Hua Wu

List of Publications by Year
in descending order

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59 papers	2,085 citations	304743 22 h-index	254184 43 g-index
61 all docs	61 docs citations	61 times ranked	3522 citing authors

#	Article	IF	Citations
1	Notch signaling: An emerging therapeutic target for cancer treatment. Cancer Letters, 2015, 369, 20-27.	7.2	336
2	Notch signaling and EMT in non-small cell lung cancer: biological significance and therapeutic application. Journal of Hematology and Oncology, 2014, 7, 87.	17.0	196
3	The role of CD44 in epithelial–mesenchymal transition and cancer development. OncoTargets and Therapy, 2015, 8, 3783.	2.0	154
4	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.	5.1	108
5	Meta-analysis reveals the correlation of Notch signaling with non-small cell lung cancer progression and prognosis. Scientific Reports, 2015, 5, 10338.	3.3	96
6	Non-invasive approaches to monitor EGFR-TKI treatment in non-small-cell lung cancer. Journal of Hematology and Oncology, 2015, 8, 95.	17.0	81
7	Expression of Notch1 Correlates with Breast Cancer Progression and Prognosis. PLoS ONE, 2015, 10, e0131689.	2.5	75
8	Osteosarcoma and Metastasis. Frontiers in Oncology, 2021, 11, 780264.	2.8	70
9	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.	3.5	56
10	DACH1 inhibits cyclin D1 expression, cellular proliferation and tumor growth of renal cancer cells. Journal of Hematology and Oncology, 2014, 7, 73.	17.0	54
11	Enrichment of CD44 in basal-type breast cancer correlates with EMT, cancer stem cell gene profile, and prognosis. OncoTargets and Therapy, 2016, 9, 431.	2.0	50
12	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.	1.6	43
13	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.	4.0	41
14	DACH1 inhibits lung adenocarcinoma invasion and tumor growth by repressing CXCL5 signaling. Oncotarget, 2015, 6, 5877-5888.	1.8	40
15	Effect of 1â€‰mT sinusoidal electromagnetic fields on proliferation and osteogenic differentiation of rat bone marrow mesenchymal stromal cells. Bioelectromagnetics, 2013, 34, 453-464.	1.6	35
16	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.	5.5	35
17	Role of P2Ã—7 receptor in the differentiation of bone marrow stromal cells into osteoblasts and adipocytes. Experimental Cell Research, 2015, 339, 367-379.	2.6	34
18	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.	4.0	34

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19	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.	1.8	27
20	Combined artificial high-silicate medium and LED illumination promote carotenoid accumulation in the marine diatom Phaeodactylum tricornutum. Microbial Cell Factories, 2019, 18, 209.	4.0	27
21	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.	1.6	26
22	Leptin Receptor Expression in Mouse Intracranial Perivascular Cells. Frontiers in Neuroanatomy, 2018, 12, 4.	1.7	25
23	Twist1 Enhances Hypoxia Induced Radioresistance in Cervical Cancer Cells by Promoting Nuclear EGFR Localization. Journal of Cancer, 2017, 8, 345-353.	2.5	24
24	Liquiritigenin inhibits IL-1Î²-induced inflammation and cartilage matrix degradation in rat chondrocytes. European Journal of Pharmacology, 2019, 858, 172445.	3.5	24
25	Lipopolysacharide Rapidly and Completely Suppresses AgRP Neuron-Mediated Food Intake in Male Mice. Endocrinology, 2016, 157, 2380-2392.	2.8	23
26	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.	5.5	23
27	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.	4.0	21
28	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
29	Isorhapontigenin Suppresses Interleukin-1Î²-Induced Inflammation and Cartilage Matrix Damage in Rat Chondrocytes. Inflammation, 2019, 42, 2278-2285.	3.8	19
30	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.	5.5	18
31	Effects of electromagnetic fields on osteoporosis: A systematic literature review. Electromagnetic Biology and Medicine, 2016, 35, 384-390.	1.4	17
32	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.	3.6	17
33	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.	5.5	17
34	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.	5.5	16
35	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
36	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.	5.5	15

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37	Rhoifolin Ameliorates Osteoarthritis via Regulating Autophagy. Frontiers in Pharmacology, 2021, 12, 661072.	3.5	14
38	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.	4.0	13
39	Cellular heterogeneity and transcriptomic profiles during intrahepatic cholangiocarcinoma initiation and progression. Hepatology, 2022, 76, 1302-1317.	7.3	13
40	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
41	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
42	PPARÎ³ mRNA in the adult mouse hypothalamus: distribution and regulation in response to dietary challenges. Frontiers in Neuroanatomy, 2015, 9, 120.	1.7	12
43	Biomineralization Precursor Carrier System Based on Carboxyl-Functionalized Large Pore Mesoporous Silica Nanoparticles. Current Medical Science, 2020, 40, 155-167.	1.8	12
44	Targeting ROCK1/2 blocks cell division and induces mitotic catastrophe in hepatocellular carcinoma. Biochemical Pharmacology, 2021, 184, 114353.	4.4	12
45	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.	1.9	10
46	Low-frequency electromagnetic fields combined with tissue engineering techniques accelerate intervertebral fusion. Stem Cell Research and Therapy, 2021, 12, 143.	5.5	9
47	The Preventive Effect of Decorin on Epidural Fibrosis and Epidural Adhesions After Laminectomy. Frontiers in Pharmacology, 2021, 12, 774316.	3.5	9
48	Effects of electromagnetic fields on bone loss in hyperthyroidism rat model. Bioelectromagnetics, 2017, 38, 137-150.	1.6	8
49	Selonsertib Alleviates the Progression of Rat Osteoarthritis: An in vitro and in vivo Study. Frontiers in Pharmacology, 2021, 12, 687033.	3.5	7
50	Interplay of retinal determination gene network with TGF-Î² signaling pathway in epithelial-mesenchymal transition. Stem Cell Investigation, 2015, 2, 12.	3.0	6
51	Effects of electromagnetic fields on the metabolism of lubricin of rat chondrocytes. Connective Tissue Research, 2016, 57, 152-160.	2.3	4
52	Sinusoidal electromagnetic fields accelerate bone regeneration by boosting the multifunctionality of bone marrow mesenchymal stem cells. Stem Cell Research and Therapy, 2021, 12, 234.	5.5	4
53	Prognostic value of CDCA3 in kidney renal papillary cell carcinoma. Aging, 2021, 13, 25466-25483.	3.1	4
54	Do Radiographic Results of Transforaminal Lumbar Interbody Fusion Vary with Cage Position in Patients with Degenerative Lumbar Diseases?. Orthopaedic Surgery, 2022, 14, 730-741.	1.8	3

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55	The partial purification of angiogenesis factor of human osteosarcoma. Chinese-German Journal of Clinical Oncology, 2002, 1, 94-97.	0.1	2
56	620Nm Red Light Promotes Celluar Viability and Mrna Expression of Collagen Type I in Bone Mesenchymal Stem Cells of Rat. , 2010, , .		2
57	Efficacy of gelatin sponge impregnated with ropivacaine on postoperative pain after transforaminal lumbar interbody fusion: a comparative study. BMC Musculoskeletal Disorders, 2021, 22, 660.	1.9	2
58	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
59	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