

Bing Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,172
citations

567281

15
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	Recapitulation of SARS-CoV-2 infection and cholangiocyte damage with human liver ductal organoids. <i>Protein and Cell</i> , 2020, 11, 771-775.	11.0	313
2	BMP restricts stemness of intestinal Lgr5+ stem cells by directly suppressing their signature genes. <i>Nature Communications</i> , 2017, 8, 13824.	12.8	214
3	Internalization of the TGF- β 2 type I receptor into caveolin-1 and EEA1 double-positive early endosomes. <i>Cell Research</i> , 2015, 25, 738-752.	12.0	72
4	Dynamic Sialylation in Transforming Growth Factor- β 2 (TGF- β 2)-induced Epithelial to Mesenchymal Transition. <i>Journal of Biological Chemistry</i> , 2015, 290, 12000-12013.	3.4	64
5	Carbon nanotube-assisted optical activation of TGF- β 2 signalling by near-infrared light. <i>Nature Nanotechnology</i> , 2015, 10, 465-471.	31.5	57
6	Loss of SIRT5 promotes bile acid-induced immunosuppressive microenvironment and hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2022, 77, 453-466.	3.7	50
7	PICK1 promotes caveolin-dependent degradation of TGF- β 2 type I receptor. <i>Cell Research</i> , 2012, 22, 1467-1478.	12.0	49
8	The non-muscle-myosin-II heavy chain Myh9 mediates colitis-induced epithelium injury by restricting Lgr5+ stem cells. <i>Nature Communications</i> , 2015, 6, 7166.	12.8	47
9	Regulation of TGF- β 2 Signal Transduction. <i>Scientifica</i> , 2014, 2014, 1-9.	1.7	36
10	Thrombin is a therapeutic target for non-small-cell lung cancer to inhibit vasculogenic mimicry formation. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 117.	17.1	26
11	Znhit1 controls intestinal stem cell maintenance by regulating H2A.Z incorporation. <i>Nature Communications</i> , 2019, 10, 1071.	12.8	25
12	Gene manipulation in liver ductal organoids by optimized recombinant adeno-associated virus vectors. <i>Journal of Biological Chemistry</i> , 2019, 294, 14096-14104.	3.4	22
13	Structural basis of RGD-hirudin binding to thrombin: Tyr3 and five C-terminal residues are crucial for inhibiting thrombin activity. <i>BMC Structural Biology</i> , 2014, 14, 26.	2.3	21
14	Modeling hepatoblastoma development with human fetal liver organoids reveals YAP1 activation is sufficient for tumorigenesis. <i>Protein and Cell</i> , 2022, 13, 683-688.	11.0	18
15	Chromatin remodeler Znhit1 preserves hematopoietic stem cell quiescence by determining the accessibility of distal enhancers. <i>Leukemia</i> , 2020, 34, 3348-3358.	7.2	16
16	A novel oncotherapy strategy: Direct thrombin inhibitors suppress progression, dissemination and spontaneous metastasis in non-small cell lung cancer. <i>British Journal of Pharmacology</i> , 2022, 179, 5056-5073.	5.4	16
17	Znhit1 controls meiotic initiation in male germ cells by coordinating with Stra8 to activate meiotic gene expression. <i>Developmental Cell</i> , 2022, 57, 901-913.e4.	7.0	16
18	Modeling Human Thyroid Development by Fetal Tissue-Derived Organoid Culture. <i>Advanced Science</i> , 2022, 9, e2105568.	11.2	14

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19	Generation of liver bipotential organoids with a small-molecule cocktail. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 618-629.	3.3	13
20	RGD-hirudin-based low molecular weight peptide prevents blood coagulation via subcutaneous injection. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 753-762.	6.1	12
21	Design and fabrication of r-hirudin loaded dissolving microneedle patch for minimally invasive and long-term treatment of thromboembolic disease. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 284-297.	9.1	12
22	Low endotoxin E.Âcoli strain-derived plasmids reduce rAAV vector-mediated immune responses both inÂvitro and inÂvivo. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 293-303.	4.1	11
23	High-level expression, purification, and enzymatic characterization of truncated human plasminogen (Lys531-Asn791) in the methylotrophic yeast <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2015, 15, 50.	3.3	10
24	Emc3 maintains intestinal homeostasis by preserving secretory lineages. <i>Mucosal Immunology</i> , 2021, 14, 873-886.	6.0	9
25	Proteomics and Organoid Culture Reveal the Underlying Pathogenesis of Hashimoto's Thyroiditis. <i>Frontiers in Immunology</i> , 2021, 12, 784975.	4.8	9
26	Defense of COVID-19 by Human Organoids. <i>Phenomics</i> , 2021, 1, 113-128.	2.9	8
27	Effects of Immune Cells on Intestinal Stem Cells: Prospects for Therapeutic Targets. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2296-2314.	3.8	4
28	RhTyrRS (Y341A), a novel human tyrosyl-tRNA synthetase mutant, stimulates thrombopoiesis through activation of the VEGF-R II/NF-ÎB pathway. <i>Biochemical Pharmacology</i> , 2019, 169, 113634.	4.4	1