Hua Wu

List of Publications by Year
in descending order

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		346980	286692
59	2,085	22	43
papers	citations	h-index	g-index

61	61	61	3771
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cellular heterogeneity and transcriptomic profiles during intrahepatic cholangiocarcinoma initiation and progression. Hepatology, 2022, 76, 1302-1317.	3.6	13
2	Do Radiographic Results of Transforaminal Lumbar Interbody Fusion Vary with Cage Position in Patients with Degenerative Lumbar Diseases?. Orthopaedic Surgery, 2022, 14, 730-741.	0.7	3
3	Targeting ROCK1/2 blocks cell division and induces mitotic catastrophe in hepatocellular carcinoma. Biochemical Pharmacology, 2021, 184, 114353.	2.0	12
4	Low-frequency electromagnetic fields combined with tissue engineering techniques accelerate intervertebral fusion. Stem Cell Research and Therapy, 2021, 12, 143.	2.4	9
5	Sinusoidal electromagnetic fields accelerate bone regeneration by boosting the multifunctionality of bone marrow mesenchymal stem cells. Stem Cell Research and Therapy, 2021, 12, 234.	2.4	4
6	Rhoifolin Ameliorates Osteoarthritis via Regulating Autophagy. Frontiers in Pharmacology, 2021, 12, 661072.	1.6	14
7	Selonsertib Alleviates the Progression of Rat Osteoarthritis: An in vitro and in vivo Study. Frontiers in Pharmacology, 2021, 12, 687033.	1.6	7
8	Efficacy of gelatin sponge impregnated with ropivacaine on postoperative pain after transforaminal lumbar interbody fusion: a comparative study. BMC Musculoskeletal Disorders, 2021, 22, 660.	0.8	2
9	Hydrogel-hydroxyapatite-monomeric collagen type-I scaffold with low-frequency electromagnetic field treatment enhances osteochondral repair in rabbits. Stem Cell Research and Therapy, 2021, 12, 572.	2.4	15
10	The Preventive Effect of Decorin on Epidural Fibrosis and Epidural Adhesions After Laminectomy. Frontiers in Pharmacology, 2021, 12, 774316.	1.6	9
11	Osteosarcoma and Metastasis. Frontiers in Oncology, 2021, 11, 780264.	1.3	70
12	Prognostic value of CDCA3 in kidney renal papillary cell carcinoma. Aging, 2021, 13, 25466-25483.	1.4	4
13	Effects of electromagnetic fields treatment on rat critical-sized calvarial defects with a 3D-printed composite scaffold. Stem Cell Research and Therapy, 2020, 11, 433.	2.4	17
14	Biomineralization Precursor Carrier System Based on Carboxyl-Functionalized Large Pore Mesoporous Silica Nanoparticles. Current Medical Science, 2020, 40, 155-167.	0.7	12
15	Enhanced osteogenesis of bone marrow stem cells cultured on hydroxyapatite/collagen I scaffold in the presence of low-frequency magnetic field. Journal of Materials Science: Materials in Medicine, 2019, 30, 89.	1.7	17
16	Isorhapontigenin Suppresses Interleukin-1Î²-Induced Inflammation and Cartilage Matrix Damage in Rat Chondrocytes. Inflammation, 2019, 42, 2278-2285.	1.7	19
17	Liquiritigenin inhibits IL-1Î²-induced inflammation and cartilage matrix degradation in rat chondrocytes. European Journal of Pharmacology, 2019, 858, 172445.	1.7	24
18	Effect of cyclic compression on bone marrow mesenchymal stromal cells in tissue engineered cartilage scaffold. Journal of Biomedical Materials Research - Part A, 2019, 107, 1294-1302.	2.1	13

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19	Highlyâ€expressed P2X7 receptor promotes growth and metastasis of human HOS/MNNG osteosarcoma cells via PI3K/Akt/GSK3Î²/Î²â€catenin and mTOR/HIF1Î±/VEGF signaling. International Journal of Cancer, 2019, 145, 1068-1082.	2.3	108
20	Schisandrin A Inhibits the IL-1Î²-Induced Inflammation and Cartilage Degradation via Suppression of MAPK and NF-ÎºB Signal Pathways in Rat Chondrocytes. Frontiers in Pharmacology, 2019, 10, 41.	1.6	56
21	The combinatory effect of sinusoidal electromagnetic field and VEGF promotes osteogenesis and angiogenesis of mesenchymal stem cell-laden PCL/HA implants in a rat subcritical cranial defect. Stem Cell Research and Therapy, 2019, 10, 379.	2.4	18
22	Combined artificial high-silicate medium and LED illumination promote carotenoid accumulation in the marine diatom Phaeodactylum tricornutum. Microbial Cell Factories, 2019, 18, 209.	1.9	27
23	Electromagnetic field treatment increases purinergic receptor P2X7 expression and activates its downstream Akt/GSK3Î²/Î²-catenin axis in mesenchymal stem cells under osteogenic induction. Stem Cell Research and Therapy, 2019, 10, 407.	2.4	16
24	The synergistic effect of bone forming peptideâ€1 and endothelial progenitor cells to promote vascularization of tissue engineered bone. Journal of Biomedical Materials Research - Part A, 2018, 106, 1008-1021.	2.1	21
25	Extremely low frequency electromagnetic fields promote mesenchymal stem cell migration by increasing intracellular Ca2+ and activating the FAK/Rho GTPases signaling pathways in vitro. Stem Cell Research and Therapy, 2018, 9, 143.	2.4	35
26	Hypoxia promotes maintenance of the chondrogenic phenotype in rat growth plate chondrocytes through the HIF-1Î±/YAP signaling pathway. International Journal of Molecular Medicine, 2018, 42, 3181-3192.	1.8	34
27	Leptin Receptor Expression in Mouse Intracranial Perivascular Cells. Frontiers in Neuroanatomy, 2018, 12, 4.	0.9	25
28	The legacy effects of electromagnetic fields on bone marrow mesenchymal stem cell self-renewal and multiple differentiation potential. Stem Cell Research and Therapy, 2018, 9, 215.	2.4	23
29	Effects of electromagnetic fields on bone loss in hyperthyroidism rat model. Bioelectromagnetics, 2017, 38, 137-150.	0.9	8
30	Twist1 Enhances Hypoxia Induced Radioresistance in Cervical Cancer Cells by Promoting Nuclear EGFR Localization. Journal of Cancer, 2017, 8, 345-353.	1.2	24
31	Enrichment of CD44 in basal-type breast cancer correlates with EMT, cancer stem cell gene profile, and prognosis. OncoTargets and Therapy, 2016, 9, 431.	1.0	50
32	Regulation of the osteogenic and adipogenic differentiation of bone marrow-derived stromal cells by extracellular uridine triphosphate: The role of P2Y2 receptor and ERK1/2 signaling. International Journal of Molecular Medicine, 2016, 37, 63-73.	1.8	41
33	Lipopolysacharide Rapidly and Completely Suppresses AgRP Neuron-Mediated Food Intake in Male Mice. Endocrinology, 2016, 157, 2380-2392.	1.4	23
34	Effects of electromagnetic fields on osteoporosis: A systematic literature review. Electromagnetic Biology and Medicine, 2016, 35, 384-390.	0.7	17
35	Effects of electromagnetic fields on the metabolism of lubricin of rat chondrocytes. Connective Tissue Research, 2016, 57, 152-160.	1.1	4
36	Levels of Cocaine- and Amphetamine-Regulated Transcript in Vagal Afferents in the Mouse Are Unaltered in Response to Metabolic Challenges. ENeuro, 2016, 3, ENEURO.0174-16.2016.	0.9	10

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37	Role of P2Ã—7 receptor in the differentiation of bone marrow stromal cells into osteoblasts and adipocytes. Experimental Cell Research, 2015, 339, 367-379.	1.2	34
38	PPARÎ³ mRNA in the adult mouse hypothalamus: distribution and regulation in response to dietary challenges. Frontiers in Neuroanatomy, 2015, 9, 120.	0.9	12
39	The role of CD44 in epithelial–mesenchymal transition and cancer development. OncoTargets and Therapy, 2015, 8, 3783.	1.0	154
40	Meta-analysis reveals the correlation of Notch signaling with non-small cell lung cancer progression and prognosis. Scientific Reports, 2015, 5, 10338.	1.6	96
41	Non-invasive approaches to monitor EGFR-TKI treatment in non-small-cell lung cancer. Journal of Hematology and Oncology, 2015, 8, 95.	6.9	81
42	Notch signaling: An emerging therapeutic target for cancer treatment. Cancer Letters, 2015, 369, 20-27.	3.2	336
43	Expression of Notch1 Correlates with Breast Cancer Progression and Prognosis. PLoS ONE, 2015, 10, e0131689.	1.1	75
44	DACH1 inhibits lung adenocarcinoma invasion and tumor growth by repressing CXCL5 signaling. Oncotarget, 2015, 6, 5877-5888.	0.8	40
45	Lack of association between bcl-2 expression and prognosis of osteosarcoma: a meta-analysis. International Journal of Clinical and Experimental Medicine, 2015, 8, 9093-9.	1.3	2
46	Interplay of retinal determination gene network with TGF-Î² signaling pathway in epithelial-mesenchymal transition. Stem Cell Investigation, 2015, 2, 12.	1.3	6
47	DACH1 inhibits cyclin D1 expression, cellular proliferation and tumor growth of renal cancer cells. Journal of Hematology and Oncology, 2014, 7, 73.	6.9	54
48	Notch signaling and EMT in non-small cell lung cancer: biological significance and therapeutic application. Journal of Hematology and Oncology, 2014, 7, 87.	6.9	196
49	The effect of electromagnetic fields on the proliferation and the osteogenic or adipogenic differentiation of mesenchymal stem cells modulated by dexamethasone. Bioelectromagnetics, 2014, 35, 479-490.	0.9	26
50	Osteogenic differentiation of bone mesenchymal stem cells regulated by osteoblasts under EMF exposure in a co-culture system. Journal of Huazhong University of Science and Technology [Medical Sciences], 2014, 34, 247-253.	1.0	12
51	The Time-Dependent Manner of Sinusoidal Electromagnetic Fields on Rat Bone Marrow Mesenchymal Stem Cells Proliferation, Differentiation, and Mineralization. Cell Biochemistry and Biophysics, 2014, 69, 47-54.	0.9	27
52	Surgical versus conservative treatment for displaced proximal humeral fractures in elderly patients: a meta-analysis. International Journal of Clinical and Experimental Medicine, 2014, 7, 4607-15.	1.3	16
53	Effect of 1â€‰mT sinusoidal electromagnetic fields on proliferation and osteogenic differentiation of rat bone marrow mesenchymal stromal cells. Bioelectromagnetics, 2013, 34, 453-464.	0.9	35
54	EMF acts on rat bone marrow mesenchymal stem cells to promote differentiation to osteoblasts and to inhibit differentiation to adipocytes. Bioelectromagnetics, 2010, 31, 277-285.	0.9	43

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55	620Nm Red Light Promotes Celluar Viability and Mrna Expression of Collagen Type I in Bone Mesenchymal Stem Cells of Rat. , 2010, , .		2
56	Electromagnetic field change the expression of osteogenesis genes in murine bone marrow mesenchymal stem cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2008, 28, 152-155.	1.0	12
57	Using 99mTc-MIBI to Evaluate the Effects of Chemosensitizer on P-glycoprotein in Multidrug-resistant Carcinoma Cells. Chinese-German Journal of Clinical Oncology, 2005, 4, 83-85.	0.1	0
58	Effect of electromagnetic fields on proliferation and differentiation of cultured mouse bone marrow mesenchymal stem cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2005, 25, 185-187.	1.0	19
59	The partial purification of angiogenesis factor of human osteosarcoma. Chinese-German Journal of Clinical Oncology, 2002, 1, 94-97.	0.1	2