

# Hailin Zhao

## List of Publications by Year in Descending Order

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

47  
papers

1,588  
citations

23  
h-index

39  
g-index

50  
ext. papers

2,105  
ext. citations

5.3  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
47	Triiodothyronine attenuates neurocognitive dysfunction induced by sevoflurane in the developing brain of neonatal rats. <i>Journal of Affective Disorders</i> , <b>2022</b> , 297, 455-462	6.6	0
46	Epithelial-mesenchymal transition in organ fibrosis development: current understanding and treatment strategies.. <i>Burns and Trauma</i> , <b>2022</b> , 10, tkac011	5.3	1
45	Dexmedetomidine Activates Akt, STAT6 and IRF4 Modulating Cytoprotection and Macrophage Anti-Inflammatory Phenotype Against Acute Lung Injury in vivo and in vitro.. <i>Journal of Inflammation Research</i> , <b>2022</b> , 15, 2707-2720	4.8	
44	Apoptosis and necroptosis occur in the different brain regions of hippocampus in a rat model of hypoxia asphyxia. <i>International Journal of Neuroscience</i> , <b>2021</b> , 131, 843-853	2	1
43	Inhalational Anesthetics Inhibit Neuroglioma Cell Proliferation and Migration via miR-138, -210 and -335. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
42	Pretreatment with valproic acid alleviates pulmonary fibrosis through epithelial-mesenchymal transition inhibition in vitro and in vivo. <i>Laboratory Investigation</i> , <b>2021</b> , 101, 1166-1175	5.9	4
41	Inflammation Triggered by SARS-CoV-2 and ACE2 Augment Drives Multiple Organ Failure of Severe COVID-19: Molecular Mechanisms and Implications. <i>Inflammation</i> , <b>2021</b> , 44, 13-34	5.1	59
40	Potential therapeutic value of dexmedetomidine in COVID-19 patients admitted to ICU. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 126, e33-e35	5.4	13
39	Sevoflurane and Desflurane Exposure Enhanced Cell Proliferation and Migration in Ovarian Cancer Cells via miR-210 and miR-138 Downregulation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
38	Xenon blunts NF- $\kappa$ B/NLRP3 inflammasome activation and improves acute onset of accelerated and severe lupus nephritis in mice. <i>Kidney International</i> , <b>2020</b> , 98, 378-390	9.9	10
37	A biochemical comparison of the lung, colonic, brain, renal, and ovarian cancer cell lines using 1H-NMR spectroscopy. <i>Bioscience Reports</i> , <b>2020</b> , 40,	4.1	2
36	The Role of Neutrophil NETosis in Organ Injury: Novel Inflammatory Cell Death Mechanisms. <i>Inflammation</i> , <b>2020</b> , 43, 2021-2032	5.1	20
35	Dexmedetomidine-Mediated Prevention of Renal Ischemia-Reperfusion Injury Depends in Part on Cholinergic Anti-Inflammatory Mechanisms. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, 1054-1062	3.9	25
34	Laparoscopic fluorescence image-guided photothermal therapy enhances cancer diagnosis and treatment. <i>Nanotheranostics</i> , <b>2019</b> , 3, 89-102	5.6	9
33	Postoperative remote lung injury and its impact on surgical outcome. <i>BMC Anesthesiology</i> , <b>2019</b> , 19, 30	2.4	7
32	Inhibition of tyrosine kinases protects against lipopolysaccharide-induced acute lung injury by preventing nuclear export of Nrf2. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 12331-12339	4.7	1
31	Lasting effects of general anesthetics on the brain in the young and elderly: "mixed picture" of neurotoxicity, neuroprotection and cognitive impairment. <i>Journal of Anesthesia</i> , <b>2019</b> , 33, 321-335	2.2	47

30	Osteopontin mediates necroptosis in lung injury after transplantation of ischaemic renal allografts in rats. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 123, 519-530	5.4	4
29	Dexmedetomidine inhibits astrocyte pyroptosis and subsequently protects the brain in in vitro and in vivo models of sepsis. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 167	9.8	53
28	Both Bupivacaine and Levobupivacaine inhibit colon cancer cell growth but not melanoma cells in vitro. <i>Journal of Anesthesia</i> , <b>2019</b> , 33, 17-25	2.2	22
27	Argon Mitigates Impaired Wound Healing Process and Enhances Wound Healing and. <i>Theranostics</i> , <b>2019</b> , 9, 477-490	12.1	15
26	The role of osteopontin in the progression of solid organ tumour. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 356	9.8	127
25	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> , <b>2018</b> , 18, 1890-1903	8.7	34
24	Ischemia-Reperfusion Injury Reduces Long Term Renal Graft Survival: Mechanism and Beyond. <i>EBioMedicine</i> , <b>2018</b> , 28, 31-42	8.8	101
23	The role of nuclear factor-erythroid 2 related factor 2 (Nrf-2) in the protection against lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 312, L155-L162	5.8	64
22	Molecular mechanisms of brain-derived neurotrophic factor in neuro-protection: Recent developments. <i>Brain Research</i> , <b>2017</b> , 1665, 1-21	3.7	68
21	Transforming growth factor $\beta$ plays an important role in enhancing wound healing by topical application of Povidone-iodine. <i>Scientific Reports</i> , <b>2017</b> , 7, 991	4.9	32
20	The role of extracellular histone in organ injury. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2812	9.8	134
19	Aptamer-conjugated, fluorescent gold nanorods as potential cancer theradiagnostic agents. <i>Materials Science and Engineering C</i> , <b>2016</b> , 59, 324-332	8.3	44
18	The Role of Extracellular Adenosine Triphosphate in Ischemic Organ Injury. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 1000-12	1.4	16
17	Heme Oxygenase-1 Mediates Neuroprotection Conferred by Argon in Combination with Hypothermia in Neonatal Hypoxia-Ischemia Brain Injury. <i>Anesthesiology</i> , <b>2016</b> , 125, 180-92	4.3	23
16	Ischaemic and inflammatory injury in renal graft from brain death donation: an update review. <i>Journal of Anesthesia</i> , <b>2016</b> , 30, 307-16	2.2	13
15	Argon protects against hypoxic-ischemic brain injury in neonatal rats through activation of nuclear factor (erythroid-derived 2)-like 2. <i>Oncotarget</i> , <b>2016</b> , 7, 25640-51	3.3	39
14	Volatile anaesthetics enhance the metastasis related cellular signalling including CXCR2 of ovarian cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 26042-56	3.3	73
13	Local anesthetic bupivacaine induced ovarian and prostate cancer apoptotic cell death and underlying mechanisms in vitro. <i>Scientific Reports</i> , <b>2016</b> , 6, 26277	4.9	57

12	Necroptosis and parthanatos are involved in remote lung injury after receiving ischemic renal allografts in rats. <i>Kidney International</i> , <b>2015</b> , 87, 738-48	9.9	68
11	The potential benefits of the use of regional anesthesia in cancer patients. <i>International Journal of Cancer</i> , <b>2015</b> , 137, 2774-84	7.5	31
10	Xenon Treatment Protects against Remote Lung Injury after Kidney Transplantation in Rats. <i>Anesthesiology</i> , <b>2015</b> , 122, 1312-26	4.3	20
9	Dexmedetomidine attenuates oxidative stress induced lung alveolar epithelial cell apoptosis in vitro. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 358396	6.7	52
8	Early treatment with xenon protects against the cold ischemia associated with chronic allograft nephropathy in rats. <i>Kidney International</i> , <b>2014</b> , 85, 112-23	9.9	27
7	Hypoxia-inducible factor-1: a possible link between inhalational anesthetics and tumor progression?. <i>Acta Anaesthesiologica Taiwanica</i> , <b>2014</b> , 52, 70-6		15
6	Role of Toll-like receptor-4 in renal graft ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, F801-11	4.3	76
5	Celastrol enhances cell viability and inhibits amyloid- $\beta$ production induced by lipopolysaccharide in vitro. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 41, 835-44	4.3	20
4	Anesthetics attenuate ischemia-reperfusion induced renal injury: effects and mechanisms. <i>Acta Anaesthesiologica Taiwanica</i> , <b>2014</b> , 52, 176-84		20
3	The role of interleukin 17 in tumour proliferation, angiogenesis, and metastasis. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 623759	4.3	85
2	Xenon treatment attenuates early renal allograft injury associated with prolonged hypothermic storage in rats. <i>FASEB Journal</i> , <b>2013</b> , 27, 4076-88	0.9	27
1	A novel strategy for preserving renal grafts in an ex vivo setting: potential for enhancing the marginal donor pool. <i>FASEB Journal</i> , <b>2013</b> , 27, 4822-33	0.9	15