

Hailin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,522
citations

236612

25
h-index

205818

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. <i>Cell Death and Disease</i> , 2018, 9, 356.	2.7	232
2	The role of extracellular histone in organ injury. <i>Cell Death and Disease</i> , 2017, 8, e2812-e2812.	2.7	216
3	Ischemia-Reperfusion Injury Reduces Long Term Renal Graft Survival: Mechanism and Beyond. <i>EBioMedicine</i> , 2018, 28, 31-42.	2.7	189
4	Inflammation Triggered by SARS-CoV-2 and ACE2 Augment Drives Multiple Organ Failure of Severe COVID-19: Molecular Mechanisms and Implications. <i>Inflammation</i> , 2021, 44, 13-34.	1.7	162
5	The Role of Interleukin 17 in Tumour Proliferation, Angiogenesis, and Metastasis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.	1.4	114
6	Dexmedetomidine inhibits astrocyte pyroptosis and subsequently protects the brain in in vitro and in vivo models of sepsis. <i>Cell Death and Disease</i> , 2019, 10, 167.	2.7	106
7	Volatile anaesthetics enhance the metastasis related cellular signalling including CXCR2 of ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 26042-26056.	0.8	100
8	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> , 2017, 312, L155-L162.	1.3	93
9	Molecular mechanisms of brain-derived neurotrophic factor in neuro-protection: Recent developments. <i>Brain Research</i> , 2017, 1665, 1-21.	1.1	93
10	Role of Toll-like receptor-4 in renal graft ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F801-F811.	1.3	92
11	Necroptosis and parthanatos are involved in remote lung injury after receiving ischemic renal allografts in rats. <i>Kidney International</i> , 2015, 87, 738-748.	2.6	86
12	Local anesthetic bupivacaine induced ovarian and prostate cancer apoptotic cell death and underlying mechanisms in vitro. <i>Scientific Reports</i> , 2016, 6, 26277.	1.6	73
13	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.	0.7	67
14	Dexmedetomidine Attenuates Oxidative Stress Induced Lung Alveolar Epithelial Cell Apoptosis In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	61
15	The Role of Neutrophil NETosis in Organ Injury: Novel Inflammatory Cell Death Mechanisms. <i>Inflammation</i> , 2020, 43, 2021-2032.	1.7	58
16	Transforming growth factor β^2 plays an important role in enhancing wound healing by topical application of Povidone-iodine. <i>Scientific Reports</i> , 2017, 7, 991.	1.6	56
17	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.	2.6	54
18	Argon protects against hypoxic-ischemic brain injury in neonatal rats through activation of nuclear factor (erythroid-derived 2)-like 2. <i>Oncotarget</i> , 2016, 7, 25640-25651.	0.8	54

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19	Aptamer-conjugated, fluorescent gold nanorods as potential cancer theradiagnostic agents. <i>Materials Science and Engineering C</i> , 2016, 59, 324-332.	3.8	50
20	The potential benefits of the use of regional anesthesia in cancer patients. <i>International Journal of Cancer</i> , 2015, 137, 2774-2784.	2.3	41
21	Both Bupivacaine and Levobupivacaine inhibit colon cancer cell growth but not melanoma cells in vitro. <i>Journal of Anesthesia</i> , 2019, 33, 17-25.	0.7	36
22	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.	1.1	36
23	Heme Oxygenase-1 Mediates Neuroprotection Conferred by Argon in Combination with Hypothermia in Neonatal Hypoxia-Ischemia Brain Injury. <i>Anesthesiology</i> , 2016, 125, 180-192.	1.3	31
24	Early treatment with xenon protects against the cold ischemia associated with chronic allograft nephropathy in rats. <i>Kidney International</i> , 2014, 85, 112-123.	2.6	30
25	Xenon treatment attenuates early renal allograft injury associated with prolonged hypothermic storage in rats. <i>FASEB Journal</i> , 2013, 27, 4076-4088.	0.2	29
26	The Role of Extracellular Adenosine Triphosphate in Ischemic Organ Injury. <i>Critical Care Medicine</i> , 2016, 44, 1000-1012.	0.4	28
27	Xenon Treatment Protects against Remote Lung Injury after Kidney Transplantation in Rats. <i>Anesthesiology</i> , 2015, 122, 1312-1326.	1.3	27
28	Epithelial-mesenchymal transition in organ fibrosis development: current understanding and treatment strategies. <i>Burns and Trauma</i> , 2022, 10, tkac011.	2.3	27
29	Celastrol Enhances Cell Viability and Inhibits Amyloid- β^2 Production Induced by Lipopolysaccharide In Vitro. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 835-844.	1.2	25
30	Anesthetics attenuate ischemia-reperfusion induced renal injury: Effects and mechanisms. <i>Acta Anaesthesiologica Taiwanica</i> , 2014, 52, 176-184.	1.0	23
31	Hypoxia-inducible factor-1: A possible link between inhalational anesthetics and tumor progression?. <i>Acta Anaesthesiologica Taiwanica</i> , 2014, 52, 70-76.	1.0	23
32	Argon Mitigates Impaired Wound Healing Process and Enhances Wound Healing In Vitro and In Vivo. <i>Theranostics</i> , 2019, 9, 477-490.	4.6	21
33	Potential therapeutic value of dexmedetomidine in COVID-19 patients admitted to ICU. <i>British Journal of Anaesthesia</i> , 2021, 126, e33-e35.	1.5	21
34	Postoperative remote lung injury and its impact on surgical outcome. <i>BMC Anesthesiology</i> , 2019, 19, 30.	0.7	19
35	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.	0.2	17
36	Ischaemic and inflammatory injury in renal graft from brain death donation: an update review. <i>Journal of Anesthesia</i> , 2016, 30, 307-316.	0.7	17

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37	Xenon blunts NF- κ B/NLRP3 inflammasome activation and improves acute onset of accelerated and severe lupus nephritis in mice. <i>Kidney International</i> , 2020, 98, 378-390.	2.6	17
38	Osteopontin mediates necroptosis in lung injury after transplantation of ischaemic renal allografts in rats. <i>British Journal of Anaesthesia</i> , 2019, 123, 519-530.	1.5	14
39	Pretreatment with valproic acid alleviates pulmonary fibrosis through epithelial-mesenchymal transition inhibition in vitro and in vivo. <i>Laboratory Investigation</i> , 2021, 101, 1166-1175.	1.7	14
40	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> , 2021, 22, 1826.	1.8	13
41	Laparoscopic fluorescence image-guided photothermal therapy enhances cancer diagnosis and treatment. <i>Nanotheranostics</i> , 2019, 3, 89-102.	2.7	11
42	Inhalational Anesthetics Inhibit Neuroglioma Cell Proliferation and Migration via miR-138, -210 and -335. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4355.	1.8	10
43	The renoprotective properties of xenon and argon in kidney transplantation. <i>European Journal of Anaesthesiology</i> , 2017, 34, 637-640.	0.7	8
44	Methionine Restriction Prevents Lipopolysaccharide-Induced Acute Lung Injury via Modulating CSE/H2S Pathway. <i>Nutrients</i> , 2022, 14, 322.	1.7	7
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> , 2022, Volume 15, 2707-2720.	1.6	6
46	Inhibition of tyrosine kinases protects against lipopolysaccharide-induced acute lung injury by preventing nuclear export of Nrf2. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 12331-12339.	1.2	4
47	Apoptosis and necroptosis occur in the different brain regions of hippocampus in a rat model of hypoxia asphyxia. <i>International Journal of Neuroscience</i> , 2021, 131, 843-853.	0.8	4
48	A biochemical comparison of the lung, colonic, brain, renal, and ovarian cancer cell lines using 1H-NMR spectroscopy. <i>Bioscience Reports</i> , 2020, 40, .	1.1	4
49	Triiodothyronine attenuates neurocognitive dysfunction induced by sevoflurane in the developing brain of neonatal rats. <i>Journal of Affective Disorders</i> , 2022, 297, 455-462.	2.0	3