

Yao Sun

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,014
citations

567281

15
h-index

434195

31
g-index

41
all docs

41
docs citations

41
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	Lnc-mg is a long non-coding RNA that promotes myogenesis. <i>Nature Communications</i> , 2017, 8, 14718.	12.8	201
2	Angiotensin II receptor binding following myocardial infarction in the rat. <i>Cardiovascular Research</i> , 1994, 28, 1623-1628.	3.8	126
3	Osteoblast-Targeting-Peptide Modified Nanoparticle for siRNA/microRNA Delivery. <i>ACS Nano</i> , 2016, 10, 5759-5768.	14.6	120
4	A bone-resorption surface-targeting nanoparticle to deliver anti-miR214 for osteoporosis therapy. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7469-7482.	6.7	52
5	The long noncoding RNA lnc-ob1 facilitates bone formation by upregulating Osterix in osteoblasts. <i>Nature Metabolism</i> , 2019, 1, 485-496.	11.9	41
6	A functional motif of long noncoding RNA Nron against osteoporosis. <i>Nature Communications</i> , 2021, 12, 3319.	12.8	41
7	CD82 Restrains Pathological Angiogenesis by Altering Lipid Raft Clustering and CD44 Trafficking in Endothelial Cells. <i>Circulation</i> , 2014, 130, 1493-1504.	1.6	38
8	Single-cell transcriptomics of LepR ⁺ positive skeletal cells reveals heterogeneous stress-dependent stem and progenitor pools. <i>EMBO Journal</i> , 2022, 41, e108415.	7.8	33
9	Identification of Fibroblast Activation Protein as an Osteogenic Suppressor and Anti-osteoporosis Drug Target. <i>Cell Reports</i> , 2020, 33, 108252.	6.4	30
10	Suppression of Bone Resorption by miR-141 in Aged Rhesus Monkeys. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1799-1812.	2.8	26
11	Glycosylation of Dentin Matrix Protein 1 is critical for osteogenesis. <i>Scientific Reports</i> , 2015, 5, 17518.	3.3	25
12	Tissue Fluid Triggered Enzyme Polymerization for Ultrafast Gelation and Cartilage Repair. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19982-19987.	13.8	19
13	Glycosylation of dentin matrix protein 1 is a novel key element for astrocyte maturation and BBB integrity. <i>Protein and Cell</i> , 2018, 9, 298-309.	11.0	18
14	Ageing characteristics of bone indicated by transcriptomic and exosomal proteomic analysis of cortical bone cells. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 129.	2.3	18
15	The Role of IFT140 in Osteogenesis of Adult Mice Long Bone. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 601-611.	2.5	17
16	LncRNA Nron regulates osteoclastogenesis during orthodontic bone resorption. <i>International Journal of Oral Science</i> , 2020, 12, 14.	8.6	17
17	Aging of the Bone. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1086, 189-197.	1.6	16
18	High-glucose-induced miR-214-3p inhibits BMSCs osteogenic differentiation in type 1 diabetes mellitus. <i>Cell Death Discovery</i> , 2019, 5, 143.	4.7	16

#	ARTICLE	IF	CITATIONS
19	Osteoprotegerin-Knockout Mice Developed Early Onset Root Resorption. <i>Journal of Endodontics</i> , 2016, 42, 1516-1522.	3.1	15
20	Tracing PRX1+ cells during molar formation and periodontal ligament reconstruction. <i>International Journal of Oral Science</i> , 2022, 14, 5.	8.6	15
21	Extracellular matrix protein DMP1 suppresses osteogenic differentiation of Mesenchymal Stem Cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 968-973.	2.1	14
22	Expression of IFT140 During Bone Development. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 723-734.	2.5	13
23	Sclerostin is essential for alveolar bone loss in occlusal hypofunction. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 1812-1818.	1.8	11
24	Constitutive Activation of β -Catenin in Differentiated Osteoclasts Induces Bone Loss in Mice. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 2091-2102.	1.6	10
25	Glycosylation of dentin matrix protein 1 is critical for fracture healing via promoting chondrogenesis. <i>Frontiers of Medicine</i> , 2019, 13, 575-589.	3.4	9
26	Effect of HIF-1 α on biological activation of human tongue squamous cell carcinoma SCC-15 cells in vitro. <i>International Journal of Oncology</i> , 2015, 46, 2346-2354.	3.3	8
27	Osteoprotegerin deficiency leads to deformation of the articular cartilage in femoral head. <i>Journal of Molecular Histology</i> , 2016, 47, 475-483.	2.2	8
28	Lineage tracing of cells expressing the ciliary gene IFT140 during bone development. <i>Developmental Dynamics</i> , 2021, 250, 574-583.	1.8	8
29	Primary cilia in hard tissue development and diseases. <i>Frontiers of Medicine</i> , 2021, 15, 657-678.	3.4	8
30	A mouse model of disuse osteoporosis based on a movable noninvasive 3D-printed unloading device. <i>Journal of Orthopaedic Translation</i> , 2022, 33, 1-12.	3.9	7
31	Overexpression of Dentin matrix protein 1 in Nestin+ cells causes bone loss in mouse long bone. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 356-363.	2.1	6
32	The role of IFT140 in early bone healing of tooth extraction sockets. <i>Oral Diseases</i> , 2022, 28, 1188-1197.	3.0	6
33	Glycosylation of DMP1 promotes bone reconstruction in long bone defects. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 1125-1130.	2.1	5
34	Glycosylation of DMP1 maintains cranial sutures in mice. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 19-28.	3.0	3
35	Generation of functional oligopeptides that promote osteogenesis based on unsupervised deep learning of protein IDRs. <i>Bone Research</i> , 2022, 10, 23.	11.4	3
36	Activation of farnesoid X receptor signaling by geniposidic acid promotes osteogenesis. <i>Phytomedicine</i> , 2022, 103, 154258.	5.3	3

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37	Tissue Fluid Triggered Enzyme Polymerization for Ultrafast Gelation and Cartilage Repair. <i>Angewandte Chemie</i> , 2021, 133, 20135-20140.	2.0	2