

# Weifeng Yao

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,392  
citations

279798

23  
h-index

345221

36  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brg1-mediated Nrf2/HO-1 pathway activation alleviates hepatic ischemiaâ€“reperfusion injury. <i>Cell Death and Disease</i> , 2017, 8, e2841-e2841.	6.3	129
2	Adiponectin ameliorates hyperglycemia-induced cardiac hypertrophy and dysfunction by concomitantly activating Nrf2 and Brg1. <i>Free Radical Biology and Medicine</i> , 2015, 84, 311-321.	2.9	88
3	Hyperglycemia Abrogates Ischemic Postconditioning Cardioprotection by Impairing AdipoR1/Caveolin-3/STAT3 Signaling in Diabetic Rats. <i>Diabetes</i> , 2016, 65, 942-955.	0.6	75
4	Elevation of HO-1 Expression Mitigates Intestinal Ischemia-Reperfusion Injury and Restores Tight Junction Function in a Rat Liver Transplantation Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	4.0	73
5	Diabetes aggravates myocardial ischaemia reperfusion injury via activating Nox2â€“related programmed cell death in an AMPKâ€“dependent manner. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6670-6679.	3.6	73
6	Propofol Attenuated Acute Kidney Injury after Orthotopic Liver Transplantation via Inhibiting Gap Junction Composed of Connexin 32. <i>Anesthesiology</i> , 2015, 122, 72-86.	2.5	56
7	Propofol Activation of the Nrf2 Pathway Is Associated with Amelioration of Acute Lung Injury in a Rat Liver Transplantation Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-9.	4.0	55
8	Lipoxin A4 Preconditioning Attenuates Intestinal Ischemia Reperfusion Injury through Keap1/Nrf2 Pathway in a Lipoxin A4 Receptor Independent Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	4.0	55
9	Nanotheranostics for the Management of Hepatic Ischemiaâ€“Reperfusion Injury. <i>Small</i> , 2021, 17, e2007727.	10.0	51
10	Dexmedetomidine restores septic renal function via promoting inflammation resolution in a rat sepsis model. <i>Life Sciences</i> , 2018, 204, 1-8.	4.3	41
11	Propofol prevents lung injury after intestinal ischemiaâ€“reperfusion by inhibiting the interaction between mast cell activation and oxidative stress. <i>Life Sciences</i> , 2014, 108, 80-87.	4.3	39
12	Dexmedetomidine protects against apoptosis induced by hypoxia/reoxygenation through the inhibition of gap junctions in NRK-52E cells. <i>Life Sciences</i> , 2015, 122, 72-77.	4.3	39
13	Induction of heme oxygenase-1 by hemin protects lung against orthotopic autologous liver transplantation-induced acute lung injury in rats. <i>Journal of Translational Medicine</i> , 2016, 14, 35.	4.4	38
14	Macrophage extracellular traps aggravate iron overloadâ€“related liver ischaemia/reperfusion injury. <i>British Journal of Pharmacology</i> , 2021, 178, 3783-3796.	5.4	38
15	MG53 anchored by dysferlin to cell membrane reduces hepatocyte apoptosis which induced by ischaemia/reperfusion injury <i>in vivo</i> and <i>in vitro</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2503-2513.	3.6	34
16	N6-methyladenosine (m6A) methylation in ischemiaâ€“reperfusion injury. <i>Cell Death and Disease</i> , 2020, 11, 478.	6.3	34
17	SERPINB1 ameliorates acute lung injury in liver transplantation through ERK1/2-mediated STAT3-dependent HO-1 induction. <i>Free Radical Biology and Medicine</i> , 2017, 108, 542-553.	2.9	33
18	Propofol alleviates liver oxidative stress via activating Nrf2 pathway. <i>Journal of Surgical Research</i> , 2015, 196, 373-381.	1.6	31

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19	Sevoflurane pretreatment attenuates TNF- $\alpha$ -induced human endothelial cell dysfunction through activating eNOS/NO pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 879-886.	2.1	30
20	Propofol post-conditioning alleviates hepatic ischaemia reperfusion injury via BRG1-mediated Nrf2/HO-1 transcriptional activation in human and mice. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3693-3704.	3.6	28
21	Aerosol inhalation of a hydrogen-rich solution restored septic renal function. <i>Aging</i> , 2019, 11, 12097-12113.	3.1	28
22	Crosstalk Between Connexin32 and Mitochondrial Apoptotic Signaling Pathway Plays a Pivotal Role in Renal Ischemia Reperfusion-Induced Acute Kidney Injury. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1521-1538.	5.4	27
23	TNF- $\alpha$ Induces Neutrophil Apoptosis Delay and Promotes Intestinal Ischemia-Reperfusion-Induced Lung Injury through Activating JNK/FoxO3a Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	25
24	Overexpression of Brg1 Alleviates Hepatic Ischemia/Reperfusion-Induced Acute Lung Injury through Antioxidative Stress Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-9.	4.0	24
25	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
26	MG53 Protects against Sepsis-Induced Myocardial Dysfunction by Upregulating Peroxisome Proliferator-Activated Receptor- $\gamma$ . <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	4.0	22
27	Inhibition of the NADPH Oxidase Pathway Reduces Ferroptosis during Septic Renal Injury in Diabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	20
28	Brain-Derived Neurotrophic Factor Attenuates Septic Myocardial Dysfunction via eNOS/NO Pathway in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	19
29	Oxidative Stress and Inflammation Interaction in Ischemia Reperfusion Injury: Role of Programmed Cell Death. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-2.	4.0	19
30	Intravenous Anesthetics Enhance the Ability of Human Bone Marrow-Derived Mesenchymal Stem Cells to Alleviate Hepatic Ischemia-Reperfusion Injury in a Receptor-Dependent Manner. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 556-566.	1.6	18
31	Resveratrol efficiently improves pulmonary function via stabilizing mast cells in a rat intestinal injury model. <i>Life Sciences</i> , 2017, 185, 30-37.	4.3	16
32	Which is the best analgesia treatment for total knee arthroplasty: Adductor canal block, periarticular infiltration, or liposomal bupivacaine? A network meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2021, 68, 110098.	1.6	16
33	Microbubble Functionalization with Platelet Membrane Enables Targeting and Early Detection of Sepsis-Induced Acute Kidney Injury. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101628.	7.6	16
34	Neutrophil Elastase Inhibitors Suppress Oxidative Stress in Lung during Liver Transplantation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	4.0	13
35	MicroRNA files in the prevention of intestinal ischemia/reperfusion injury by hydrogen rich saline. <i>Bioscience Reports</i> , 2020, 40, .	2.4	13
36	Double-injection technique assisted by a nerve stimulator for ultrasound-guided supraclavicular brachial plexus block results in better distal sensory-motor block. <i>European Journal of Anaesthesiology</i> , 2017, 34, 127-134.	1.7	9

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37	Intravenous Anesthetic Protects Hepatocyte from Reactive Oxygen Species-Induced Cellular Apoptosis during Liver Transplantation In Vivo. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	8
38	ONO-5046 suppresses reactive oxidative species-associated formation of neutrophil extracellular traps. <i>Life Sciences</i> , 2018, 210, 243-250.	4.3	7
39	The effects of novel $\alpha_2$ -adrenoreceptor agonist dexmedetomidine on shivering in patients underwent caesarean section. <i>Bioscience Reports</i> , 2019, 39, .	2.4	7
40	Downregulation of Lung Toll-Like Receptor 4 Could Effectively Attenuate Liver Transplantation-Induced Pulmonary Damage at the Early Stage of Reperfusion. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	3.0	6
41	Comparison of ultrasound-guided supraclavicular and costoclavicular brachial plexus block using a modified double-injection technique: a randomized non-inferiority trial. <i>Bioscience Reports</i> , 2020, 40, .	2.4	5
42	Benefits of a pre-injection technique to identify the epineurium of individual trunks in the intertruncal approach to supraclavicular brachial plexus block. <i>Journal of Clinical Anesthesia</i> , 2022, 79, 110717.	1.6	5
43	Effects of Connexin 32-Mediated Lung Inflammation Resolution During Liver Ischemia Reperfusion. <i>Digestive Diseases and Sciences</i> , 2020, 65, 2914-2924.	2.3	4
44	Intertruncal versus classical approach to the ultrasound-guided supraclavicular brachial plexus block for upper extremity surgery: study protocol for a randomized non-inferiority trial. <i>Trials</i> , 2022, 23, 91.	1.6	1
45	Effects of double vs triple injection on block dynamics for ultrasound-guided intertruncal approach to the supraclavicular brachial plexus block in patients undergoing upper limb arteriovenous access surgery: study protocol for a double-blinded, randomized controlled trial. <i>Trials</i> , 2022, 23, 295.	1.6	1
46	Refining the injection technique in the ultrasound-guided intertruncal approach to supraclavicular brachial plexus block for arthroscopic shoulder surgery. <i>Journal of Clinical Anesthesia</i> , 2022, 80, 110878.	1.6	1