	CITATIONS
2338	Hypoxia-stabilized RIPK1 promotes cell death. <i>Nature Cell Biology</i> , 2023, 25, 921-922.	10.3	1
2339	Prolonged hypoxia alleviates prolyl hydroxylation-mediated suppression of RIPK1 to promote necroptosis and inflammation. <i>Nature Cell Biology</i> , 2023, 25, 950-962.	10.3	7
2340	Sulforaphane protects microvascular endothelial cells in lower limb ischemia/reperfusion injury mice. <i>Food and Function</i> , 0, , .	4.6	0
2341	Neuroprotection of Î²-caryophyllene against cerebral ischemia/reperfusion injury by inhibiting P38 MAPK/NLRP3 signaling pathway. <i>NeuroReport</i> , 2023, 34, 617-623.	1.2	0
2343	The conducted vasomotor response and the principles of electrical communication in resistance arteries. <i>Physiological Reviews</i> , 2024, 104, 33-84.	28.8	2
2344	Preserving and enhancing mitochondrial function after stroke to protect and repair the neurovascular unit: novel opportunities for nanoparticle-based drug delivery. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	3.7	0
2345	Inhibitors of NLRP3 Inflammasome in Ischemic Heart Disease: Focus on Functional and Redox Aspects. <i>Antioxidants</i> , 2023, 12, 1396.	5.1	5
2346	Melatonin Preserves Fluidity in Cell and Mitochondrial Membranes against Hepatic Ischemiaâ€“Reperfusion. <i>Biomedicines</i> , 2023, 11, 1940.	3.2	0
2347	Mitogen activated protein kinase phosphatase 5 alleviates liver ischemiaâ€“reperfusion injury by inhibiting TAK1/JNK/p38 pathway. <i>Scientific Reports</i> , 2023, 13, .	3.3	2
2349	GADD45A and GADD45B as Novel Biomarkers Associated with Chromatin Regulators in Renal Ischemia-Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 11304.	4.1	2
2350	Oxidants and Antioxidants Interplay in the Modulation of Inflammation and Cardiovascular Disease. , 2023, , 112-127.		0
2352	Mechanisms of Cold Preservation and Reperfusion Injury for Solid Organ Transplantation: Implications for Partial Heart Transplantations. <i>Transplantology</i> , 2023, 4, 124-138.	0.6	0
2353	An Overview of Chemistry, Kinetics, Toxicity and Therapeutic Potential of Boldine in Neurological Disorders. <i>Neurochemical Research</i> , 0, , .	3.3	0
2354	Intrarenal Anti-Leptin Treatment Attenuates Ischemia and Reperfusion Injury. <i>American Journal of Nephrology</i> , 2023, 54, 337-348.	3.1	1
2355	Overexpression of FSP1 Ameliorates ferroptosis via PI3K/ AKT /GSK3Î² pathway in PC12 cells with Oxygen-Glucose Deprivation/Reoxygenation. <i>Heliyon</i> , 2023, 9, e18449.	3.2	0
2356	Genetic Modulation: Future Trends Toward Graft Optimization During Machine Perfusion. <i>Transplantation</i> , 2024, 108, 614-624.	1.0	1
2357	Chitosan oligosaccharide attenuates acute kidney injury and renal interstitial fibrosis induced by ischemia-reperfusion. <i>Renal Failure</i> , 2023, 45, .	2.1	1
2358	Role of extracellular vesicles in pathogenesis and therapy of renal ischemia-reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2023, 165, 115229.	5.6	1

#	ARTICLE	IF	CITATIONS
2359	The role of pyruvate-induced enhancement of oxygen metabolism in extracellular purinergic signaling in the post-cardiac arrest rat model. <i>Purinergic Signalling</i> , 0, , .	2.2	1
2360	The role of PI3K/AKT signaling pathway in myocardial ischemia-reperfusion injury. <i>International Immunopharmacology</i> , 2023, 123, 110714.	3.8	8
2361	Interleukin-34-NF- κ B signaling aggravates myocardial ischemic/reperfusion injury by facilitating macrophage recruitment and polarization. <i>EBioMedicine</i> , 2023, 95, 104744.	6.1	9
2362	R-(+)-WIN55212-2 protects pericytes from ischemic damage and restores retinal microcirculatory patency after ischemia/reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2023, 166, 115197.	5.6	0
2364	Reduced levels of A20 protein prompted RIPK1-dependent apoptosis and blood-brain barrier breakdown during cerebral ischemia reperfusion injury. <i>PLoS ONE</i> , 2023, 18, e0290015.	2.5	0
2365	Properdin inhibition ameliorates hepatic ischemia/reperfusion injury without interfering with liver regeneration in mice. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	0
2366	Physiopathological role of extracellular vesicles in alloimmunity and kidney transplantation and their use as biomarkers. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
2367	USP25 Inhibits Neuroinflammatory Responses After Cerebral Ischemic Stroke by Deubiquitinating TAB2. <i>Advanced Science</i> , 2023, 10, .	11.2	0
2368	Ultra-early rt-PA administration should improve patient outcome on mechanical thrombectomy: Post hoc analysis of SKIP. <i>Journal of the Neurological Sciences</i> , 2023, 453, 120772.	0.6	0
2369	Nekroptozis: Serebral ve Miyokardiyal İskemi/Reperfüzyon Hasarına İlişin Terapötik bir Hedef midir?. <i>Harran Üniversitesi Tıp Fakültesi Dergisi</i> , 0, , 451-462.	0.3	0
2370	Infection and Potential Challenge of Childhood Mortality in Sickle Cell Disease: A Comprehensive Review of the Literature from a Global Perspective. <i>Thalassemia Reports</i> , 2023, 13, 206-229.	0.5	2
2371	Dexmedetomidine attenuates myocardial ischemia-reperfusion injury in hyperlipidemic rats by inhibiting inflammation, oxidative stress and NF- κ B. <i>Chemical Biology and Drug Design</i> , 2023, 102, 1176-1185.	3.2	0
2372	Emerging Roles of Phospholipase C Beta Isozymes as Potential Biomarkers in Cardiac Disorders. <i>International Journal of Molecular Sciences</i> , 2023, 24, 13096.	4.1	0
2373	Sustained and intermittent hypoxia differentially modulate primary monocyte immunothrombotic responses to IL-1 β stimulation. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
2374	Bioactive Indole Alkaloid from <i>Aspergillus amoenus</i> TJ507 That Ameliorates Hepatic Ischemia/Reperfusion Injury. <i>Journal of Natural Products</i> , 2023, 86, 2059-2064.	3.0	0
2375	Isolation, culture, and delivery considerations for the use of mesenchymal stem cells in potential therapies for acute liver failure. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	0
2376	Mechanosensitive Piezo1 channel in physiology and pathophysiology of the central nervous system. <i>Ageing Research Reviews</i> , 2023, 90, 102026.	10.9	1
2377	Emerging significance and therapeutic targets of ferroptosis: a potential avenue for human kidney diseases. <i>Cell Death and Disease</i> , 2023, 14, .	6.3	4

#	ARTICLE	IF	CITATIONS
2378	Network pharmacology analysis combined with experimental validation to explore the therapeutic mechanism of salidroside on intestine ischemia reperfusion. <i>Bioscience Reports</i> , 2023, 43, .	2.4	3
2379	Mechanism of <scp>DYRK1a</scp> in myocardial ischemiaâ€“reperfusion injury by regulating ferroptosis of cardiomyocytes. <i>Kaohsiung Journal of Medical Sciences</i> , 2023, 39, 1190-1199.	1.9	0
2380	PLAC8-Mediated Activation of NOX4 Signalling Restores Angiogenic Function of Endothelial Colony-Forming Cells in Experimental Hypoxia. <i>Cells</i> , 2023, 12, 2220.	4.1	0
2381	Sodium Thiosulfate in AcuteÂ“MyocardialÂ“Infarction. <i>JACC Basic To Translational Science</i> , 2023, 8, 1285-1294.	4.1	0
2382	Neurovascular Inflammation and Complications of Thrombolysis Therapy in Stroke. <i>Stroke</i> , 2023, 54, 2688-2697.	2.0	2
2383	Updates on the Immune Cell Basis of Hepatic Ischemia-Reperfusion Injury. <i>Molecules and Cells</i> , 2023, 46, 527-534.	2.6	0
2384	GSK-3Î± aggravates inflammation, metabolic derangement, and cardiac injury post-ischemia/reperfusion. <i>Journal of Molecular Medicine</i> , 2023, 101, 1379-1396.	3.9	2
2385	Succinate metabolism: a promising therapeutic target for inflammation, ischemia/reperfusion injury and cancer. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	3.7	1
2386	Resveratrol reduces ROS-induced ferroptosis by activating SIRT3 and compensating the GSH/GPX4 pathway. <i>Molecular Medicine</i> , 2023, 29, .	4.4	4
2387	Jet Lavage Irrigation Resolves Stage 4 Pelvic Pressure Injury Undermining. <i>Advances in Skin and Wound Care</i> , 2023, 36, 441-446.	1.0	0
2388	12/15-lipoxygenase inhibition attenuates neuroinflammation by suppressing inflammasomes. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	3.7	1
2389	GSDMD promotes neutrophil extracellular traps via mtDNA-cGAS-STING pathway during lung ischemia/reperfusion. <i>Cell Death Discovery</i> , 2023, 9, .	4.7	1
2390	Sex-Specific Protection of Endothelial Function after Vascular Ischemia/Reperfusion Injury by the Senomorphic Agent Ruxolitinib. <i>International Journal of Molecular Sciences</i> , 2023, 24, 11727.	4.1	3
2391	Development and Validation of Robust Ferroptosis-Related Genes in Myocardial Ischemia-Reperfusion Injury. <i>Journal of Cardiovascular Development and Disease</i> , 2023, 10, 344.	1.6	1
2392	The Relationship between Mitochondria and Ischemia-Reperfusion Injury and the Research Progress in Kidney Transplantation. <i>Advances in Clinical Medicine</i> , 2023, 13, 13221-13228.	0.0	0
2393	Crosstalk among Reactive Oxygen Species, Autophagy and Metabolism in Myocardial Ischemia and Reperfusion Stages. , 2023, .		0
2394	Direct real-time measurements of superoxide release from skeletal muscles in rat limbs and human blood platelets using an implantable Cytochrome C microbiosensor. <i>Biosensors and Bioelectronics</i> , 2023, 240, 115664.	10.1	2
2395	Hyperoxia Increases Kidney Injury During Renal Ischemia and Reperfusion in Mice. <i>Anesthesia and Analgesia</i> , 2023, 137, 996-1006.	2.2	1

#	ARTICLE	IF	CITATIONS
2396	Pleiotropic Microenvironment Remodeling Micelles for Cerebral Ischemia-Reperfusion Injury Therapy by Inhibiting Neuronal Ferroptosis and Glial Overactivation. <i>ACS Nano</i> , 2023, 17, 18164-18177.	14.6	1
2397	Protective effect of Cornuside on OGD/R injury in SH-SY5Y cells and its underlying mechanism. <i>Brain Research</i> , 2023, 1821, 148585.	2.2	0
2398	N-Acetyl cysteine amide and cerium oxide nanoparticles as a drug delivery for ischemic stroke treatment: Inflammation and oxidative stress crosstalk. <i>Journal of Trace Elements in Medicine and Biology</i> , 2023, 80, 127300.	3.0	0
2399	Early Growth Response 1 Contributes to Renal IR Injury by Inducing Proximal Tubular Cell Apoptosis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 14295.	4.1	0
2400	Hypoxic mesenchymal stem cell-derived exosomes promote the survival of skin flaps after ischaemiaâ€“reperfusion injury via mTOR/ULK1/FUNDC1 pathways. <i>Journal of Nanobiotechnology</i> , 2023, 21, .	9.1	4
2401	Hepatic ischemia-reperfusion syndrome and its effect on the cardiovascular system: The role of treprostinil, a synthetic prostacyclin analog. <i>World Journal of Gastrointestinal Surgery</i> , 0, 15, 1858-1870.	1.5	0
2402	Recent advances in targeted nanoparticle drug delivery systems for ischaemic stroke. <i>Materials Advances</i> , 2023, 4, 5003-5017.	5.4	0
2403	INT-767â€“A Dual Farnesoid-X Receptor (FXR) and Takeda G Protein-Coupled Receptor-5 (TGR5) Agonist Improves Survival in Rats and Attenuates Intestinal Ischemia Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2023, 24, 14881.	4.1	1
2404	Splenic monocytes mediate inflammatory response and exacerbate myocardial ischemia/reperfusion injury in a mitochondrial cell-free DNA-TLR9-NLRP3-dependent fashion. <i>Basic Research in Cardiology</i> , 2023, 118, .	5.9	2
2406	Targeting Rev-Erb1± to protect against ischemia-reperfusion-induced acute lung injury in rats. <i>Respiratory Research</i> , 2023, 24, .	3.6	0
2407	Targeting Neurogenesis in Seeking Novel Treatments for Ischemic Stroke. <i>Biomedicines</i> , 2023, 11, 2773.	3.2	1
2408	Teratogenicity and Reactive Oxygen Species after transient embryonic hypoxia: Experimental and clinical evidence with focus on drugs causing failed abortion in humans. <i>Reproductive Toxicology</i> , 2023, 122, 108488.	2.9	1
2409	Identification of signature genes for renal ischemiaâ€“reperfusion injury based on machine learning and WGCNA. <i>Heliyon</i> , 2023, 9, e21151.	3.2	0
2410	Neuroprotection Is in the Airâ€“Inhaled Gases on Their Way to the Neurons. <i>Cells</i> , 2023, 12, 2480.	4.1	1
2411	Insulin-induced gene 2 protects against hepatic ischemiaâ€“reperfusion injury via metabolic remodeling. <i>Journal of Translational Medicine</i> , 2023, 21, .	4.4	0
2413	Li, P HY-021068 alleviates cerebral ischemia-reperfusion injury by inhibiting NLRP1 inflammasome and restoring autophagy function in mice. <i>Experimental Neurology</i> , 2023, , 114583.	4.1	0
2414	A Severe Clinical Example of Hypoxia; Sick Cell Anemia. , 0, , .		0
2415	A guide to ferroptosis, the biological rust of cellular membranes. <i>FEBS Journal</i> , 0, , .	4.7	1

#	ARTICLE	IF	CITATIONS
2416	Pharmacological inhibition of the cysteine protease cathepsin C improves graft function after heart transplantation in rats. <i>Journal of Translational Medicine</i> , 2023, 21, .	4.4	0
2417	Shexiang Tongxin Dropping Pretreated Mesenchymal Stem Cells-derived Exosomes Attenuate Cardiac Ischemia/Reperfusion Injury by Modulating miR-182-5p and miR-199a-3p-mediated Inflammatory Responses. <i>Pharmacognosy Magazine</i> , 0, , .	0.6	0
2418	Hypoxia-induced signaling in the cardiovascular system: pathogenesis and therapeutic targets. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	17.1	2
2419	Heart graft preservation technics and limits: an update and perspectives. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	2.4	0
2420	Targeting NF- κ B in Hepatic Ischemiaâ€“Reperfusion Alleviation: from Signaling Networks to Therapeutic Targeting. <i>Molecular Neurobiology</i> , 0, , .	4.0	0
2421	Pathogenesis-adaptive polydopamine nanosystem for sequential therapy of ischemic stroke. <i>Nature Communications</i> , 2023, 14, .	12.8	1
2422	From Stress to Sick(le) and Back Againâ€“Oxidative/Antioxidant Mechanisms, Genetic Modulation, and Cerebrovascular Disease in Children with Sickle Cell Anemia. <i>Antioxidants</i> , 2023, 12, 1977.	5.1	1
2424	Molecular mechanism of NR4A1/MDM2/P53 signaling pathway regulation inducing ferroptosis in renal tubular epithelial cells involved in the progression of renal ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, , 166968.	3.8	2
2425	Single-cell RNA sequencing unveils Lrg1's role in cerebral ischemiaâ€“reperfusion injury by modulating various cells. <i>Journal of Neuroinflammation</i> , 2023, 20, .	7.2	0
2426	Metabolipidomic Analysis in Patients with Obstructive Sleep Apnea Discloses a Circulating Metabotype of Non-Dipping Blood Pressure. <i>Antioxidants</i> , 2023, 12, 2047.	5.1	1
2427	The <sc>miRâ€“17â€“92</sc> cluster in cardiac health and disease. <i>Birth Defects Research</i> , 2024, 116, .	1.5	1
2428	Hydrolytic Activity of Mitochondrial F ₁ F _O -ATP Synthase as a Target for Myocardial Ischemiaâ€“Reperfusion Injury: Discovery and <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Novel Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 15115-15140.	6.4	0
2429	circRNA-miRNA-mRNA Deregulated Network in Ischemic Heart Failure Patients. <i>Cells</i> , 2023, 12, 2578.	4.1	0
2430	Role of calpain-5 in cerebral ischemia and reperfusion injury. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2024, 1868, 130506.	2.4	0
2431	Panax notoginseng: derived exosome-like nanoparticles attenuate ischemia reperfusion injury via altering microglia polarization. <i>Journal of Nanobiotechnology</i> , 2023, 21, .	9.1	1
2432	Retinal ischemia-reperfusion injury induces intense lipid synthesis and remodeling. <i>Biochemical and Biophysical Research Communications</i> , 2023, 689, 149232.	2.1	0
2433	Pharmacokinetic evaluation of oxaliplatin combined with S-1 (SOX) chemotherapy in a rat model of colorectal cancer with acute kidney injury: predictive renal biomarkers for dose optimisation. <i>Xenobiotica</i> , 2023, 53, 613-620.	1.1	0
2434	A bibliometric and visualized analysis of hepatic ischemia-reperfusion injury (HIRI) from 2002 to 2021. <i>Heliyon</i> , 2023, 9, e22644.	3.2	0

#	ARTICLE	IF	CITATIONS
2435	Enâbutyl haloperidol iodide mediates cardioprotection via regulating AMPK/FoxO1 signalling. Journal of Cellular and Molecular Medicine, 0, , .	3.6	0
2436	The distribution of purinergic receptors, P2Y and P2X, expression within the intestine. American Journal of Physiology - Renal Physiology, 0, , .	3.4	0
2437	Advancement in Reperfusion Injury Awareness and Mitigation. , 0, , .		0
2439	The Role of Normothermic Machine Perfusion in Extended Criteria Donor Grafts: A New Direction in Liver Graft Assessment and Preservation. Livers, 2023, 3, 709-726.	1.9	1
2440	Goal-directed colloid versus crystalloid therapy and microcirculatory blood flow following ischemia/reperfusion. Microvascular Research, 2024, 152, 104630.	2.5	0
2441	Ischemiaâ€Reperfusion Injury: Molecular Mechanisms of Pathogenesis and Methods of Their Correction. Molecular Biology, 2023, 57, 1143-1164.	1.3	2
2442	Principle and design of clinical efficacy observation of extracorporeal cardiac shock wave therapy for patients with myocardial ischemia-reperfusion injury: A prospective randomized controlled trial protocol. PLoS ONE, 2023, 18, e0294060.	2.5	0
2443	Neuroprotective Effects and Therapeutic Potential of Dichloroacetate: Targeting Metabolic Disorders in Nervous System Diseases. International Journal of Nanomedicine, 0, Volume 18, 7559-7581.	6.7	0
2444	Local Postoperative Graft Inflammation in Pancreas Transplant Patients With Early Graft Thrombosis. Transplantation Direct, 2024, 10, e1567.	1.6	0
2445	Tissue Injury Protection: The Other Face of Anticoagulant Treatments in the Context of Ischemia and Reperfusion Injury with a Focus on Transplantation. International Journal of Molecular Sciences, 2023, 24, 17491.	4.1	0
2446	Treatment of Refractory Cardiac Arrest by Controlled Reperfusion of the Whole Body: A Multicenter, Prospective Observational Study. Journal of Clinical Medicine, 2024, 13, 56.	2.4	0
2447	Antioxidant and Anti-Inflammatory Effects of Garlic in Ischemic Stroke: Proposal of a New Mechanism of Protection through Regulation of Neuroplasticity. Antioxidants, 2023, 12, 2126.	5.1	0
2449	Supramolecular self-assembled nanoparticles camouflaged with neutrophil membrane to mitigate myocardial ischemia/reperfusion (I/R) injury. Chemical Engineering Journal, 2024, 480, 148138.	12.7	0
2450	Normobaric hyperoxia therapy in acute ischemic stroke: A literature review. Heliyon, 2024, 10, e23744.	3.2	0
2451	Setanaxib mitigates oxidative damage following retinal ischemia-reperfusion via NOX1 and NOX4 inhibition in retinal ganglion cells. Biomedicine and Pharmacotherapy, 2024, 170, 116042.	5.6	0
2452	Targeting hypoxia-inducible factors: therapeutic opportunities and challenges. Nature Reviews Drug Discovery, 2024, 23, 175-200.	46.4	1
2453	Study on the biological properties of SMILE-derived corneal stromal lenticules after long-term cryopreservation in nutrient capsules. Experimental Eye Research, 2024, 239, 109756.	2.6	0
2455	Reactive Oxygen Species Scavenging Nanozymes: Emerging Therapeutics for Acute Liver Injury Alleviation. International Journal of Nanomedicine, 0, Volume 18, 7901-7922.	6.7	0

#	ARTICLE	IF	CITATIONS
2456	Dynaminâ€related protein 1 is a critical regulator of mitochondrial calcium homeostasis during myocardial ischemia/reperfusion injury. FASEB Journal, 2024, 38, .	0.5	0
2457	Immune rejection: current understanding and new solutions. , 0, 66, 217-227.		0
2458	MiR-30c-5p-Targeted Regulation of GNAI2 Improves Neural Function Injury and Inflammation in Cerebral Ischemia-Reperfusion Injury. Applied Biochemistry and Biotechnology, 0, , .	2.9	0
2459	Non-ischaemic preservation of the donor heart in heart transplantation: protocol design and rationale for a randomised, controlled, multicentre clinical trial across eight European countries. BMJ Open, 2023, 13, e073729.	1.9	0
2460	Calycosin Protects against Focal Cerebral Ischemia/Reperfusion Injury via Inhibiting the HMGB1/TLR4/NF-ÎB Signaling Pathway. Pharmacognosy Magazine, 0, , .	0.6	0
2461	Lipid droplets, autophagy, and ER stress as key (survival) pathways during ischemiaâ€reperfusion of transplanted grafts. Cell Biology International, 2024, 48, 253-279.	3.0	0
2462	The role of ferroptosis in cardio-oncology. Archives of Toxicology, 2024, 98, 709-734.	4.2	0
2463	Therapeutic Potential for Beta-3 Adrenoreceptor Agonists in Peripheral Arterial Disease and Diabetic Foot Ulcers. Biomedicines, 2023, 11, 3187.	3.2	0
2464	Is it a complication or a consequence - a new perspective on adverse outcomes in Interventional Radiology. CVIR Endovascular, 2024, 7, .	1.1	0
2465	Identification and characterization of biomarkers associated with endoplasmic reticulum protein processing in cerebral ischemia-reperfusion injury. PeerJ, 0, 12, e16707.	2.0	0
2466	The crucial role of SETDB1 in structural and functional transformation of epithelial cells during regeneration after intestinal ischemia reperfusion injury. Histochemistry and Cell Biology, 2024, 161, 325-336.	1.7	1
2467	Ischemia-reperfusion injury: molecular mechanisms and therapeutic targets. Signal Transduction and Targeted Therapy, 2024, 9, .	17.1	0
2468	Kidney transplantation: the recipient. , 2024, , 411-691.		0
2469	Hypoxia-adenosine axis as therapeutic targets for acute respiratory distress syndrome. Frontiers in Immunology, 0, 15, .	4.8	0
2470	The molecular mechanisms and potential drug targets of ferroptosis in myocardial ischemiaâ€reperfusion injury. Life Sciences, 2024, 340, 122439.	4.3	0
2471	Oxyberberine protects middle cerebral artery occlusion triggered cerebral injury through TLR4/NLRP3 pathway in rats. Journal of Chemical Neuroanatomy, 2024, 136, 102393.	2.1	0
2472	Salvianolic acids and its potential for cardio-protection against myocardial ischemic reperfusion injury in diabetes. Frontiers in Endocrinology, 0, 14, .	3.5	0
2473	Cationic nanoparticles-based approaches for immune tolerance induction in vivo. Journal of Controlled Release, 2024, 366, 425-447.	9.9	0

[illegible]

#	ARTICLE	IF	CITATIONS
2495	The Promise of Complement Therapeutics in Solid Organ Transplantation. <i>Transplantation</i> , 0, , .	1.0	0
2496	Delayed Graft Function and the Renin-Angiotensin System. <i>Transplantation</i> , 0, , .	1.0	0
2497	The m6A methylation and expression profiles of mouse neural stem cells after hypoxia/reoxygenation. <i>Stem Cell Research and Therapy</i> , 2024, 15, .	5.5	0
2498	Si-based agent alleviated small bowel ischemiaâ€“reperfusion injury through antioxidant effects. <i>Scientific Reports</i> , 2024, 14, .	3.3	0
2499	New Perspectives in Neuroprotection for Ischemic Stroke. <i>Neuroscience</i> , 2024, , .	2.3	0
2500	Protective effects of Pt-N-C single-atom nanozymes against myocardial ischemia-reperfusion injury. <i>Nature Communications</i> , 2024, 15, .	12.8	0
2501	Leptomeningeal collaterals regulate reperfusion in ischemic stroke and rescue the brain from futile recanalization. <i>Neuron</i> , 2024, 112, 1456-1472.e6.	8.1	0
2502	Mitochondrial fumarate promotes ischemia/reperfusionâ€“induced tubular injury. <i>Acta Physiologica</i> , 2024, 240, .	3.8	0
2503	Covalent organic framework based cytoprotective therapy after ischemic stroke. <i>Redox Biology</i> , 2024, 71, 103106.	9.0	0
2504	The Janus face of mitophagy in myocardial ischemia/reperfusion injury and recovery. <i>Biomedicine and Pharmacotherapy</i> , 2024, 173, 116337.	5.6	0
2505	Exploring the Mechanism of Salvianolic Acid B against Myocardial Ischemia-Reperfusion Injury Based on Network Pharmacology. <i>Pharmaceuticals</i> , 2024, 17, 309.	3.8	0
2506	Edgeworthia gardneri (Wall.) Meisn. Ethanolic Extract Attenuates Endothelial Activation and Alleviates Cardiac Ischemia-Reperfusion Injury. <i>Molecules</i> , 2024, 29, 1068.	3.8	0
2507	Ferroptosis in Cardiovascular Disease and Cardiomyopathies: Therapeutic Implications of Glutathione and Iron Chelating Agents. <i>Biomedicines</i> , 2024, 12, 558.	3.2	0
2508	Renoprotective effects of laxative linaclotide: Inhibition of acute kidney injury and fibrosis in a rat model of renal ischemia-reperfusion. <i>Biochemical and Biophysical Research Communications</i> , 2024, 709, 149709.	2.1	0
2509	High Dose ofâ€“Estrogen Protects the Lungs from Ischemiaâ€“Reperfusion Injury by Downregulating the Angiotensin II Signaling Pathway. <i>Inflammation</i> , 0, , .	3.8	0
2510	Neutrophils and NADPH Oxidases Are Major Contributors to Mild but Not Severe Ischemic Acute Kidney Injury in Mice. <i>International Journal of Molecular Sciences</i> , 2024, 25, 2948.	4.1	0
2511	Lipid Peroxidation in Muscle Foods: Impact on Quality, Safety and Human Health. <i>Foods</i> , 2024, 13, 797.	4.3	0
2512	Targeting cell death pathways in intestinal ischemia-reperfusion injury: a comprehensive review. <i>Cell Death Discovery</i> , 2024, 10, .	4.7	0

#	ARTICLE	IF	CITATIONS
2514	The Role of Circular RNA for Early Diagnosis and Improved Management of Patients with Cardiovascular Diseases. International Journal of Molecular Sciences, 2024, 25, 2986.	4.1	0
2515	Cancer-associated muscle weakness - From triggers to molecular mechanisms. Molecular Aspects of Medicine, 2024, 97, 101260.	6.4	0
2516	Immune cell expression patterns of CD39/CD73 ectonucleotidases in rodent models of cardiac arrest and resuscitation. Frontiers in Immunology, 0, 15, .	4.8	0
2517	A “defend” attack and capture flag strategy for cascade management of hepatic ischemia reperfusion injury. Chemical Engineering Journal, 2024, 487, 150501.	12.7	0
2518	Determination of Maximum Tolerable Cold Ischemia Time in a Mouse Model of Cervical Heterotopic Uterus Transplantation. Transplantation, 0, , .	1.0	0
2519	Bioactivities of morroniside: A comprehensive review of pharmacological properties and molecular mechanisms. FÃ-toterapÃ-Ãç, 2024, 175, 105896.	2.2	0
2520	Combined Plasma Olink Proteomics and Transcriptomics Identifies CXCL1 and TNFRSF12A as Potential Predictive and Diagnostic Inflammatory Markers for Acute Kidney Injury. Inflammation, 0, , .	3.8	0
2521	Circadian Influences on Myocardial Ischemia-Reperfusion Injury and Heart Failure. Circulation Research, 2024, 134, 675-694.	4.5	0
2522	Preparation of Nanoparticles Loaded with Membrane-Impermeable Peptide AC3-I and Its Protective Effect on Myocardial Ischemia and Reperfusion. Pharmaceutics, 2024, 16, 416.	4.5	0
2523	In focus in HCB. Histochemistry and Cell Biology, 2024, 161, 297-298.	1.7	0
2524	Effect of Biochanin-A on The Cerebellum in Cerebral Ischemia Reperfusion Injury. Cukurova Anestezi Ve Cerrahi Bilimler Dergisi, 2024, 7, 47-51.	0.0	0