

Weichun Guo

List of Publications by Year in descending order

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Version: 2024-02-01

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	miR-143-3p inhibits the proliferation, migration and invasion in osteosarcoma by targeting FOSL2. <i>Scientific Reports</i> , 2018, 8, 606.	3.3	83
2	Cisplatin selects for stem-like cells in osteosarcoma by activating Notch signaling. <i>Oncotarget</i> , 2016, 7, 33055-33068.	1.8	60
3	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. <i>International Journal of Molecular Medicine</i> , 2015, 36, 1205-1214.	4.0	50
4	Notch pathway inhibition using DAPT, a γ -secretase inhibitor (GSI), enhances the antitumor effect of cisplatin in resistant osteosarcoma. <i>Molecular Carcinogenesis</i> , 2019, 58, 3-18.	2.7	46
5	Cinobufagin induces apoptosis of osteosarcoma cells through inactivation of Notch signaling. <i>European Journal of Pharmacology</i> , 2017, 794, 77-84.	3.5	44
6	Cinobufagin Induces Apoptosis in Osteosarcoma Cells Via the Mitochondria-Mediated Apoptotic Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1134-1147.	1.6	44
7	An injectable bioactive magnesium phosphate cement incorporating carboxymethyl chitosan for bone regeneration. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 101-111.	7.5	41
8	miR-335 negatively regulates osteosarcoma stem cell-like properties by targeting POU5F1. <i>Cancer Cell International</i> , 2017, 17, 29.	4.1	31
9	Cisplatin promotes mesenchymal-like characteristics in osteosarcoma through Snail. <i>Oncology Letters</i> , 2016, 12, 5007-5014.	1.8	28
10	Baicalein inhibits progression of osteosarcoma cells through inactivation of the Wnt/ β 2-catenin signaling pathway. <i>Oncotarget</i> , 2017, 8, 86098-86116.	1.8	28
11	hTERT promoter activity identifies osteosarcoma cells with increased EMT characteristics. <i>Oncology Letters</i> , 2014, 7, 239-244.	1.8	27
12	The Notch Pathway Promotes Osteosarcoma Progression through Activation of Ephrin Reverse Signaling. <i>Molecular Cancer Research</i> , 2019, 17, 2383-2394.	3.4	27
13	Telomerase reverse transcriptase promotes chemoresistance by suppressing cisplatin-dependent apoptosis in osteosarcoma cells. <i>Scientific Reports</i> , 2017, 7, 7070.	3.3	25
14	Notch signaling is important for epithelial-mesenchymal transition induced by low concentrations of doxorubicin in osteosarcoma cell lines. <i>Oncology Letters</i> , 2017, 13, 2260-2268.	1.8	21
15	MicroRNA-192-5p suppresses the initiation and progression of osteosarcoma by targeting USP1. <i>Oncology Letters</i> , 2018, 15, 6947-6956.	1.8	20
16	A bioactive magnesium phosphate cement incorporating chondroitin sulfate for bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 035034.	3.3	20
17	Cisplatin-resistant osteosarcoma cells possess cancer stem cell properties in a mouse model. <i>Oncology Letters</i> , 2016, 12, 2599-2605.	1.8	17
18	The synergistic antitumor effect of cinobufagin and cisplatin in human osteosarcoma cell line <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2017, 8, 85150-85168.	1.8	17

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19	Erythropoietin facilitates the recruitment of bone marrow mesenchymal stem cells to sites of spinal cord injury. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1806-1812.	1.8	15
20	Enhancing the mechanical properties and cytocompatibility of magnesium potassium phosphate cement by incorporating oxygen-carboxymethyl chitosan. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbaa048.	3.7	15
21	<i>CDKN2B-AS1</i> Exerts Oncogenic Role in Osteosarcoma by Promoting Cell Proliferation and Epithelial to Mesenchymal Transition. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020, 35, 58-65.	1.0	14
22	Doxorubicin activates the Notch signaling pathway in osteosarcoma. <i>Oncology Letters</i> , 2015, 9, 2905-2909.	1.8	12
23	Predictive Value of Neutrophil/Lymphocyte Ratio (NLR) on Cardiovascular Events in Patients with COVID-19. <i>International Journal of General Medicine</i> , 2021, Volume 14, 3899-3907.	1.8	12
24	Relationship between red cell distribution width and prognosis of patients with osteosarcoma. <i>Bioscience Reports</i> , 2019, 39, .	2.4	12
25	Proscillaridin A induces apoptosis and inhibits the metastasis of osteosarcoma in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 880-886.	2.1	11
26	A Novel Six Metastasis-Related Prognostic Gene Signature for Patients With Osteosarcoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699212.	3.7	11
27	Synergistic effect of docetaxel combined with cisplatin on inhibiting human osteosarcoma in nude mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 372-377.	2.1	10
28	Coronal and sagittal spinal alignment in lumbar disc herniation with scoliosis and trunk shift. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 264.	2.3	9
29	Human umbilical vein endothelial cells derived-exosomes promote osteosarcoma cell stemness by activating Notch signaling pathway. <i>Bioengineered</i> , 2021, 12, 11007-11017.	3.2	9
30	N6-Methyladenosine-Related lncRNAs Are Potential Prognostic Biomarkers and Correlated With Tumor Immune Microenvironment in Osteosarcoma. <i>Frontiers in Genetics</i> , 2021, 12, 805607.	2.3	8
31	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. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 148.	1.9	7
32	Î²-Elemene Enhances the Sensitivity of Osteosarcoma Cells to Doxorubicin via Downregulation of Peroxiredoxin-1. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 3599-3609.	2.0	7
33	MicroRNA-629-5p promotes osteosarcoma proliferation and migration by targeting caveolin 1. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10474.	1.5	6
34	Uridine relieves MSCs and chondrocyte senescence in vitro and exhibits the potential to treat osteoarthritis in vivo. <i>Cell Cycle</i> , 2022, 21, 33-48.	2.6	6
35	Comprehensive Analysis of a Zinc Finger Protein Gene-Based Signature with Regard to Prognosis and Tumor Immune Microenvironment in Osteosarcoma. <i>Frontiers in Genetics</i> , 2022, 13, 835014.	2.3	6
36	Identification of a Solute Carrier Family-Based Signature for Predicting Overall Survival in Osteosarcoma. <i>Frontiers in Genetics</i> , 2022, 13, 849789.	2.3	6

#	ARTICLE	IF	CITATIONS
37	FBXO2 modulates STAT3 signaling to regulate proliferation and tumorigenicity of osteosarcoma cells. <i>Cancer Cell International</i> , 2020, 20, 245.	4.1	5
38	miR-1270 enhances the proliferation, migration, and invasion of osteosarcoma & via targeting cingulin. <i>European Journal of Histochemistry</i> , 2021, 65, .	1.5	4
39	Construction of recombinant pEGFP-N1-hPer2 plasmid and its expression in osteosarcoma cells. <i>Oncology Letters</i> , 2016, 11, 2768-2772.	1.8	3
40	& p& LncRNA PLAC 2 Is Downregulated in Osteosarcoma and Regulates Cancer Cell Proliferation Through miR-93& . <i>Cancer Management and Research</i> , 2020, Volume 12, 3623-3629.	1.9	1