Yang Yu

List of Publications by Year
in descending order

31	770	567281 15	552781 26
papers	citations	h-index	g-index

33	33	33	725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhalation of hydrogen gas attenuates brain injury in mice with cecal ligation and puncture via inhibiting neuroinflammation, oxidative stress and neuronal apoptosis. Brain Research, 2014, 1589, 78-92.	2.2	92
2	Tau Contributes to Sevoflurane-induced Neurocognitive Impairment in Neonatal Mice. Anesthesiology, 2020, 133, 595-610.	2.5	78
3	Molecular hydrogen attenuates sepsis-induced neuroinflammation through regulation of microglia polarization through an mTOR-autophagy-dependent pathway. International Immunopharmacology, 2020, 81, 106287.	3.8	75
4	Hydrogen Gas Protects Against Intestinal Injury in Wild Type But Not NRF2 Knockout Mice With Severe Sepsis by Regulating HO-1 and HMGB1 Release. Shock, 2017, 48, 364-370.	2.1	54
5	Hydrogen gas reduces HMGB1 release in lung tissues of septic mice in an Nrf2/HO-1-dependent pathway. International Immunopharmacology, 2019, 69, 11-18.	3.8	53
6	Hydrogen gas inhalation attenuates sepsis-induced liver injury in a FUNDC1-dependent manner. International Immunopharmacology, 2019, 71, 61-67.	3.8	43
7	Protective effects of hydrogen gas against sepsis-induced acute lung injury via regulation of mitochondrial function and dynamics. International Immunopharmacology, 2018, 65, 366-372.	3.8	40
8	Hydrogen gas alleviates blood-brain barrier impairment and cognitive dysfunction of septic mice in an Nrf2-dependent pathway. International Immunopharmacology, 2020, 85, 106585.	3.8	39
9	IDO expressing dendritic cells suppress allograft rejection of small bowel transplantation in mice by expansion of Foxp3+ regulatory T cells. Transplant Immunology, 2015, 33, 69-77.	1.2	38
10	Hydrogen-Rich Medium Ameliorates Lipopolysaccharide-Induced Barrier Dysfunction via Rhoa-Mdia1 Signaling in Caco-2 Cells. Shock, 2016, 45, 228-237.	2.1	30
11	Sevoflurane postconditioning attenuates cerebral ischemiaâ€reperfusion injury via protein kinase B/nuclear factorâ€erythroid 2â€related factor 2 pathway activation. International Journal of Developmental Neuroscience, 2014, 38, 79-86.	1.6	21
12	Protective effect of hydrogen-rich medium against high glucose-induced apoptosis of Schwann cells in vitro. Molecular Medicine Reports, 2015, 12, 3986-3992.	2.4	20
13	Drinking Hydrogen-Rich Water Alleviates Chemotherapy-Induced Neuropathic Pain Through the Regulation of Gut Microbiota. Journal of Pain Research, 2021, Volume 14, 681-691.	2.0	19
14	Hydrogen gas alleviates sepsis-induced neuroinflammation and cognitive impairment through regulation of DNMT1 and DNMT3a-mediated BDNF promoter IV methylation in mice. International Immunopharmacology, 2021, 95, 107583.	3.8	19
15	Coenzyme Q10 alleviates sevofluraneâ€induced neuroinflammation by regulating the levels of apolipoprotein E and phosphorylated tau protein in mouse hippocampal neurons. Molecular Medicine Reports, 2020, 22, 445-453.	2.4	19
16	Spinal CCL1/CCR8 regulates phosphorylation of GluA1-containing AMPA receptor in postoperative pain after tibial fracture and orthopedic surgery in mice. Neuroscience Research, 2020, 154, 20-26.	1.9	15
17	Itraq-Based Quantitative Proteomic Analysis of Lungs in Murine Polymicrobial Sepsis with Hydrogen Gas Treatment. Shock, 2018, 49, 187-195.	2.1	14
18	Protective effects of hydrogenâ€rich saline against experimental diabetic peripheral neuropathy via activation of the mitochondrial ATPâ€sensitive potassium channel channels in rats. Molecular Medicine Reports, 2020, 21, 282-290.	2.4	13

#	Article	IF	Citations
19	Molecular hydrogen alleviates brain injury and cognitive impairment in a chronic sequelae model of murine polymicrobial sepsis. Experimental Brain Research, 2020, 238, 2897-2908.	1.5	12
20	Perspective of Molecular Hydrogen in the Treatment of Sepsis. Current Pharmaceutical Design, 2021, 27, 667-678.	1.9	12
21	Spinal caspase-6 contributes to remifentanil-induced hyperalgesia via regulating CCL21/CXCR3 pathway in rats. Neuroscience Letters, 2020, 721, 134802.	2.1	10
22	Protective effects of Coenzyme Q10 against sevofluraneâ€induced cognitive impairment through regulating apolipoprotein E and phosphorylated Tau expression in young mice. International Journal of Developmental Neuroscience, 2020, 80, 418-428.	1.6	9
23	Spinal NLRP3 inflammasome activation mediates IL-1Î² release and contributes to remifentanil-induced postoperative hyperalgesia by regulating NMDA receptor NR1 subunit phosphorylation and GLT-1 expression in rats. Molecular Pain, 2022, 18, 174480692210930.	2.1	7
24	Effects of toxic apolipoprotein E fragments on Tau phosphorylation and cognitive impairment in neonatal mice under sevoflurane anesthesia. Brain and Behavior, 2022, 12, .	2.2	7
25	Hydrogenâ€rich medium alleviates high glucoseâ€induced oxidative stress and parthanatos in rat Schwann cells inï¿½vitro. Molecular Medicine Reports, 2018, 19, 338-344.	2.4	6
26	MicroRNAâ€7aâ€5p ameliorates diabetic peripheral neuropathy by regulating VDAC1/JNK/câ€JUN pathway. Diabetic Medicine, 2023, 40, .	2.3	6
27	iTRAQ-based quantitative proteomic analysis of the therapeutic effects of 2% hydrogen gas inhalation on brain injury in septic mice. Brain Research, 2020, 1746, 147003.	2.2	5
28	Electroacupuncture alleviates morphineâ€induced hyperalgesia by regulating spinal CB1ï¿½receptors and ERK1/2 activity. Molecular Medicine Reports, 2019, 20, 1113-1120.	2.4	4
29	Different Anesthetic Drugs Mediate Changes in Neuroplasticity During Cognitive Impairment in Sleep-Deprived Rats via Different Factors. Medical Science Monitor, 2021, 27, e932422.	1.1	4
30	Immunotherapy with a biologically active ICAM-1 mAb and an siRNA targeting TSHR in a BALB/c mouse model of Gravesâ€™ disease. Endokrynologia Polska, 2021, , .	1.0	2
31	Neurotoxic 18-ĸDa apolipoprotein E fragment production contributes to anesthetic sevoflurane-induced tau phosphorylation and neuroinflammation in vitro. Human and Experimental Toxicology, 2022, 41, 096032712211025.	2.2	1