

Fei Shi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

569
citations

623734

14
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642732

23
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24
all docs

24
docs citations

24
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Simulated Microgravity on Human Umbilical Vein Endothelial Cell Angiogenesis and Role of the PI3K-Akt-eNOS Signal Pathway. PLoS ONE, 2012, 7, e40365.	2.5	73
2	MicroRNA-139-3p regulates osteoblast differentiation and apoptosis by targeting ELK1 and interacting with long noncoding RNA ODSM. Cell Death and Disease, 2018, 9, 1107.	6.3	64
3	Activation of G protein-coupled estrogen receptor 1 (GPER-1) ameliorates blood-brain barrier permeability after global cerebral ischemia in ovariectomized rats. Biochemical and Biophysical Research Communications, 2016, 477, 209-214.	2.1	51
4	MiR-103a-3p targets the m ⁶ A methyltransferase METTL14 to inhibit osteoblastic bone formation. Aging Cell, 2021, 20, e13298.	6.7	47
5	MiR-30 family members inhibit osteoblast differentiation by suppressing Runx2 under unloading conditions in MC3T3-E1 cells. Biochemical and Biophysical Research Communications, 2020, 522, 164-170.	2.1	37
6	GPER1 mediates estrogen-induced neuroprotection against oxygen-glucose deprivation in the primary hippocampal neurons. Neuroscience, 2016, 328, 117-126.	2.3	29
7	Targeted silencing of miRNA-132-3p expression rescues disuse osteopenia by promoting mesenchymal stem cell osteogenic differentiation and osteogenesis in mice. Stem Cell Research and Therapy, 2020, 11, 58.	5.5	28
8	Targeted overexpression of the long noncoding RNA ODSM can regulate osteoblast function in vitro and in vivo. Cell Death and Disease, 2020, 11, 133.	6.3	27
9	Osteoblast-targeted delivery of miR-33-5p attenuates osteopenia development induced by mechanical unloading in mice. Cell Death and Disease, 2018, 9, 170.	6.3	26
10	Bone-targeted lncRNA OGRU alleviates unloading-induced bone loss via miR-320-3p/Hoxa10 axis. Cell Death and Disease, 2020, 11, 382.	6.3	25
11	Autophagy protects HUVECs against ER stress-mediated apoptosis under simulated microgravity. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 812-825.	4.9	23
12	Clinorotation-induced autophagy via HDM2-p53-mTOR pathway enhances cell migration in vascular endothelial cells. Cell Death and Disease, 2018, 9, 147.	6.3	22
13	Simulated microgravity reduces intracellular free calcium concentration by inhibiting calcium channels in primary mouse osteoblasts. Journal of Cellular Biochemistry, 2019, 120, 4009-4020.	2.6	22
14	The Impact of Simulated Weightlessness on Endothelium-Dependent Angiogenesis and the Role of Caveolae/Caveolin-1. Cellular Physiology and Biochemistry, 2016, 38, 502-513.	1.6	21
15	miR-181c-5p mediates simulated microgravity-induced impaired osteoblast proliferation by promoting cell cycle arrested in the G ₂ phase. Journal of Cellular and Molecular Medicine, 2019, 23, 3302-3316.	3.6	14
16	The RNA-binding protein QKI suppresses tumorigenesis of clear cell renal cell carcinoma by regulating the expression of HIF-1 β . Journal of Cancer, 2020, 11, 1359-1370.	2.5	13
17	Transcutaneous Electrical Acupuncture Stimulation as a Countermeasure against Cardiovascular Deconditioning during 4 \pm ...days of Head-Down Bed Rest in Humans. Acupuncture in Medicine, 2015, 33, 381-387.	1.0	11
18	A modified method to reduce variable outcomes in a rat model of four-vessel arterial occlusion. Neurological Research, 2016, 38, 1102-1110.	1.3	10

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19	Genome-wide analysis and prediction of functional long noncoding RNAs in osteoblast differentiation under simulated microgravity. <i>Molecular Medicine Reports</i> , 2017, 16, 8180-8188.	2.4	10
20	Circulating Exosomes from Mice with LPS-Induced Bone Loss Inhibit Osteoblast Differentiation. <i>Calcified Tissue International</i> , 2022, 111, 185-195.	3.1	6
21	The combined effects of simulated microgravity and X-ray radiation on MC3T3-E1 cells and rat femurs. <i>Npj Microgravity</i> , 2021, 7, 3.	3.7	4
22	The small protein MafG plays a critical role in MC3T3-E1 cell apoptosis induced by simulated microgravity and radiation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 555, 175-181.	2.1	3
23	HDAC6 Negatively Regulates miR-155-5p Expression to Elicit Proliferation by Targeting RHEB in Microvascular Endothelial Cells under Mechanical Unloading. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10527.	4.1	3