Yao Sun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4465510/publications.pdf

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37	1,014	567281 15	434195 31
papers	citations	h-index	g-index

41	41	41	1318
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of IFT140 in early bone healing of tooth extraction sockets. Oral Diseases, 2022, 28, 1188-1197.	3.0	6
2	A mouse model of disuse osteoporosis based on a movable noninvasive 3D-printed unloading device. Journal of Orthopaedic Translation, 2022, 33, 1-12.	3.9	7
3	Tracing PRX1+ cells during molar formation and periodontal ligament reconstruction. International Journal of Oral Science, 2022, 14, 5.	8.6	15
4	Generation of functional oligopeptides that promote osteogenesis based on unsupervised deep learning of protein IDRs. Bone Research, 2022, 10, 23.	11.4	3
5	Singleâ€cell transcriptomics of LepRâ€positive skeletal cells reveals heterogeneous stressâ€dependent stem and progenitor pools. EMBO Journal, 2022, 41, e108415.	7.8	33
6	Activation of farnesoid X receptor signaling by geniposidic acid promotes osteogenesis. Phytomedicine, 2022, 103, 154258.	5.3	3
7	Lineage tracing of cells expressing the ciliary gene IFT140 during bone development. Developmental Dynamics, 2021, 250, 574-583.	1.8	8
8	A functional motif of long noncoding RNA Nron against osteoporosis. Nature Communications, 2021, 12, 3319.	12.8	41
9	Tissue Fluid Triggered Enzyme Polymerization for Ultrafast Gelation and Cartilage Repair. Angewandte Chemie - International Edition, 2021, 60, 19982-19987.	13.8	19
10	Tissue Fluid Triggered Enzyme Polymerization for Ultrafast Gelation and Cartilage Repair. Angewandte Chemie, 2021, 133, 20135-20140.	2.0	2
11	Primary cilia in hard tissue development and diseases. Frontiers of Medicine, 2021, 15, 657-678.	3.4	8
12	Glycosylation of DMP1 maintains cranial sutures in mice. Journal of Oral Rehabilitation, 2020, 47, 19-28.	3.0	3
13	Identification of Fibroblast Activation Protein as an Osteogenic Suppressor and Anti-osteoporosis Drug Target. Cell Reports, 2020, 33, 108252.	6.4	30
14	Glycosylation of DMP1 promotes bone reconstruction in long bone defects. Biochemical and Biophysical Research Communications, 2020, 526, 1125-1130.	2.1	5
15	LncRNA Nron regulates osteoclastogenesis during orthodontic bone resorption. International Journal of Oral Science, 2020, 12, 14.	8.6	17
16	Expression of IFT140 During Bone Development. Journal of Histochemistry and Cytochemistry, 2019, 67, 723-734.	2.5	13
17	Glycosylation of dentin matrix protein 1 is critical for fracture healing via promoting chondrogenesis. Frontiers of Medicine, 2019, 13, 575-589.	3.4	9
18	Ageing characteristics of bone indicated by transcriptomic and exosomal proteomic analysis of cortical bone cells. Journal of Orthopaedic Surgery and Research, 2019, 14, 129.	2.3	18

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19	The Role of IFT140 in Osteogenesis of Adult Mice Long Bone. Journal of Histochemistry and Cytochemistry, 2019, 67, 601-611.	2.5	17
20	The long noncoding RNA lnc-ob1 facilitates bone formation by upregulating Osterix in osteoblasts. Nature Metabolism, 2019, 1, 485-496.	11.9	41
21	High-glucose-induced miR-214-3p inhibits BMSCs osteogenic differentiation in type 1 diabetes mellitus. Cell Death Discovery, 2019, 5, 143.	4.7	16
22	Glycosylation of dentin matrix protein 1 is a novel key element for astrocyte maturation and BBB integrity. Protein and Cell, 2018, 9, 298-309.	11.0	18
23	Aging of the Bone. Advances in Experimental Medicine and Biology, 2018, 1086, 189-197.	1.6	16
24	Extracellular matrix protein DMP1 suppresses osteogenic differentiation of Mesenchymal Stem Cells. Biochemical and Biophysical Research Communications, 2018, 501, 968-973.	2.1	14
25	Suppression of Bone Resorption by miR-141 in Aged Rhesus Monkeys. Journal of Bone and Mineral Research, 2018, 33, 1799-1812.	2.8	26
26	Constitutive Activation of Î²-Catenin in Differentiated Osteoclasts Induces Bone Loss in Mice. Cellular Physiology and Biochemistry, 2018, 48, 2091-2102.	1.6	10
27	Lnc-mg is a long non-coding RNA that promotes myogenesis. Nature Communications, 2017, 8, 14718.	12.8	201
28	Overexpression of Dentin matrix protein 1 in Nestin+ cells causes bone loss in mouse long bone. Biochemical and Biophysical Research Communications, 2017, 490, 356-363.	2.1	6
29	A bone-resorption surface-targeting nanoparticle to deliver anti-miR214 for osteoporosis therapy. International Journal of Nanomedicine, 2017, Volume 12, 7469-7482.	6.7	52
30	Sclerostin is essential for alveolar bone loss in occlusal hypofunction. Experimental and Therapeutic Medicine, 2016, 11, 1812-1818.	1.8	11
31	Osteoblast-Targeting-Peptide Modified Nanoparticle for siRNA/microRNA Delivery. ACS Nano, 2016, 10, 5759-5768.	14.6	120
32	Osteoprotegerin deficiency leads to deformation of the articular cartilage in femoral head. Journal of Molecular Histology, 2016, 47, 475-483.	2.2	8
33	Osteoprotegerin-Knockout Mice Developed Early Onset Root Resorption. Journal of Endodontics, 2016, 42, 1516-1522.	3.1	15
34	Effect of HIF-1Î± on biological activation of human tongue squamous cell carcinoma SCC-15 cells in vitro. International Journal of Oncology, 2015, 46, 2346-2354.	3.3	8
35	Glycosylation of Dentin Matrix Protein 1 is critical for osteogenesis. Scientific Reports, 2015, 5, 17518.	3.3	25
36	CD82 Restrains Pathological Angiogenesis by Altering Lipid Raft Clustering and CD44 Trafficking in Endothelial Cells. Circulation, 2014, 130, 1493-1504.	1.6	38

#	Article	IF	Citations
37	Angiotensin II receptor binding following myocardial infarction in the rat. Cardiovascular Research, 1994, 28, 1623-1628.	3.8	126