Hong-yu Sun

List of Publications by Year
in descending order

22 papers	556 citations	686830 13 h-index	713013 21 g-index
24 all docs	24 docs citations	24 times ranked	790 citing authors

#	Article	IF	Citations
1	Epigallocatechin-3-gallate attenuates acute pancreatitis induced lung injury by targeting mitochondrial reactive oxygen species triggered NLRP3 inflammasome activation. Food and Function, 2021, 12, 5658-5667.	2.1	27
2	Autophagy in Acute Pancreatitis: Organelle Interaction and microRNA Regulation. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	1.9	7
3	Tissue-Specific Hydrogels Ameliorate Hepatic Ischemia/Reperfusion Injury in Rats by Regulating Macrophage Polarization via TLR4/NF-Î²B Signaling. ACS Biomaterials Science and Engineering, 2021, 7, 1552-1563.	2.6	6
4	Abdominal paracentesis drainage attenuates intestinal inflammation in rats with severe acute pancreatitis by inhibiting the HMGB1-mediated TLR4 signaling pathway. World Journal of Gastroenterology, 2021, 27, 815-834.	1.4	8
5	Abdominal paracentesis drainage attenuates intestinal mucosal barrier damage through macrophage polarization in severe acute pancreatitis. Experimental Biology and Medicine, 2021, 246, 2029-2038.	1.1	3
6	Placental chorionic plate-derived mesenchymal stem cells ameliorate severe acute pancreatitis by regulating macrophage polarization via secreting TSG-6. Stem Cell Research and Therapy, 2021, 12, 337.	2.4	17
7	N6-Methyladenosine Modification Opens a New Chapter in Circular RNA Biology. Frontiers in Cell and Developmental Biology, 2021, 9, 709299.	1.8	25
8	Comprehensive Analysis of Differentially Expressed lncRNA, circRNA and mRNA and Their ceRNA Networks in Mice With Severe Acute Pancreatitis. Frontiers in Genetics, 2021, 12, 625846.	1.1	15
9	Genome-wide map of N6-methyladenosine circular RNAs identified in mice model of severe acute pancreatitis. World Journal of Gastroenterology, 2021, 27, 7530-7545.	1.4	6
10	MicroRNAs in acute pancreatitis: From pathogenesis to novel diagnosis and therapy. Journal of Cellular Physiology, 2020, 235, 1948-1961.	2.0	36
11	CircRNA Expression Profiles and the Potential Role of CircZFP644 in Mice With Severe Acute Pancreatitis via Sponging miR-21-3p. Frontiers in Genetics, 2020, 11, 206.	1.1	20
12	Severe Acute Respiratory Syndrome Coronavirus 2: From Gene Structure to Pathogenic Mechanisms and Potential Therapy. Frontiers in Microbiology, 2020, 11, 1576.	1.5	32
13	Abdominal paracentesis drainage attenuates severe acute pancreatitis by enhancing cell apoptosis via PI3K/AKT signaling pathway. Apoptosis: an International Journal on Programmed Cell Death, 2020, 25, 290-303.	2.2	15
14	Plasma-derived exosomes contribute to pancreatitis-associated lung injury by triggering NLRP3-dependent pyroptosis in alveolar macrophages. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165685.	1.8	57
15	Abdominal paracentesis drainage ameliorates myocardial injury in severe experimental pancreatitis rats through suppressing oxidative stress. World Journal of Gastroenterology, 2020, 26, 35-54.	1.4	9
16	An efficient protocol to generate placental chorionic plate-derived mesenchymal stem cells with superior proliferative and immunomodulatory properties. Stem Cell Research and Therapy, 2019, 10, 301.	2.4	25
17	NADPH Oxidase Hyperactivity Contributes to Cardiac Dysfunction and Apoptosis in Rats with Severe Experimental Pancreatitis through ROS-Mediated MAPK Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	1.9	39
18	Abdominal paracentesis drainage ameliorates severe acute pancreatitis in rats by regulating the polarization of peritoneal macrophages. World Journal of Gastroenterology, 2018, 24, 5131-5143.	1.4	24

#	Article	IF	Citations
19	Carbon nanotube-composite hydrogels promote intercalated disc assembly in engineered cardiac tissues through Î²1-integrin mediated FAK and RhoA pathway. Acta Biomaterialia, 2017, 48, 88-99.	4.1	65
20	Carbon nanotube-incorporated collagen hydrogels improve cell alignment and the performance of cardiac constructs. International Journal of Nanomedicine, 2017, Volume 12, 3109-3120.	3.3	90
21	Carbon nanotube-based substrates promote cardiogenesis in brown adipose-derived stem cells via β1-integrin-dependent TGF-β1 signaling pathway. International Journal of Nanomedicine, 2016, Volume 11, 4381-4395.	3.3	14
22	Abdominal paracentesis drainage protects rats against severe acute pancreatitis-associated lung injury by reducing the mobilization of intestinal XDH/XOD. Free Radical Biology and Medicine, 2016, 99, 374-384.	1.3	15