

Hong-Bo Xin

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,860
citations

304368

22
h-index

288905

40
g-index

59
all docs

59
docs citations

59
times ranked

3063
citing authors

#	ARTICLE	IF	CITATIONS
1	How does cancer cell metabolism affect tumor migration and invasion?. <i>Cell Adhesion and Migration</i> , 2013, 7, 395-403.	1.1	165
2	Polarizing Macrophages In Vitro. <i>Methods in Molecular Biology</i> , 2018, 1784, 119-126.	0.4	135
3	Human amniotic mesenchymal stem cells and their paracrine factors promote wound healing by inhibiting heat stress-induced skin cell apoptosis and enhancing their proliferation through activating PI3K/AKT signaling pathway. <i>Stem Cell Research and Therapy</i> , 2019, 10, 247.	2.4	105
4	Inhibition of NAMPT aggravates high fat diet-induced hepatic steatosis in mice through regulating Sirt1/AMPK/SREBP1 signaling pathway. <i>Lipids in Health and Disease</i> , 2017, 16, 82.	1.2	94
5	Involvement of Drp1 in hypoxia-induced migration of human glioblastoma U251 cells. <i>Oncology Reports</i> , 2014, 32, 619-626.	1.2	91
6	TRAF Family Member-associated NF- κ B Activator (TANK) Inhibits Genotoxic Nuclear Factor κ B Activation by Facilitating Deubiquitinase USP10-dependent Deubiquitination of TRAF6 Ligase. <i>Journal of Biological Chemistry</i> , 2015, 290, 13372-13385.	1.6	87
7	Mitochondrial dynamics regulates hypoxia-induced migration and antineoplastic activity of cisplatin in breast cancer cells. <i>International Journal of Oncology</i> , 2015, 46, 691-700.	1.4	86
8	CD38 promotes angiotensin II-induced cardiac hypertrophy. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1492-1502.	1.6	65
9	Functional Role of Calstabin2 in Age-related Cardiac Alterations. <i>Scientific Reports</i> , 2015, 4, 7425.	1.6	61
10	CD38 Deficiency Protects the Heart from Ischemia/Reperfusion Injury through Activating SIRT1/FOXOs-Mediated Antioxidative Stress Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-14.	1.9	56
11	Expression profiling of TRIM protein family in THP1-derived macrophages following TLR stimulation. <i>Scientific Reports</i> , 2017, 7, 42781.	1.6	49
12	Identification of Global DNA Methylation Signatures in Glioblastoma-Derived Cancer Stem Cells. <i>Journal of Genetics and Genomics</i> , 2015, 42, 355-371.	1.7	47
13	Characteristics and Therapeutic Potential of Human Amnion-Derived Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 970.	1.8	47
14	CD38 deficiency suppresses adipogenesis and lipogenesis in adipose tissues through activating Sirt1/PPAR γ signaling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 101-110.	1.6	41
15	CD38 Deficiency Alleviates D-Galactose-Induced Myocardial Cell Senescence Through NAD ⁺ /Sirt1 Signaling Pathway. <i>Frontiers in Physiology</i> , 2019, 10, 1125.	1.3	39
16	Therapeutic efficiency of human amniotic epithelial stem cell-derived functional hepatocyte-like cells in mice with acute hepatic failure. <i>Stem Cell Research and Therapy</i> , 2018, 9, 321.	2.4	35
17	CD38 Deficiency Protects Heart from High Fat Diet-Induced Oxidative Stress Via Activating Sirt3/FOXO3 Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2350-2363.	1.1	34
18	TRIM14 promotes endothelial activation via activating NF- κ B signaling pathway. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 176-189.	1.5	33

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19	Several biological benefits of the low color temperature light-emitting diodes based normal indoor lighting source. <i>Scientific Reports</i> , 2019, 9, 7560.	1.6	31
20	THZ1 suppresses human non-small-cell lung cancer cells in vitro through interference with cancer metabolism. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 814-822.	2.8	31
21	Phenotypic alteration of CD8+ T cells in chronic lymphocytic leukemia is associated with epigenetic reprogramming. <i>Oncotarget</i> , 2016, 7, 40558-40570.	0.8	30
22	Promoter Methylation Modulates Indoleamine 2,3-Dioxygenase 1 Induction by Activated T Cells in Human Breast Cancers. <i>Cancer Immunology Research</i> , 2017, 5, 330-344.	1.6	28
23	Dysbiosis of the rat vagina is efficiently rescued by vaginal microbiota transplantation or probiotic combination. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106277.	1.1	27
24	TRIM65 E3 ligase targets VCAM-1 degradation to limit LPS-induced lung inflammation. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 190-201.	1.5	25
25	TRIM59 expression is regulated by Sp1 and Nrf1 in LPS-activated macrophages through JNK signaling pathway. <i>Cellular Signalling</i> , 2020, 67, 109522.	1.7	24
26	Human amniotic mesenchymal stem cells inhibit hepatocellular carcinoma in tumour-bearing mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10525-10541.	1.6	24
27	TRIM47 is a novel endothelial activation factor that aggravates lipopolysaccharide-induced acute lung injury in mice via K63-linked ubiquitination of TRAF2. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 148.	7.1	23
28	Cardiomyocyte orientation modulated by the Numb family proteinsâ€N-cadherin axis is essential for ventricular wall morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15560-15569.	3.3	22
29	Asiatic acid protects against myocardial ischemia/reperfusion injury via modulation of glycometabolism in rat cardiomyocyte. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 3573-3582.	2.0	20
30	Human amniotic mesenchymal stem cells-derived IGFBP-3, DKK-3, and DKK-1 attenuate liver fibrosis through inhibiting hepatic stellate cell activation by blocking Wnt/ β -catenin signaling pathway in mice. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	20
31	Adipocyte-derived PAMM suppresses macrophage inflammation by inhibiting MAPK signalling. <i>Biochemical Journal</i> , 2015, 472, 309-318.	1.7	19
32	Effects of antioxidants on the quality and genomic stability of induced pluripotent stem cells. <i>Scientific Reports</i> , 2014, 4, 3779.	1.6	18
33	CD38 Deficiency Promotes Inflammatory Response through Activating Sirt1/NF- κ B-Mediated Inhibition of TLR2 Expression in Macrophages. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.	1.4	18
34	Increased expression of formin-like 3 contributes to metastasis and poor prognosis in colorectal carcinoma. <i>Experimental and Molecular Pathology</i> , 2015, 98, 260-267.	0.9	17
35	A Cocktail-Inspired Male Birth Control Strategy with Physical/Chemical Dual Contraceptive Effects and Remote Self-Cleared Properties. <i>ACS Nano</i> , 2019, 13, 1003-1011.	7.3	17
36	Development of a novel liposomal nanodelivery system for bioluminescence imaging and targeted drug delivery in ErbB2-overexpressing metastatic ovarian carcinoma. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1225-1232.	1.8	14

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37	Calstabin 2: An important regulator for learning and memory in mice. <i>Scientific Reports</i> , 2016, 6, 21087.	1.6	14
38	Human amniotic stem cells-derived exosomal miR-181a-5p and miR-199a inhibit melanogenesis and promote melanosome degradation in skin hyperpigmentation, respectively. <i>Stem Cell Research and Therapy</i> , 2021, 12, 501.	2.4	14
39	FKBP12.6 protects heart from AngII-induced hypertrophy through inhibiting Ca ²⁺ /calmodulin-mediated signalling pathways in vivo and in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3638-3651.	1.6	13
40	17 β -Estradiol Promotes Apoptosis in Airway Smooth Muscle Cells Through CD38/SIRT1/p53 Pathway. <i>Frontiers in Endocrinology</i> , 2018, 9, 770.	1.5	11
41	Attenuated Salmonella engineered with an apoptosis-inducing factor (AIF) eukaryotic expressing system enhances its anti-tumor effect in melanoma in vitro and in vivo. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3517-3528.	1.7	11
42	Human amniotic mesenchymal stem cells-conditioned medium protects mice from high-fat diet-induced obesity. <i>Stem Cell Research and Therapy</i> , 2021, 12, 364.	2.4	11
43	Nicaraven inhibits TNF α -induced endothelial activation and inflammation through suppression of NF- κ B signaling pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 803-811.	0.7	11
44	Pharmacological inhibition of MALT1 protease activity suppresses endothelial activation via enhancing MCP1 expression. <i>Cellular Signalling</i> , 2018, 50, 1-8.	1.7	9
45	Specific deletion of CDC42 in pancreatic β cells attenuates glucose-induced insulin expression and secretion in mice. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 111004.	1.6	9
46	AIMP3 inhibits cell growth and metastasis of lung adenocarcinoma through activating a miR-96a-5p-AIMP3-p53 axis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 3019-3030.	1.6	9
47	Bone marrow cells are differentiated into MDSCs by BCCx through downregulating the expression of CXCR4 and activating STAT3 signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5497-5510.	1.6	9
48	Recruitment of monocytes and epigenetic silencing of intratumoral CYP7B1 primarily contribute to the accumulation of 27-hydroxycholesterol in breast cancer. <i>American Journal of Cancer Research</i> , 2019, 9, 2194-2208.	1.4	9
49	Human Menstrual Blood-Derived Stem Cells Inhibit the Proliferation of HeLa Cells via TGF- β 1-Mediated JNK/P21 Signaling Pathways. <i>Stem Cells International</i> , 2019, 2019, 1-18.	1.2	8
50	Nociceptin impairs acquisition of novel object recognition memory in perirhinal cortex. <i>Neurobiology of Learning and Memory</i> , 2019, 162, 9-14.	1.0	8
51	Tautomerase Activity-Lacking of the Macrophage Migration Inhibitory Factor Alleviates the Inflammation and Insulin Tolerance in High Fat Diet-Induced Obese Mice. <i>Frontiers in Endocrinology</i> , 2020, 11, 134.	1.5	8
52	Selective degradation of plasmid-derived mRNAs by MCP1 RNase. <i>Biochemical Journal</i> , 2019, 476, 2927-2938.	1.7	6
53	TRIM65 Promotes Cervical Cancer Through Selectively Degrading p53-Mediated Inhibition of Autophagy and Apoptosis. <i>Frontiers in Oncology</i> , 2022, 12, 853935.	1.3	5
54	Inhibition of brain-type glycogen phosphorylase ameliorates high glucose-induced cardiomyocyte apoptosis via Akt-HIF-1 α activation. <i>Biochemistry and Cell Biology</i> , 2020, 98, 458-465.	0.9	4

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55	The key regulation of miR-124â€³p during reprogramming of primary mouse hepatocytes into insulin-producing cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 315-321.	1.0	4
56	Role of lateral amygdala calstabin2 in regulation of fear memory. <i>Molecular Brain</i> , 2020, 13, 35.	1.3	2
57	Mediator complex components are frequent targets for genetic alterations in various types of human cancer. <i>Journal of Genetics and Genomics</i> , 2017, 44, 587-591.	1.7	0