

Jiajia Xu

List of Publications by Year in descending order

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46
papers

1,152
citations

430754

18
h-index

434063

31
g-index

49
all docs

49
docs citations

49
times ranked

1553
citing authors

#	ARTICLE	IF	CITATIONS
1	TNF- α -induced LRG1 promotes angiogenesis and mesenchymal stem cell migration in the subchondral bone during osteoarthritis. <i>Cell Death and Disease</i> , 2017, 8, e2715-e2715.	2.7	124
2	Regulation of heterotopic ossification by monocytes in a mouse model of aberrant wound healing. <i>Nature Communications</i> , 2020, 11, 722.	5.8	104
3	miR-146a facilitates osteoarthritis by regulating cartilage homeostasis via targeting Camk2d and Ppp3r2. <i>Cell Death and Disease</i> , 2017, 8, e2734-e2734.	2.7	74
4	Deubiquitinase USP39 and E3 ligase TRIM26 balance the level of ZEB1 ubiquitination and thereby determine the progression of hepatocellular carcinoma. <i>Cell Death and Differentiation</i> , 2021, 28, 2315-2332.	5.0	67
5	Human perivascular stem cell-derived extracellular vesicles mediate bone repair. <i>ELife</i> , 2019, 8, .	2.8	65
6	Relative contributions of adipose-resident CD146+ pericytes and CD34+ adventitial progenitor cells in bone tissue engineering. <i>Npj Regenerative Medicine</i> , 2019, 4, 1.	2.5	62
7	IL-12p40 impairs mesenchymal stem cell-mediated bone regeneration via CD4+ T cells. <i>Cell Death and Differentiation</i> , 2016, 23, 1941-1951.	5.0	47
8	A Neurotrophic Mechanism Directs Sensory Nerve Transit in Cranial Bone. <i>Cell Reports</i> , 2020, 31, 107696.	2.9	42
9	MiR-9 reduces human acyl-coenzyme A:cholesterol acyltransferase-1 to decrease THP-1 macrophage-derived foam cell formation. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 953-962.	0.9	38
10	Mesenchymal VEGFA induces aberrant differentiation in heterotopic ossification. <i>Bone Research</i> , 2019, 7, 36.	5.4	37
11	High Dose TGF- β 1 Impairs Mesenchymal Stem Cell-Mediated Bone Regeneration via Bmp2 Inhibition. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 167-180.	3.1	36
12	NGF-TrkA signaling dictates neural ingrowth and aberrant osteochondral differentiation after soft tissue trauma. <i>Nature Communications</i> , 2021, 12, 4939.	5.8	36
13	PDGFR α marks distinct perivascular populations with different osteogenic potential within adipose tissue. <i>Stem Cells</i> , 2020, 38, 276-290.	1.4	30
14	NGF-p75 signaling coordinates skeletal cell migration during bone repair. <i>Science Advances</i> , 2022, 8, eabl5716.	4.7	29
15	MiR-146a Deletion Protects From Bone Loss in OVX Mice by Suppressing RANKL/OPG and M-CSF in Bone Microenvironment. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2149-2161.	3.1	28
16	Histone deacetylase1 promotes TGF- β 1-mediated early chondrogenesis through down-regulating canonical Wnt signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 810-816.	1.0	25
17	Comparison of skeletal and soft tissue pericytes identifies CXCR4+ bone forming mural cells in human tissues. <i>Bone Research</i> , 2020, 8, 22.	5.4	25
18	Early Immunomodulatory Effects of Implanted Human Perivascular Stromal Cells During Bone Formation. <i>Tissue Engineering - Part A</i> , 2018, 24, 448-457.	1.6	22

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19	PDGFR β reporter activity identifies periosteal progenitor cells critical for bone formation and fracture repair. <i>Bone Research</i> , 2022, 10, 7.	5.4	20
20	Overexpression of mechanical sensitive miR-337-3p alleviates ectopic ossification in rat tendinopathy model via targeting IRS1 and Nox4 of tendon-derived stem cells. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 305-317.	1.5	19
21	Human perivascular stem cells prevent bone graft resorption in osteoporotic contexts by inhibiting osteoclast formation. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1617-1630.	1.6	19
22	Perivascular Fibro-Adipogenic Progenitor Tracing during Post-Traumatic Osteoarthritis. <i>American Journal of Pathology</i> , 2020, 190, 1909-1920.	1.9	17
23	Systemic DKK1 neutralization enhances human adipose-derived stem cell mediated bone repair. <i>Stem Cells Translational Medicine</i> , 2021, 10, 610-622.	1.6	17
24	WISP-1 drives bone formation at the expense of fat formation in human perivascular stem cells. <i>Scientific Reports</i> , 2018, 8, 15618.	1.6	16
25	Ubiquitin-specific peptidase 39 regulates the process of proliferation and migration of human ovarian cancer via p53/p21 pathway and EMT. <i>Medical Oncology</i> , 2019, 36, 95.	1.2	16
26	Excess TNF- α in the blood activates monocytes with the potential to directly form cholesteryl ester-laden cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, 899-907.	0.9	15
27	IL-23, but not IL-12, plays a critical role in inflammation-mediated bone disorders. <i>Theranostics</i> , 2020, 10, 3925-3938.	4.6	14
28	Lysosomal protein surface expression discriminates fat- from bone-forming human mesenchymal precursor cells. <i>ELife</i> , 2020, 9, .	2.8	14
29	Endogenous CCN family member WISP1 inhibits trauma-induced heterotopic ossification. <i>JCI Insight</i> , 2020, 5, .	2.3	12
30	Anti-DKK1 Enhances the Early Osteogenic Differentiation of Human Adipose-Derived Stem/Stromal Cells. <i>Stem Cells and Development</i> , 2020, 29, 1007-1015.	1.1	11
31	Platelet-derived growth factor receptor β (PDGFR β) lineage tracing highlights perivascular cell to myofibroblast transdifferentiation during post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2484-2494.	1.2	9
32	Bone-forming perivascular cells: Cellular heterogeneity and use for tissue repair. <i>Stem Cells</i> , 2021, 39, 1427-1434.	1.4	9
33	ACAT1 regulates the dynamics of free cholesterol in plasma membrane which leads to the APP-processing alteration. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, gm101.	0.9	8
34	TNF- α and IFN- γ synergistically inhibit the repairing ability of mesenchymal stem cells on mice colitis and colon cancer. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 6207-6220.	0.0	8
35	Divergent effects of distinct perivascular cell subsets for intra-articular cell therapy in posttraumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2388-2397.	1.2	7
36	Skeletogenic Capacity of Human Perivascular Stem Cells Obtained Via Magnetic-Activated Cell Sorting. <i>Tissue Engineering - Part A</i> , 2019, 25, 1658-1666.	1.6	6

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37	Frontal Bone Healing Is Sensitive to Wnt Signaling Inhibition via Lentiviral-Encoded Beta-Catenin Short Hairpin RNA. <i>Tissue Engineering - Part A</i> , 2018, 24, 1742-1752.	1.6	4
38	A Rapid Cytological Screening as pre-Endoscopy Screening for Early Esophageal Squamous Cell Lesions: A Prospective Pilot Study from a Chinese Academic Center. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382110662.	0.8	4
39	Acetabular Reaming Is a Reliable Model to Produce and Characterize Periarticular Heterotopic Ossification of the Hip. <i>Stem Cells Translational Medicine</i> , 0, , .	1.6	4
40	The ACAT2 expression of human leukocytes is responsible for the excretion of lipoproteins containing cholesteryl/steryl esters. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 990-997.	0.9	3
41	Lineage-Specific Wnt Reporter Elucidates Mesenchymal Wnt Signaling during Bone Repair. <i>American Journal of Pathology</i> , 2018, 188, 2155-2163.	1.9	3
42	Assessing the Bone-Forming Potential of Pericytes. <i>Methods in Molecular Biology</i> , 2021, 2235, 127-137.	0.4	3
43	Low-level expression of human ACAT2 gene in monocytic cells is regulated by the C/EBP transcription factors. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 980-989.	0.9	1
44	Functional Heterogeneity of Perivascular Precursor Cells. <i>Current Tissue Microenvironment Reports</i> , 2020, 1, 183-186.	1.3	0
45	Genetic Characteristics and Transcriptional Regulation of Sodium Channel Related Genes in Chinese Patients With Brugada Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 714844.	1.1	0
46	Pharmacological inhibition of DKK1 promotes spine fusion in an ovariectomized rat model. <i>Bone</i> , 2022, 162, 116456.	1.4	0