

Xiao-dong Zhang

List of Publications by Year in descending order

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49
papers

1,925
citations

218677

26
h-index

254184

43
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54
all docs

54
docs citations

54
times ranked

3475
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring natural silk protein sericin for regenerative medicine: an injectable, photoluminescent, cell-adhesive 3D hydrogel. <i>Scientific Reports</i> , 2014, 4, 7064.	3.3	190
2	Localized injection of miRNA-21-enriched extracellular vesicles effectively restores cardiac function after myocardial infarction. <i>Theranostics</i> , 2019, 9, 2346-2360.	10.0	134
3	An injectable silk sericin hydrogel promotes cardiac functional recovery after ischemic myocardial infarction. <i>Acta Biomaterialia</i> , 2016, 41, 210-223.	8.3	121
4	Sericin/Dextran Injectable Hydrogel as an Optically Trackable Drug Delivery System for Malignant Melanoma Treatment. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6411-6422.	8.0	115
5	A c-Myc-MicroRNA functional feedback loop affects hepatocarcinogenesis. <i>Hepatology</i> , 2013, 57, 2378-2389.	7.3	80
6	Prognostic value of bedside lung ultrasound score in patients with COVID-19. <i>Critical Care</i> , 2020, 24, 700.	5.8	77
7	lncRNA NEAT1 facilitates melanoma cell proliferation, migration, and invasion via regulating miR-495-3p and E2F3. <i>Journal of Cellular Physiology</i> , 2019, 234, 19592-19601.	4.1	71
8	A Silk Sericin/Silicone Nerve Guidance Conduit Promotes Regeneration of a Transected Sciatic Nerve. <i>Advanced Healthcare Materials</i> , 2015, 4, 2195-2205.	7.6	69
9	miR-148a inhibits colitis and colitis-associated tumorigenesis in mice. <i>Cell Death and Differentiation</i> , 2017, 24, 2199-2209.	11.2	62
10	Hypoxia potentiates gemcitabine-induced stemness in pancreatic cancer cells through AKT/Notch1 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 291.	8.6	61
11	miR-191 promotes tumorigenesis of human colorectal cancer through targeting C/EBP β . <i>Oncotarget</i> , 2015, 6, 4144-4158.	1.8	58
12	Safe and Effective Reversal of Cancer Multidrug Resistance Using Sericin-Coated Mesoporous Silica Nanoparticles for Lysosome-Targeting Delivery in Mice. <i>Small</i> , 2017, 13, 1602567.	10.0	50
13	MicroRNA-148a deficiency promotes hepatic lipid metabolism and hepatocarcinogenesis in mice. <i>Cell Death and Disease</i> , 2017, 8, e2916-e2916.	6.3	49
14	microRNA-129-5p, a c-Myc negative target, affects hepatocellular carcinoma progression by blocking the Warburg effect. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 400-410.	3.3	47
15	Hypoxia-induced microRNA-191 contributes to hepatic ischemia/reperfusion injury through the ZONAB/Cyclin D1 axis. <i>Cell Death and Differentiation</i> , 2019, 26, 291-305.	11.2	42
16	ADAR1 Prevents Liver Injury from Inflammation and Suppresses Interferon Production in Hepatocytes. <i>American Journal of Pathology</i> , 2015, 185, 3224-3237.	3.8	41
17	Modality alignment contrastive learning for severity assessment of COVID-19 from lung ultrasound and clinical information. <i>Medical Image Analysis</i> , 2021, 69, 101975.	11.6	40
18	Pre-operative exercise therapy triggers anti-inflammatory trained immunity of Kupffer cells through metabolic reprogramming. <i>Nature Metabolism</i> , 2021, 3, 843-858.	11.9	40

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19	Aurora kinase A mediates c-Myc's oncogenic effects in hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 2015, 54, 1467-1479.	2.7	38
20	MicroRNA-30a attenuates mutant KRAS-driven colorectal tumorigenesis via direct suppression of ME1. <i>Cell Death and Differentiation</i> , 2017, 24, 1253-1262.	11.2	38
21	Upregulation of miR-362-3p Modulates Proliferation and Anchorage-Independent Growth by Directly Targeting Tob2 in Hepatocellular Carcinoma. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1563-1573.	2.6	36
22	Protection against hepatic ischemia/reperfusion injury via downregulation of toll-like receptor 2 expression by inhibition of Kupffer cell function. <i>World Journal of Gastroenterology</i> , 2005, 11, 4423.	3.3	35
23	USP49 participates in the DNA damage response by forming a positive feedback loop with p53. <i>Cell Death and Disease</i> , 2018, 9, 553.	6.3	33
24	Hepatic Surgical Stress Promotes Systemic Immunothrombosis That Results in Distant Organ Injury. <i>Frontiers in Immunology</i> , 2020, 11, 987.	4.8	30
25	CCL2/CCR2 signaling promotes hepatic ischemia/reperfusion injury. <i>Journal of Surgical Research</i> , 2016, 202, 352-362.	1.6	29
26	Delayed Neutralization of Interleukin 6 Reduces Organ Injury, Selectively Suppresses Inflammatory Mediator, and Partially Normalizes Immune Dysfunction Following Trauma and Hemorrhagic Shock. <i>Shock</i> , 2014, 42, 218-227.	2.1	28
27	ADAR1 Suppresses the Activation of Cytosolic RNA-Sensing Signaling Pathways to Protect the Liver from Ischemia/Reperfusion Injury. <i>Scientific Reports</i> , 2016, 6, 20248.	3.3	28
28	Hypoxic ucMSC-secreted exosomal miR-125b promotes endothelial cell survival and migration during wound healing by targeting TP53INP1. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 347-359.	5.1	27
29	Hepatic recruitment of CD11b+Ly6C+ inflammatory monocytes promotes hepatic ischemia/reperfusion injury. <i>International Journal of Molecular Medicine</i> , 2018, 41, 935-945.	4.0	26
30	miR-210 Participates in Hepatic Ischemia Reperfusion Injury by Forming a Negative Feedback Loop With SMAD4. <i>Hepatology</i> , 2020, 72, 2134-2148.	7.3	26
31	microRNA-206 impairs c-Myc-driven cancer in a synthetic lethal manner by directly inhibiting MAP3K13. <i>Oncotarget</i> , 2016, 7, 16409-16419.	1.8	25
32	Trends in Alcoholic Fatty Liver Disease. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 979.	7.4	24
33	Toll-Like Receptor 4 in Bone Marrow-Derived Cells Contributes to the Progression of Diabetic Retinopathy. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	3.0	22
34	Hyaluronic acid fragments evoke Kupffer cells via TLR4 signaling pathway. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 147-154.	1.3	19
35	Mesenchymal Stem Cells Derived Extracellular Vesicles Alleviate Traumatic Hemorrhagic Shock Induced Hepatic Injury via IL-10/PTPN22-Mediated M2 Kupffer Cell Polarization. <i>Frontiers in Immunology</i> , 2021, 12, 811164.	4.8	19
36	CD14 Contributes to Warm Hepatic Ischemia-Reperfusion Injury in Mice. <i>Shock</i> , 2013, 40, 115-121.	2.1	18

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37	TLR2 mRNA upregulation in ischemic lobes in mouse partial hepatic ischemia/reperfusion injury model. Journal of Huazhong University of Science and Technology [Medical Sciences], 2004, 24, 144-146.	1.0	12
38	PIN1 gene overexpression and β -catenin gene mutation/expression in hepatocellular carcinoma and their significance. Journal of Huazhong University of Science and Technology [Medical Sciences], 2007, 27, 54-57.	1.0	12
39	Hypoxia-induced lncRNA CASC9 enhances glycolysis and the epithelial-mesenchymal transition of pancreatic cancer by a positive feedback loop with AKT/HIF-1 α signaling. American Journal of Cancer Research, 2021, 11, 123-137.	1.4	8
40	CCR2 dependent neutrophil activation and mobilization rely on TLR4-p38 axis during liver ischemia-reperfusion injury. American Journal of Translational Research (discontinued), 2017, 9, 2878-2890.	0.0	7
41	Inhibition of RAW264.7 macrophage inflammatory cytokines release by small hparin RNAi targeting TLR4. Journal of Huazhong University of Science and Technology [Medical Sciences], 2006, 26, 500-503.	1.0	6
42	Oxidants and Antioxidants in Metabolic Syndrome and Cancer. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-3.	4.0	6
43	Clinical Effectiveness of Endoscopic Stent Placement in Treatment of Acute Intestinal Obstruction Caused by Colorectal Cancer. Medical Science Monitor, 2019, 25, 5350-5355.	1.1	6
44	Significance of rosiglitazone inhibiting TLR4 expression in partial hepatic ischemia/reperfusion of mice. Journal of Huazhong University of Science and Technology [Medical Sciences], 2008, 28, 564-567.	1.0	5
45	Safety and feasibility of prolonged versus early laparoscopic cholecystectomy for acute cholecystitis: a single-center retrospective study. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 2297-2305.	2.4	5
46	Strategies for perioperative management of general surgery in the post-COVID-19 era: experiences and recommendations from frontline surgeons in Wuhan. British Journal of Surgery, 2020, 107, e437-e437.	0.3	4
47	Emerging Concepts and Methodologies in Cancer Biomarker Discovery. Critical Reviews in Oncogenesis, 2017, 22, 371-388.	0.4	3
48	Cancer Multidrug Resistance: Safe and Effective Reversal of Cancer Multidrug Resistance Using Sericin-Coated Mesoporous Silica Nanoparticles for Lysosome-Targeting Delivery in Mice (Small 9/2017). Small, 2017, 13, .	10.0	1
49	Evaluation of radiological and temporal characteristics of acute appendicitis on the non-enhanced computed tomography images. Abdominal Radiology, 0, , .	2.1	0