

Bin Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,417
citations

361296

20
h-index

501076

28
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29
all docs

29
docs citations

29
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroptosis, a novel pharmacological mechanism of anti-cancer drugs. <i>Cancer Letters</i> , 2020, 483, 127-136.	3.2	308
2	Cell-free therapy based on adipose tissue stem cell-derived exosomes promotes wound healing via the PI3K/Akt signaling pathway. <i>Experimental Cell Research</i> , 2018, 370, 333-342.	1.2	234
3	Exosomes derived from human amniotic epithelial cells accelerate wound healing and inhibit scar formation. <i>Journal of Molecular Histology</i> , 2017, 48, 121-132.	1.0	141
4	Anticancer mechanisms of metformin: A review of the current evidence. <i>Life Sciences</i> , 2020, 254, 117717.	2.0	69
5	Hypoxia drives the transition of human dermal fibroblasts to a myofibroblast-like phenotype via the TGF- β 1/Smad3 pathway. <i>International Journal of Molecular Medicine</i> , 2017, 39, 153-159.	1.8	68
6	The Effect of Abnormal Iron Metabolism on Osteoporosis. <i>Biological Trace Element Research</i> , 2020, 195, 353-365.	1.9	60
7	MicroRNA-21 Regulates hTERT via PTEN in Hypertrophic Scar Fibroblasts. <i>PLoS ONE</i> , 2014, 9, e97114.	1.1	59
8	Human amniotic epithelial stem cells promote wound healing by facilitating migration and proliferation of keratinocytes via ERK, JNK and AKT signaling pathways. <i>Cell and Tissue Research</i> , 2016, 365, 85-99.	1.5	46
9	Exosomal MicroRNAs Derived from Human Amniotic Epithelial Cells Accelerate Wound Healing by Promoting the Proliferation and Migration of Fibroblasts. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	46
10	MiR-10a and miR-181c regulate collagen type I generation in hypertrophic scars by targeting PAI-1 and uPA. <i>FEBS Letters</i> , 2015, 589, 380-389.	1.3	37
11	Efficacy and safety of BRAF inhibition alone versus combined BRAF and MEK inhibition in melanoma: a meta-analysis of randomized controlled trials. <i>Oncotarget</i> , 2017, 8, 32258-32269.	0.8	37
12	Novel Biomedical Functions of Surfactin A from <i>Bacillus subtilis</i> in Wound Healing Promotion and Scar Inhibition. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6987-6997.	2.4	32
13	Murine Sertoli cells promote the development of tolerogenic dendritic cells: a pivotal role of galectin-1. <i>Immunology</i> , 2016, 148, 253-265.	2.0	31
14	Wnt4 negatively regulates the TGF- β 1-induced human dermal fibroblast-to-myofibroblast transition via targeting Smad3 and ERK. <i>Cell and Tissue Research</i> , 2020, 379, 537-548.	1.5	28
15	The role of iron metabolism in cancer therapy focusing on tumor-associated macrophages. <i>Journal of Cellular Physiology</i> , 2019, 234, 8028-8039.	2.0	26
16	Iron overload induces apoptosis of osteoblast cells via eliciting ER stress-mediated mitochondrial dysfunction and p-eIF2 β /ATF4/CHOP pathway in vitro. <i>Cellular Signalling</i> , 2021, 84, 110024.	1.7	25
17	Human amniotic epithelial cells attenuate TGF- β 1-induced human dermal fibroblast transformation to myofibroblasts via TGF- β 1/Smad3 pathway. <i>Cytotherapy</i> , 2016, 18, 1012-1024.	0.3	21
18	Autophagy protein LC3 regulates the fibrosis of hypertrophic scar by controlling Bcl-xL in dermal fibroblasts. <i>Oncotarget</i> , 2017, 8, 93757-93770.	0.8	21

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19	Curcumin pretreatment prevents hydrogen peroxide-induced oxidative stress through enhanced mitochondrial function and deactivation of Akt/Erk signaling pathways in rat bone marrow mesenchymal stem cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 443, 37-45.	1.4	20
20	Simultaneous deactivation of FAK and Src improves the pathology of hypertrophic scar. <i>Scientific Reports</i> , 2016, 6, 26023.	1.6	17
21	HO-1: A new potential therapeutic target to combat osteoporosis. <i>European Journal of Pharmacology</i> , 2021, 906, 174219.	1.7	14
22	PKC δ as a promising therapeutic target for TNF α -induced inflammatory disorders in chronic cutaneous wounds. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1335-1346.	1.8	12
23	ADAR1 prevents small intestinal injury from inflammation in a murine model of sepsis. <i>Cytokine</i> , 2018, 104, 30-37.	1.4	10
24	Labile iron affects pharmacological ascorbate-induced toxicity in osteosarcoma cell lines. <i>Free Radical Research</i> , 2020, 54, 385-396.	1.5	9
25	Allogeneic adipose-derived stem cells promote survival of fat grafts in immunocompetent diabetic rats. <i>Cell and Tissue Research</i> , 2016, 364, 357-367.	1.5	8
26	Abcb1a and Abcb1b genes function differentially in blood–testis barrier dynamics in the rat. <i>Cell Death and Disease</i> , 2017, 8, e3038-e3038.	2.7	6
27	Letter to the Editor Regarding Microneedle-Mediated Biomimetic Cyclodextrin Metal Organic Frameworks for Active Targeting and Treatment of Hypertrophic Scars. <i>ACS Nano</i> , 2022, 16, 8507-8508.	7.3	2