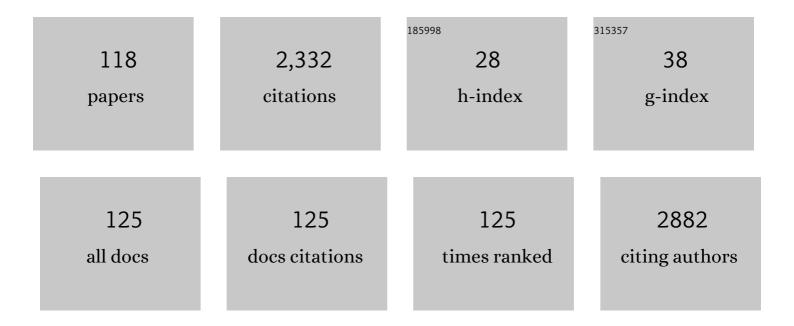
## Zi-qing Hei

List of Publications by Year in descending order

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71-OINC HEL

#	Article	IF	CITATIONS
1	Brg1-mediated Nrf2/HO-1 pathway activation alleviates hepatic ischemia–reperfusion injury. Cell Death and Disease, 2017, 8, e2841-e2841.	2.7	129
2	Elevation of HO-1 Expression Mitigates Intestinal Ischemia-Reperfusion Injury and Restores Tight Junction Function in a Rat Liver Transplantation Model. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-12.	1.9	73
3	The interaction between oxidative stress and mast cell activation plays a role in acute lung injuries induced by intestinal ischemia–reperfusion. Journal of Surgical Research, 2014, 187, 542-552.	0.8	57
4	Propofol Attenuated Acute Kidney Injury after Orthotopic Liver Transplantation <i>via</i> Inhibiting Gap Junction Composed of Connexin 32. Anesthesiology, 2015, 122, 72-86.	1.3	56
5	Propofol Activation of the Nrf2 Pathway Is Associated with Amelioration of Acute Lung Injury in a Rat Liver Transplantation Model. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-9.	1.9	55
6	Lipoxin A4 Preconditioning Attenuates Intestinal Ischemia Reperfusion Injury through Keap1/Nrf2 Pathway in a Lipoxin A4 Receptor Independent Manner. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	1.9	55
7	Nanotheranostics for the Management of Hepatic Ischemiaâ€Reperfusion Injury. Small, 2021, 17, e2007727.	5.2	51
8	Downregulation of miR-101 contributes to epithelial-mesenchymal transition in cisplatin resistance of NSCLC cells by targeting ROCK2. Oncotarget, 2016, 7, 37524-37535.	0.8	48
9	Asymmetric dimethylarginine and all-cause mortality: a systematic review and meta-analysis. Scientific Reports, 2017, 7, 44692.	1.6	45
10	Protective effect of <i>Astragalus membranaceus</i> on intestinal mucosa reperfusion injury after hemorrhagic shock in rats. World Journal of Gastroenterology, 2005, 11, 4986.	1.4	42
11	Hyperglycemia Aggravates Hepatic Ischemia Reperfusion Injury by Inducing Chronic Oxidative Stress and Inflammation. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-16.	1.9	41
12	Dexmedetomidine restores septic renal function via promoting inflammation resolution in a rat sepsis model. Life Sciences, 2018, 204, 1-8.	2.0	41
13	Propofol prevents lung injury after intestinal ischemia–reperfusion by inhibiting the interaction between mast cell activation and oxidative stress. Life Sciences, 2014, 108, 80-87.	2.0	39
14	Dexmedetomidine protects against apoptosis induced by hypoxia/reoxygenation through the inhibition of gap junctions in NRK-52E cells. Life Sciences, 2015, 122, 72-77.	2.0	39
15	Connexin32 plays a crucial role in ROS-mediated endoplasmic reticulum stress apoptosis signaling pathway in ischemia reperfusion-induced acute kidney injury. Journal of Translational Medicine, 2018, 16, 117.	1.8	39
16	Sevoflurane ameliorates intestinal ischemia-reperfusion-induced lung injury by inhibiting the synergistic action between mast cell activation and oxidative stress. Molecular Medicine Reports, 2015, 12, 1082-1090.	1.1	38
17	Connexin 43 expressed in endothelial cells modulates monocyte-endothelial adhesion by regulating cell adhesion proteins. Molecular Medicine Reports, 2015, 12, 7146-7152.	1.1	38
18	Induction of heme oxygenase-1 by hemin protects lung against orthotopic autologous liver transplantation-induced acute lung injury in rats. Journal of Translational Medicine, 2016, 14, 35.	1.8	38

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19	Propofol Attenuates Small Intestinal Ischemia Reperfusion Injury through Inhibiting NADPH Oxidase Mediated Mast Cell Activation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-15.	1.9	36
20	Influence of Ketotifen, Cromolyn Sodium, and Compound 48/80 on the survival rates after intestinal ischemia reperfusion injury in rats. BMC Gastroenterology, 2008, 8, 42.	0.8	35
21	Dexmedetomidine improves gastrointestinal motility after laparoscopic resection of colorectal cancer. Medicine (United States), 2016, 95, e4295.	0.4	35
22	MG53 anchored by dysferlin to cell membrane reduces hepatocyte apoptosis which induced by ischaemia/reperfusion injury <i>inÂvivo</i> and <i>inÂvitro</i> . Journal of Cellular and Molecular Medicine, 2017, 21, 2503-2513.	1.6	34
23	N6-methyladenosine (m6A) methylation in ischemia–reperfusion injury. Cell Death and Disease, 2020, 11, 478.	2.7	34
24	SERPINB1 ameliorates acute lung injury in liver transplantation through ERK1/2-mediated STAT3-dependent HO-1 induction. Free Radical Biology and Medicine, 2017, 108, 542-553.	1.3	33
25	Mast-Cell-Releasing Tryptase Triggers Acute Lung Injury Induced by Small Intestinal Ischemia–Reperfusion by Activating PAR-2 in Rats. Inflammation, 2012, 35, 1144-1153.	1.7	32
26	Propofol alleviates liver oxidative stress via activating Nrf2 pathway. Journal of Surgical Research, 2015, 196, 373-381.	0.8	31
27	Mast Cell Stabilization Alleviates Acute Lung Injury after Orthotopic Autologous Liver Transplantation in Rats by Downregulating Inflammation. PLoS ONE, 2013, 8, e75262.	1.1	31
28	Mast cells activation contribute to small intestinal ischemia reperfusion induced acute lung injury in rats. Injury, 2012, 43, 1250-1256.	0.7	29
29	Inhibition of ferroptosisâ€like cell death attenuates neuropathic pain reactions induced by peripheral nerve injury in rats. European Journal of Pain, 2021, 25, 1227-1240.	1.4	29
30	Propofol postâ€conditioning alleviates hepatic ischaemia reperfusion injury <i>via </i> <scp>BRG</scp> 1â€mediated Nrf2/ <scp>HO</scp> â€1 transcriptional activation in human and mice. Journal of Cellular and Molecular Medicine, 2017, 21, 3693-3704.	1.6	28
31	Inhibition of gap junction composed of Cx43 prevents against acute kidney injury following liver transplantation. Cell Death and Disease, 2019, 10, 767.	2.7	28
32	Aerosol inhalation of a hydrogen-rich solution restored septic renal function. Aging, 2019, 11, 12097-12113.	1.4	28
33	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.	2.5	27
34	Overexpression of Brg1 Alleviates Hepatic Ischemia/Reperfusion-Induced Acute Lung Injury through Antioxidative Stress Effects. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-9.	1.9	24
35	Antioxidant N-Acetylcysteine Attenuates the Reduction of Brg1 Protein Expression in the Myocardium of Type 1 Diabetic Rats. Journal of Diabetes Research, 2013, 2013, 1-8.	1.0	23
36	Development and performance assessment of novel machine learning models to predict pneumonia after liver transplantation. Respiratory Research, 2021, 22, 94.	1.4	23

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37	PI3K/AKT activation attenuates acute kidney injury following liver transplantation by inducing FoxO3a nuclear export and deacetylation. Life Sciences, 2021, 272, 119119.	2.0	23
38	ldentification of key genes and pathways associated with neuropathic pain in uninjured dorsal root ganglion by using bioinformatic analysis. Journal of Pain Research, 2017, Volume 10, 2665-2674.	0.8	22
39	<p>The Advantage of Implementation of Enhanced Recovery After Surgery (ERAS) in Acute Pain Management During Elective Cesarean Delivery: A Prospective Randomized Controlled Trial</p> . Therapeutics and Clinical Risk Management, 2020, Volume 16, 369-378.	0.9	22
40	The Mechanism of Sevoflurane Preconditioning-Induced Protections against Small Intestinal Ischemia Reperfusion Injury Is Independent of Mast Cell in Rats. Mediators of Inflammation, 2013, 2013, 1-12.	1.4	21
41	Emodin inhibits dietary induced atherosclerosis by antioxidation and regulation of the sphingomyelin pathway in rabbits. Chinese Medical Journal, 2006, 119, 868-870.	0.9	20
42	Intestinal injury following liver transplantation was mediated by TLR4/NF-κB activation-induced cell apoptosis. Molecular Medicine Reports, 2016, 13, 1525-1532.	1.1	20
43	Pretreatment of cromolyn sodium prior to reperfusion attenuates early reperfusion injury after the small intestine ischemia in rats. World Journal of Gastroenterology, 2007, 13, 5139.	1.4	20
44	Inhibition of the NADPH Oxidase Pathway Reduces Ferroptosis during Septic Renal Injury in Diabetic Mice. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	1.9	20
45	Knockdown of myeloid differentiation protein-2 reduces acute lung injury following orthotopic autologous liver transplantation in a rat model. Pulmonary Pharmacology and Therapeutics, 2013, 26, 380-387.	1.1	19
46	Using inflammatory and oxidative biomarkers in urine to predict early acute kidney injury in patients undergoing liver transplantation. Biomarkers, 2014, 19, 424-429.	0.9	19
47	Propofol attenuated liver transplantation-induced acute lung injury via connexin43 gap junction inhibition. Journal of Translational Medicine, 2016, 14, 194.	1.8	19
48	Oxidative Stress and Inflammation Interaction in Ischemia Reperfusion Injury: Role of Programmed Cell Death. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-2.	1.9	19
49	Intestinal NF-E2-related factor-2 expression and antioxidant activity changes in rats undergoing orthotopic liver autotransplantation. Oncology Letters, 2013, 6, 1307-1312.	0.8	18
50	Changes in the Concentrations of Mediators of Inflammation and Oxidative Stress in Exhaled Breath Condensate During Liver Transplantation and Their Relations With Postoperative ARDS. Respiratory Care, 2015, 60, 679-688.	0.8	18
51	Intravenous Anesthetics Enhance the Ability of Human Bone Marrow-Derived Mesenchymal Stem Cells to Alleviate Hepatic Ischemia-Reperfusion Injury in a Receptor-Dependent Manner. Cellular Physiology and Biochemistry, 2018, 47, 556-566.	1.1	18
52	Effect of dexmedetomidine for attenuation of propofol injection pain in electroconvulsive therapy: a randomized controlled study. Journal of Anesthesia, 2018, 32, 70-76.	0.7	17
53	Effect of Astragalus membranaceus injection on the activity of the intestinal mucosal mast cells after hemorrhagic shock-reperfusion in rats. Chinese Medical Journal, 2006, 119, 1892-1898.	0.9	16
54	Prognostic values of serum cystatin C and β2 microglobulin, urinary β2 microglobulin and N-acetyl-β-D-glucosaminidase in early acute renal failure after liver transplantation. Chinese Medical Journal, 2008, 121, 1251-1256.	0.9	16

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55	Pivotal role of mast cell carboxypeptidase A in mediating protection against small intestinal ischemia–reperfusion injury in rats after ischemic preconditioning. Journal of Surgical Research, 2014, 192, 177-186.	0.8	16
56	Intravenous Lidocaine Alleviates the Pain of Propofol Injection by Local Anesthetic and Central Analgesic Effects. Pain Medicine, 2018, 19, 598-607.	0.9	16
57	<i>N</i> -Acetylcysteine inhalation improves pulmonary function in patients received liver transplantation. Bioscience Reports, 2018, 38, .	1.1	16
58	Propofol pretreatment attenuates remote kidney injury induced by orthotopic liver autotransplantation, which is correlated with the activation of Nrf2 in rats. Molecular Medicine Reports, 2015, 11, 3962-3968.	1.1	15
59	Propofol attenuates monocyte-endothelial adhesion via modulating connexin43 expression in monocytes. Life Sciences, 2019, 232, 116624.	2.0	15
60	Lipoxin A4 Restores Septic Renal Function via Blocking Crosstalk Between Inflammation and Premature Senescence. Frontiers in Immunology, 2021, 12, 637753.	2.2	15
61	Upregulation of TLR2/4 Expression in Mononuclear Cells in Postoperative Systemic Inflammatory Response Syndrome after Liver Transplantation. Mediators of Inflammation, 2010, 2010, 1-7.	1.4	14
62	Small volume resuscitation with 7.5% hypertonic saline, hydroxyethyl starch 130/0.4 solution and hypertonic sodium chloride hydroxyethyl starch 40 injection reduced lung injury in endotoxin shock rats: Comparison with saline. Pulmonary Pharmacology and Therapeutics, 2012, 25, 27-32.	1.1	14
63	A study of anaesthesia-related cardiac arrest from a Chinese tertiary hospital. BMC Anesthesiology, 2018, 18, 127.	0.7	14
64	Preventive effect of dexmedetomidine on postictal delirium after electroconvulsive therapy. European Journal of Anaesthesiology, 2020, 37, 5-13.	0.7	14
65	Inhibiting tryptase after ischemia limits small intestinal ischemia-reperfusion injury through protease-activated receptor 2 in rats. Journal of Trauma and Acute Care Surgery, 2012, 73, 1138-1144.	1.1	13
66	Dexmedetomidine Combined With Intravenous Anesthetics in Electroconvulsive Therapy. Journal of ECT, 2017, 33, 152-159.	0.3	13
67	Effects of small-dose dexmedetomidine on hyperdynamic responses to electroconvulsive therapy. Journal of the Chinese Medical Association, 2017, 80, 476-481.	0.6	13
68	Intraoperative dexmedetomidine attenuates postoperative systemic inflammatory response syndrome in patients who underwent percutaneous nephrolithotomy: a retrospective cohort study. Therapeutics and Clinical Risk Management, 2018, Volume 14, 287-293.	0.9	13
69	Risk Factors for Sepsis Based on Sepsis-3 Criteria after Orthotopic Liver Transplantation. Mediators of Inflammation, 2018, 2018, 1-8.	1.4	13
70	Neutrophil Elastase Inhibitors Suppress Oxidative Stress in Lung during Liver Transplantation. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	1.9	13
71	Laryngoscopic techniques modulate anaesthesiologists' perception of halitosis in patients. European Journal of Anaesthesiology, 2019, 36, 918-923.	0.7	13
72	MicroRNA files in the prevention of intestinal ischemia/reperfusion injury by hydrogen rich saline. Bioscience Reports, 2020, 40, .	1.1	13

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73	Histamine at low concentrations aggravates rat liver BRL-3A cell injury induced by hypoxia/reoxygenation through histamine H2 receptor in vitro. Toxicology in Vitro, 2013, 27, 378-386.	1.1	12
74	Comparison of dexmedetomidine vs. remifentanil combined with sevoflurane during radiofrequency ablation of hepatocellular carcinoma: a randomized controlled trial. Trials, 2019, 20, 28.	0.7	12
75	Retrospective Comparative Study on Postoperative Pulmonary Complications After Orthotopic Liver Transplantation Using the Melbourne Group Scale (MGS-2) Diagnostic Criteria. Annals of Transplantation, 2018, 23, 377-386.	0.5	11
76	Ulinastatin ameliorates acute kidney injury following liver transplantation in rats and humans. Experimental and Therapeutic Medicine, 2015, 9, 411-416.	0.8	10
77	New device and technique to protect intubation operators against COVID-19. Intensive Care Medicine, 2020, 46, 1627-1629.	3.9	10
78	Propofol alleviates acute lung injury following orthotopic autologous liver transplantation in rats via inhibition of the NADPH oxidase pathway. Molecular Medicine Reports, 2015, 11, 2348-2354.	1.1	9
79	Ulinastatin prevents acute lung injury led by liver transplantation. Journal of Surgical Research, 2015, 193, 841-848.	0.8	9
80	Perioperative application of dexmedetomidine for postoperative systemic inflammatory response syndrome in patients undergoing percutaneous nephrolithotomy lithotripsy: results of a randomised controlled trial. BMJ Open, 2018, 8, e019008.	0.8	9
81	Identification of potential mechanism and hub genes for neuropathic pain by expressionâ€based genomeâ€wide association study. Journal of Cellular Biochemistry, 2019, 120, 4912-4923.	1.2	9
82	Prognostic values of serum cystatin C and beta2 microglobulin, urinary beta2 microglobulin and N-acetyl-beta-D-glucosaminidase in early acute renal failure after liver transplantation. Chinese Medical Journal, 2008, 121, 1251-6.	0.9	9
83	Pharmacokinetic Analysis of Propofol Target-Controlled Infusion Models in Chinese Patients with Hepatic Insufficiency. Medical Science Monitor, 2018, 24, 6925-6933.	0.5	8
84	Intravenous Anesthetic Protects Hepatocyte from Reactive Oxygen Species-Induced Cellular Apoptosis during Liver Transplantation In Vivo. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	8
85	Differential gene expression profiling of the sciatic nerve in type 1 and type 2 diabetic mice. Biomedical Reports, 2018, 9, 291-304.	0.9	8
86	Curcumin Alleviates Chronic Pain and Improves Cognitive Impairment via Enhancing Hippocampal Neurogenesis in Sciatic Nerve Constriction Rats. Journal of Pain Research, 2021, Volume 14, 1061-1070.	0.8	8
87	Weighted gene co-expression network analysis reveals specific modules and hub genes related to neuropathic pain in dorsal root ganglions. Bioscience Reports, 2019, 39, .	1.1	8
88	Changes of nitric oxide and endothelin, thromboxane A2 and prostaglandin in cirrhotic patients undergoing liver transplantation. World Journal of Gastroenterology, 2006, 12, 4049.	1.4	7
89	Lipopolysaccharide effects on the proliferation of NRK52E cells via alternations in gap-junction function. Journal of Trauma and Acute Care Surgery, 2012, 73, 67-72.	1.1	7
90	Dual Effects of Bilirubin on the Proliferation of Rat Renal NRK52E Cells and its Association with Gap Junctions. Dose-Response, 2013, 11, dose-response.1.	0.7	7

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91	Time-course analysis of counts and degranulation of mast cells during early intestinal ischemia-reperfusion injury in mice. Molecular Medicine Reports, 2013, 8, 401-406.	1.1	7
92	ONO-5046 suppresses reactive oxidative species-associated formation of neutrophil extracellular traps. Life Sciences, 2018, 210, 243-250.	2.0	7
93	Connexin 32 deficiency protects the liver against ischemia/reperfusion injury. European Journal of Pharmacology, 2020, 876, 173056.	1.7	7
94	Relationship between the expression of Toll-like receptor 2 and 4 in mononuclear cells and postoperative acute lung injury in orthotopic liver transplantation. Chinese Medical Journal, 2009, 122, 895-9.	0.9	7
95	Dexamethasone pretreatment alleviates intestinal ischemia–reperfusion injury. Journal of Surgical Research, 2013, 185, 851-860.	0.8	6
96	Downregulation of Lung Toll-Like Receptor 4 Could Effectively Attenuate Liver Transplantation-Induced Pulmonary Damage at the Early Stage of Reperfusion. Mediators of Inflammation, 2015, 2015, 1-12.	1.4	6
97	Early molecular alterations in anterior cingulate cortex and hippocampus in a rodent model of neuropathic pain. Brain Research Bulletin, 2021, 166, 82-91.	1.4	6
98	Effect of Astragalus membranaceus injection on the activity of the intestinal mucosal mast cells after hemorrhagic shock-reperfusion in rats. Chinese Medical Journal, 2006, 119, 1892-8.	0.9	5
99	<i>In Vivo</i> Evaluation of the Ameliorating Effects of Small-Volume Resuscitation with Four Different Fluids on Endotoxemia-Induced Kidney Injury. Mediators of Inflammation, 2015, 2015, 1-9.	1.4	4
100	Effects of Connexin 32-Mediated Lung Inflammation Resolution During Liver Ischemia Reperfusion. Digestive Diseases and Sciences, 2020, 65, 2914-2924.	1.1	4
101	Realising the full potential of anaesthesiology to promote enhanced recovery after surgery programmes in China. British Journal of Anaesthesia, 2021, 126, e157-e159.	1.5	4
102	Improvement of glottis visualisation during video laryngoscopy by lifting a floppy epiglottis similarly to direct laryngoscopy with a Miller blade. Anaesthesia, Critical Care & Pain Medicine, 2021, 40, 100871.	0.6	4
103	Effects of Anti-Histamine Treatment on Liver Injury Triggered by Small Intestinal Ischemia Reperfusion in Rats. Chinese Journal of Physiology, 2014, 57, 271-278.	0.4	4
104	Emodin inhibits dietary induced atherosclerosis by antioxidation and regulation of the sphingomyelin pathway in rabbits. Chinese Medical Journal, 2006, 119, 868-70.	0.9	4
105	Influence of cromolyn sodium and compound 48/80 administered prior to and after reperfusion on the third day's survival rate in a rat intestinal ischemia model. Chinese Medical Journal, 2008, 121, 1843-1847.	0.9	3
106	Treatment of mice with cromolyn sodium after reperfusion, but not prior to ischemia, attenuates small intestinal ischemia-reperfusion injury. Molecular Medicine Reports, 2013, 8, 928-934.	1.1	3
107	Restricting activity and earlier oxygen supplementation may reduce adverse outcomes in patients with COVIDâ€19 (Review). World Academy of Sciences Journal, 2021, 3, .	0.4	3
108	Pharmacodynamic analysis of target-controlled infusion of propofol in patients with hepatic insufficiency. Biomedical Reports, 2016, 5, 693-698.	0.9	2

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109	Incidence and risk factors for postictal delirium in patients after electroconvulsive therapy in China. Asian Journal of Psychiatry, 2020, 53, 102361.	0.9	2
110	Prolonged symptom onset to admission time is associated with severe Coronavirus disease: A meta combined propensityâ€adjusted analysis. Journal of Medical Virology, 2021, 93, 6714-6721.	2.5	2
111	Reply to: video laryngoscopy during airway management in COVID-19 patients. European Journal of Anaesthesiology, 2021, 38, 99-100.	0.7	1
112	The use of virtual reality to reduce stress among night-shift anesthesiologists: study protocol for a crossover trial. Trials, 2021, 22, 257.	0.7	1
113	Effects of Propofol Intravenous Injection Bolus on the Left Ventricular Function and the Myocardial β-Adrenoceptor in Rats. Chinese Journal of Physiology, 2010, 53, 99-104.	0.4	1
114	Application of a protective sleeve is associated with decreased occupational anxiety during endotracheal intubation: a randomized controlled trial. BMC Anesthesiology, 2021, 21, 251.	0.7	1
115	Micro-research: opening the innovation door to anaesthesiologists and anaesthesia nurses in China. British Journal of Anaesthesia, 2021, 127, e159-e161.	1.5	0
116	Antioxidant Nâ€Acetylcysteine attenuates the reduction of cardiac Brg1 protein expression in Type1 Diabetic Rats. FASEB Journal, 2013, 27, lb618.	0.2	0
117	Perioperative changes of ventricular function and three indicators of myocardial injury during orthotopic liver transplantation. Chinese Medical Journal, 2006, 119, 939-43.	0.9	0
118	Influence of cromolyn sodium and compound 48/80 administered prior to and after reperfusion on the third day's survival rate in a rat intestinal ischemia model. Chinese Medical Journal, 2008, 121, 1843-7.	0.9	0