Weichun Guo

List of Publications by Year
in descending order

40 papers	818 citations	471509 17 h-index	526287 27 g-index
41 all docs	41 docs citations	41 times ranked	1261 citing authors

#	Article	IF	Citations
1	Uridine relieves MSCs and chondrocyte senescence in vitvo and exhibits the potential to treat osteoarthritis in vivo. Cell Cycle, 2022, 21, 33-48.	2.6	6
2	Comprehensive Analysis of a Zinc Finger Protein Geneâ€“Based Signature with Regard to Prognosis and Tumor Immune Microenvironment in Osteosarcoma. Frontiers in Genetics, 2022, 13, 835014.	2.3	6
3	Identification of a Solute Carrier Family-Based Signature for Predicting Overall Survival in Osteosarcoma. Frontiers in Genetics, 2022, 13, 849789.	2.3	6
4	MicroRNA-629-5p promotes osteosarcoma proliferation and migration by targeting caveolin 1. Brazilian Journal of Medical and Biological Research, 2021, 54, e10474.	1.5	6
5	A bioactive magnesium phosphate cement incorporating chondroitin sulfate for bone regeneration. Biomedical Materials (Bristol), 2021, 16, 035034.	3.3	20
6	Î²-Elemene Enhances the Sensitivity of Osteosarcoma Cells to Doxorubicin via Downregulation of Peroxiredoxin-1. OncoTargets and Therapy, 2021, Volume 14, 3599-3609.	2.0	7
7	A Novel Six Metastasis-Related Prognostic Gene Signature for Patients With Osteosarcoma. Frontiers in Cell and Developmental Biology, 2021, 9, 699212.	3.7	11
8	Predictive Value of Neutrophil/Lymphocyte Ratio (NLR) on Cardiovascular Events in Patients with COVID-19. International Journal of General Medicine, 2021, Volume 14, 3899-3907.	1.8	12
9	Enhancing the mechanical properties and cytocompatibility of magnesium potassium phosphate cement by incorporating oxygen-carboxymethyl chitosan. International Journal of Energy Production and Management, 2021, 8, rbaa048.	3.7	15
10	Human umbilical vein endothelial cells derived-exosomes promote osteosarcoma cell stemness by activating Notch signaling pathway. Bioengineered, 2021, 12, 11007-11017.	3.2	9
11	N6-Methyladenosine-Related lncRNAs Are Potential Prognostic Biomarkers and Correlated With Tumor Immune Microenvironment in Osteosarcoma. Frontiers in Genetics, 2021, 12, 805607.	2.3	8
12	miR-1270 enhances the proliferation, migration, and invasion of osteosarcoma via targeting cingulin. European Journal of Histochemistry, 2021, 65, .	1.5	4
13	CDKN2B-AS1Exerts Oncogenic Role in Osteosarcoma by Promoting Cell Proliferation and Epithelial to Mesenchymal Transition. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 58-65.	1.0	14
14	Proscillaridin A induces apoptosis and inhibits the metastasis of osteosarcoma inÂvitro and inÂvivo. Biochemical and Biophysical Research Communications, 2020, 521, 880-886.	2.1	11
15	LncRNA PLAC 2 Is Downregulated in Osteosarcoma and Regulates Cancer Cell Proliferation Through miR-93 . Cancer Management and Research, 2020, Volume 12, 3623-3629.	1.9	1
16	FBXO2 modulates STAT3 signaling to regulate proliferation and tumorigenicity of osteosarcoma cells. Cancer Cell International, 2020, 20, 245.	4.1	5
17	An injectable bioactive magnesium phosphate cement incorporating carboxymethyl chitosan for bone regeneration. International Journal of Biological Macromolecules, 2020, 160, 101-111.	7.5	41
18	Notch pathway inhibition using DAPT, a Î³â€secretase inhibitor (GSI), enhances the antitumor effect of cisplatin in resistant osteosarcoma. Molecular Carcinogenesis, 2019, 58, 3-18.	2.7	46

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19	Coronal and sagittal spinal alignment in lumbar disc herniation with scoliosis and trunk shift. Journal of Orthopaedic Surgery and Research, 2019, 14, 264.	2.3	9
20	The Notch Pathway Promotes Osteosarcoma Progression through Activation of Ephrin Reverse Signaling. Molecular Cancer Research, 2019, 17, 2383-2394.	3.4	27
21	Relationship between red cell distribution width and prognosis of patients with osteosarcoma. Bioscience Reports, 2019, 39, .	2.4	12
22	Cinobufagin Induces Apoptosis in Osteosarcoma Cells Via the Mitochondria-Mediated Apoptotic Pathway. Cellular Physiology and Biochemistry, 2018, 46, 1134-1147.	1.6	44
23	miR-143-3p inhibits the proliferation, migration and invasion in osteosarcoma by targeting FOSL2. Scientific Reports, 2018, 8, 606.	3.3	83
24	Synergistic effect of docetaxel combined with cisplatin on inhibiting human osteosarcoma in nude mice. Biochemical and Biophysical Research Communications, 2018, 505, 372-377.	2.1	10
25	MicroRNA-192-5p suppresses the initiation and progression of osteosarcoma by targeting USP1. Oncology Letters, 2018, 15, 6947-6956.	1.8	20
26	Notch signaling is important for epithelial-mesenchymal transition induced by low concentrations of doxorubicin in osteosarcoma cell lines. Oncology Letters, 2017, 13, 2260-2268.	1.8	21
27	Erythropoietin facilitates the recruitment of bone marrow mesenchymal stem cells to sites of spinal cord injury. Experimental and Therapeutic Medicine, 2017, 13, 1806-1812.	1.8	15
28	Telomerase reverse transcriptase promotes chemoresistance by suppressing cisplatin-dependent apoptosis in osteosarcoma cells. Scientific Reports, 2017, 7, 7070.	3.3	25
29	miR-335 negatively regulates osteosarcoma stem cell-like properties by targeting POU5F1. Cancer Cell International, 2017, 17, 29.	4.1	31
30	Cinobufagin induces apoptosis of osteosarcoma cells through inactivation of Notch signaling. European Journal of Pharmacology, 2017, 794, 77-84.	3.5	44
31	Baicalein inhibits progression of osteosarcoma cells through inactivation of the Wnt/Î²-catenin signaling pathway. Oncotarget, 2017, 8, 86098-86116.	1.8	28
32	The synergistic antitumor effect of cinobufagin and cisplatin in human osteosarcoma cell line in vitro and in vivo. Oncotarget, 2017, 8, 85150-85168.	1.8	17
33	Cisplatin promotes mesenchymal-like characteristics in osteosarcoma through Snail. Oncology Letters, 2016, 12, 5007-5014.	1.8	28
34	Cisplatin-resistant osteosarcoma cells possess cancer stem cell properties in a mouse model. Oncology Letters, 2016, 12, 2599-2605.	1.8	17
35	Construction of recombinant pEGFP-N1-hPer2 plasmid and its expression in osteosarcoma cells. Oncology Letters, 2016, 11, 2768-2772.	1.8	3
36	Cisplatin selects for stem-like cells in osteosarcoma by activating Notch signaling. Oncotarget, 2016, 7, 33055-33068.	1.8	60

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37	Doxorubicin activates the Notch signaling pathway in osteosarcoma. Oncology Letters, 2015, 9, 2905-2909.	1.8	12
38	Effect of SDF-1/CXCR4 axis on the migration of transplanted bone mesenchymal stem cells mobilized by erythropoietin toward lesion sites following spinal cord injury. International Journal of Molecular Medicine, 2015, 36, 1205-1214.	4.0	50
39	A biomechanical and histological comparison of the suture bridge and conventional double-row techniques of the repair of full-thickness rotator cuff tears in a rabbit model. BMC Musculoskeletal Disorders, 2015, 16, 148.	1.9	7
40	hTERT promoter activity identifies osteosarcoma cells with increased EMT characteristics. Oncology Letters, 2014, 7, 239-244.	1.8	27