

Hong-yu Sun

List of Publications by Year in descending order

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Version: 2024-02-01

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	Carbon nanotube-incorporated collagen hydrogels improve cell alignment and the performance of cardiac constructs. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3109-3120.	3.3	90
2	Carbon nanotube-composite hydrogels promote intercalated disc assembly in engineered cardiac tissues through β 1-integrin mediated FAK and RhoA pathway. <i>Acta Biomaterialia</i> , 2017, 48, 88-99.	4.1	65
3	Plasma-derived exosomes contribute to pancreatitis-associated lung injury by triggering NLRP3-dependent pyroptosis in alveolar macrophages. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165685.	1.8	57
4	NADPH Oxidase Hyperactivity Contributes to Cardiac Dysfunction and Apoptosis in Rats with Severe Experimental Pancreatitis through ROS-Mediated MAPK Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	39
5	MicroRNAs in acute pancreatitis: From pathogenesis to novel diagnosis and therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 1948-1961.	2.0	36
6	Severe Acute Respiratory Syndrome Coronavirus 2: From Gene Structure to Pathogenic Mechanisms and Potential Therapy. <i>Frontiers in Microbiology</i> , 2020, 11, 1576.	1.5	32
7	Epigallocatechin-3-gallate attenuates acute pancreatitis induced lung injury by targeting mitochondrial reactive oxygen species triggered NLRP3 inflammasome activation. <i>Food and Function</i> , 2021, 12, 5658-5667.	2.1	27
8	An efficient protocol to generate placental chorionic plate-derived mesenchymal stem cells with superior proliferative and immunomodulatory properties. <i>Stem Cell Research and Therapy</i> , 2019, 10, 301.	2.4	25
9	N6-Methyladenosine Modification Opens a New Chapter in Circular RNA Biology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 709299.	1.8	25
10	Abdominal paracentesis drainage ameliorates severe acute pancreatitis in rats by regulating the polarization of peritoneal macrophages. <i>World Journal of Gastroenterology</i> , 2018, 24, 5131-5143.	1.4	24
11	CircRNA Expression Profiles and the Potential Role of CircZFP644 in Mice With Severe Acute Pancreatitis via Sponging miR-21-3p. <i>Frontiers in Genetics</i> , 2020, 11, 206.	1.1	20
12	Placental chorionic plate-derived mesenchymal stem cells ameliorate severe acute pancreatitis by regulating macrophage polarization via secreting TSG-6. <i>Stem Cell Research and Therapy</i> , 2021, 12, 337.	2.4	17
13	Abdominal paracentesis drainage protects rats against severe acute pancreatitis-associated lung injury by reducing the mobilization of intestinal XDH/XOD. <i>Free Radical Biology and Medicine</i> , 2016, 99, 374-384.	1.3	15
14	Abdominal paracentesis drainage attenuates severe acute pancreatitis by enhancing cell apoptosis via PI3K/AKT signaling pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 290-303.	2.2	15
15	Comprehensive Analysis of Differentially Expressed lncRNA, circRNA and mRNA and Their ceRNA Networks in Mice With Severe Acute Pancreatitis. <i>Frontiers in Genetics</i> , 2021, 12, 625846.	1.1	15
16	Carbon nanotube-based substrates promote cardiogenesis in brown adipose-derived stem cells via β 1-integrin-dependent TGF- β 1 signaling pathway. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4381-4395.	3.3	14
17	Abdominal paracentesis drainage ameliorates myocardial injury in severe experimental pancreatitis rats through suppressing oxidative stress. <i>World Journal of Gastroenterology</i> , 2020, 26, 35-54.	1.4	9
18	Abdominal paracentesis drainage attenuates intestinal inflammation in rats with severe acute pancreatitis by inhibiting the HMGB1-mediated TLR4 signaling pathway. <i>World Journal of Gastroenterology</i> , 2021, 27, 815-834.	1.4	8

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19	Autophagy in Acute Pancreatitis: Organelle Interaction and microRNA Regulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	7
20	Tissue-Specific Hydrogels Ameliorate Hepatic Ischemia/Reperfusion Injury in Rats by Regulating Macrophage Polarization via TLR4/NF- κ B Signaling. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1552-1563.	2.6	6
21	Genome-wide map of N6-methyladenosine circular RNAs identified in mice model of severe acute pancreatitis. <i>World Journal of Gastroenterology</i> , 2021, 27, 7530-7545.	1.4	6
22	Abdominal paracentesis drainage attenuates intestinal mucosal barrier damage through macrophage polarization in severe acute pancreatitis. <i>Experimental Biology and Medicine</i> , 2021, 246, 2029-2038.	1.1	3