Hailin Zhao

List of Publications by Year
in descending order

49 papers	2,522 citations	236925 25 h-index	206112 48 g-index
50 all docs	50 docs citations	50 times ranked	4213 citing authors

#	Article	IF	Citations
1	The role of osteopontin in the progression of solid organ tumour. Cell Death and Disease, 2018, 9, 356.	6.3	232
2	The role of extracellular histone in organ injury. Cell Death and Disease, 2017, 8, e2812-e2812.	6.3	216
3	Ischemia-Reperfusion Injury Reduces Long Term Renal Graft Survival: Mechanism and Beyond. EBioMedicine, 2018, 28, 31-42.	6.1	189
4	Inflammation Triggered by SARS-CoV-2 and ACE2 Augment Drives Multiple Organ Failure of Severe COVID-19: Molecular Mechanisms and Implications. Inflammation, 2021, 44, 13-34.	3.8	162
5	The Role of Interleukin 17 in Tumour Proliferation, Angiogenesis, and Metastasis. Mediators of Inflammation, 2014, 2014, 1-12.	3.0	114
6	Dexmedetomidine inhibits astrocyte pyroptosis and subsequently protects the brain in in vitro and in vivo models of sepsis. Cell Death and Disease, 2019, 10, 167.	6.3	106
7	Volatile anaesthetics enhance the metastasis related cellular signalling including CXCR2 of ovarian cancer cells. Oncotarget, 2016, 7, 26042-26056.	1.8	100
8	The role of nuclear factor-erythroid 2 related factor 2 (Nrf-2) in the protection against lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L155-L162.	2.9	93
9	Molecular mechanisms of brain-derived neurotrophic factor in neuro-protection: Recent developments. Brain Research, 2017, 1665, 1-21.	2.2	93
10	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
11	Necroptosis and parthanatos are involved in remote lung injury after receiving ischemic renal allografts in rats. Kidney International, 2015, 87, 738-748.	5.2	86
12	Local anesthetic bupivacaine induced ovarian and prostate cancer apoptotic cell death and underlying mechanisms in vitro. Scientific Reports, 2016, 6, 26277.	3.3	73
13	Lasting effects of general anesthetics on the brain in the young and elderly: â€œmixed pictureâ€•of neurotoxicity, neuroprotection and cognitive impairment. Journal of Anesthesia, 2019, 33, 321-335.	1.7	67
14	Dexmedetomidine Attenuates Oxidative Stress Induced Lung Alveolar Epithelial Cell ApoptosisIn Vitro. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-11.	4.0	61
15	The Role of Neutrophil NETosis in Organ Injury: Novel Inflammatory Cell Death Mechanisms. Inflammation, 2020, 43, 2021-2032.	3.8	58
16	Transforming growth factor Î² plays an important role in enhancing wound healing by topical application of Povidone-iodine. Scientific Reports, 2017, 7, 991.	3.3	56
17	VEGF mitigates histone-induced pyroptosis in the remote liver injury associated with renal allograft ischemiaâ€“reperfusion injury in rats. American Journal of Transplantation, 2018, 18, 1890-1903.	4.7	54
18	Argon protects against hypoxic-ischemic brain injury in neonatal rats through activation of nuclear factor (erythroid-derived 2)-like 2. Oncotarget, 2016, 7, 25640-25651.	1.8	54

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19	Aptamer-conjugated, fluorescent gold nanorods as potential cancer theradiagnostic agents. Materials Science and Engineering C, 2016, 59, 324-332.	7.3	50
20	The potential benefits of the use of regional anesthesia in cancer patients. International Journal of Cancer, 2015, 137, 2774-2784.	5.1	41
21	Both Bupivacaine and Levobupivacaine inhibit colon cancer cell growth but not melanoma cells in vitro. Journal of Anesthesia, 2019, 33, 17-25.	1.7	36
22	Dexmedetomidine-Mediated Prevention of Renal Ischemia-Reperfusion Injury Depends in Part on Cholinergic Anti-Inflammatory Mechanisms. Anesthesia and Analgesia, 2020, 130, 1054-1062.	2.2	36
23	Heme Oxygenase-1 Mediates Neuroprotection Conferred by Argon in Combination with Hypothermia in Neonatal Hypoxiaâ€"Ischemia Brain Injury. Anesthesiology, 2016, 125, 180-192.	2.5	31
24	Early treatment with xenon protects against the cold ischemia associated with chronic allograft nephropathy in rats. Kidney International, 2014, 85, 112-123.	5.2	30
25	Xenon treatment attenuates early renal allograft injury associated with prolonged hypothermic storage in rats. FASEB Journal, 2013, 27, 4076-4088.	0.5	29
26	The Role of Extracellular Adenosine Triphosphate in Ischemic Organ Injury. Critical Care Medicine, 2016, 44, 1000-1012.	0.9	28
27	Xenon Treatment Protects against Remote Lung Injury after Kidney Transplantation in Rats. Anesthesiology, 2015, 122, 1312-1326.	2.5	27
28	Epithelialâ€"mesenchymal transition in organ fibrosis development: current understanding and treatment strategies. Burns and Trauma, 2022, 10, tkac011.	4.9	27
29	Celastrol Enhances Cell Viability and Inhibits Amyloid-Î² Production Induced by Lipopolysaccharide In Vitro. Journal of Alzheimer's Disease, 2014, 41, 835-844.	2.6	25
30	Anesthetics attenuate ischemiaâ€"reperfusion induced renal injury: Effects and mechanisms. Acta Anaesthesiologica Taiwanica, 2014, 52, 176-184.	1.0	23
31	Hypoxia-inducible factor-1: A possible link between inhalational anesthetics and tumor progression?. Acta Anaesthesiologica Taiwanica, 2014, 52, 70-76.	1.0	23
32	Argon Mitigates Impaired Wound Healing Process and Enhances Wound Healing In Vitro and In Vivo. Theranostics, 2019, 9, 477-490.	10.0	21
33	Potential therapeutic value of dexmedetomidine in COVID-19 patients admitted to ICU. British Journal of Anaesthesia, 2021, 126, e33-e35.	3.4	21
34	Postoperative remote lung injury and its impact on surgical outcome. BMC Anesthesiology, 2019, 19, 30.	1.8	19
35	A novel strategy for preserving renal grafts in anex vivosetting: potential for enhancing the marginal donor pool. FASEB Journal, 2013, 27, 4822-4833.	0.5	17
36	Ischaemic and inflammatory injury in renal graft from brain death donation: an update review. Journal of Anesthesia, 2016, 30, 307-316.	1.7	17

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37	Xenon blunts NF-ÎºB/NLRP3 inflammasome activation and improves acute onset of accelerated and severe lupus nephritis in mice. Kidney International, 2020, 98, 378-390.	5.2	17
38	Osteopontin mediates necroptosis in lung injury after transplantation of ischaemic renal allografts in rats. British Journal of Anaesthesia, 2019, 123, 519-530.	3.4	14
39	Pretreatment with valproic acid alleviates pulmonary fibrosis through epithelialâ€“mesenchymal transition inhibition in vitro and in vivo. Laboratory Investigation, 2021, 101, 1166-1175.	3.7	14
40	Sevoflurane and Desflurane Exposure Enhanced Cell Proliferation and Migration in Ovarian Cancer Cells via miR-210 and miR-138 Downregulation. International Journal of Molecular Sciences, 2021, 22, 1826.	4.1	13
41	Laparoscopic fluorescence image-guided photothermal therapy enhances cancer diagnosis and treatment. Nanotheranostics, 2019, 3, 89-102.	5.2	11
42	Inhalational Anesthetics Inhibit Neuroglioma Cell Proliferation and Migration via miR-138, -210 and -335. International Journal of Molecular Sciences, 2021, 22, 4355.	4.1	10
43	The renoprotective properties of xenon and argon in kidney transplantation. European Journal of Anaesthesiology, 2017, 34, 637-640.	1.7	8
44	Methionine Restriction Prevents Lipopolysaccharide-Induced Acute Lung Injury via Modulating CSE/H2S Pathway. Nutrients, 2022, 14, 322.	4.1	7
45	Dexmedetomidine Activates Akt, STAT6 and IRF4 Modulating Cytoprotection and Macrophage Anti-Inflammatory Phenotype Against Acute Lung Injury in vivo and in vitro. Journal of Inflammation Research, 2022, Volume 15, 2707-2720.	3.5	6
46	Inhibition of tyrosine kinases protects against lipopolysaccharideâ€induced acute lung injury by preventing nuclear export of Nrf2. Journal of Cellular Biochemistry, 2019, 120, 12331-12339.	2.6	4
47	Apoptosis and necroptosis occur in the different brain regions of hippocampus in a rat model of hypoxia asphyxia. International Journal of Neuroscience, 2021, 131, 843-853.	1.6	4
48	A biochemical comparison of the lung, colonic, brain, renal, and ovarian cancer cell lines using 1H-NMR spectroscopy. Bioscience Reports, 2020, 40, .	2.4	4
49	Triiodothyronine attenuates neurocognitive dysfunction induced by sevoflurane in the developing brain of neonatal rats. Journal of Affective Disorders, 2022, 297, 455-462.	4.1	3