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List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

727
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of skeletal mineralization by the simultaneous ablation of PHOSPHO1 and alkaline phosphatase function: A unified model of the mechanisms of initiation of skeletal calcification. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 286-297.	2.8	199
2	PHOSPHO1 is essential for mechanically competent mineralization and the avoidance of spontaneous fractures. <i>Bone</i> , 2011, 48, 1066-1074.	2.9	71
3	Proteinase-activated receptor 2 modulates OA-related pain, cartilage and bone pathology. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1989-1997.	0.9	70
4	Mineralisation of collagen rich soft tissues and osteocyte lacunae in <i>Enpp1</i> mice. <i>Bone</i> , 2014, 69, 139-147.	2.9	57
5	Optimisation of the differing conditions required for bone formation in vitro by primary osteoblasts from mice and rats. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1201-1208.	4.0	47
6	Ablation of Osteopontin Improves the Skeletal Phenotype of <i>Phospho1</i> Mice. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2369-2381.	2.8	42
7	SOCS2 is the critical regulator of GH action in murine growth plate chondrogenesis. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1055-1066.	2.8	29
8	The functional co-operativity of tissue-nonspecific alkaline phosphatase (TNAP) and PHOSPHO1 during initiation of skeletal mineralization.. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 196-201.	1.3	26
9	Parallel-plate fluid flow systems for bone cell stimulation. <i>Journal of Biomechanics</i> , 2010, 43, 1182-1189.	2.1	24
10	Serine proteinases in the turnover of the cartilage extracellular matrix in the joint: implications for therapeutics. <i>British Journal of Pharmacology</i> , 2019, 176, 38-51.	5.4	23
11	Glycogen Synthase Kinase 3 Inhibition Stimulates Human Cartilage Destruction and Exacerbates Murine Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 2175-2187.	5.6	22
12	Deficiency of the bone mineralization inhibitor NPP1 protects against obesity and diabetes. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1341-50.	2.4	21
13	Endothelial Nitric Oxide Synthase is Not Essential for Nitric Oxide Production by Osteoblasts Subjected to Fluid Shear Stress In Vitro. <i>Calcified Tissue International</i> , 2013, 92, 228-239.	3.1	17
14	Rheumatic Disease: Protease-Activated Receptor-2 in Synovial Joint Pathobiology. <i>Frontiers in Endocrinology</i> , 2018, 9, 257.	3.5	17
15	The Osteocyte as a Novel Key Player in Understanding Periodontitis Through its Expression of RANKL and Sclerostin: a Review. <i>Current Osteoporosis Reports</i> , 2019, 17, 116-121.	3.6	16
16	Effects of etidronate on the <i>Enpp1</i> mouse model of generalized arterial calcification of infancy. <i>International Journal of Molecular Medicine</i> , 2015, 36, 159-165.	4.0	14
17	Osteoarthritis Mouse Model of Destabilization of the Medial Meniscus. <i>Methods in Molecular Biology</i> , 2019, 1914, 281-293.	0.9	14
18	PHOSPHO1 is a skeletal regulator of insulin resistance and obesity. <i>BMC Biology</i> , 2020, 18, 149.	3.8	13

#	ARTICLE	IF	CITATIONS
19	The role of accelerated growth plate fusion in the absence of SOCS2 on osteoarthritis vulnerability. Bone and Joint Research, 2022, 11, 162-170.	3.6	4
20	Mechanical Stimulation of Bone Cells Using Fluid Flow. Methods in Molecular Biology, 2012, 816, 573-592.	0.9	1
21	OP0075â€¦PAR2 ACCELERATES OSTEOARTHRITIS-LIKE JOINT CHANGES IN A MURINE MODEL OF POST-TRAUMATIC OSTEOARTHRITIS. , 2019, , .		0