carmen Huesa

List of Publications by Year
in descending order

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	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
2	PHOSPHO1 is a skeletal regulator of insulin resistance and obesity. BMC Biology, 2020, 18, 149.	3.8	13
3	The Osteocyte as a Novel Key Player in Understanding Periodontitis Through its Expression of RANKL and Sclerostin: a Review. Current Osteoporosis Reports, 2019, 17, 116-121.	3.6	16
4	Osteoarthritis Mouse Model of Destabilization of the Medial Meniscus. Methods in Molecular Biology, 2019, 1914, 281-293.	0.9	14
5	OP0075â€…PAR2 ACCELERATES OSTEOARTHRITIS-LIKE JOINT CHANGES IN A MURINE MODEL OF POST-TRAUMATIC OSTEOARTHRITIS. , 2019, , .		0
6	Serine proteinases in the turnover of the cartilage extracellular matrix in the joint: implications for therapeutics. British Journal of Pharmacology, 2019, 176, 38-51.	5.4	23
7	Rheumatic Disease: Protease-Activated Receptor-2 in Synovial Joint Pathobiology. Frontiers in Endocrinology, 2018, 9, 257.	3.5	17
8	Proteinase-activated receptor 2 modulates OA-related pain, cartilage and bone pathology. Annals of the Rheumatic Diseases, 2016, 75, 1989-1997.	0.9	70
9	Effects of etidronate on the Enpp1â^'/â^' mouse model of generalized arterial calcification of infancy. International Journal of Molecular Medicine, 2015, 36, 159-165.	4.0	14
10	The functional co-operativity of tissue-nonspecific alkaline phosphatase (TNAP) and PHOSPHO1 during initiation of skeletal mineralization.. Biochemistry and Biophysics Reports, 2015, 4, 196-201.	1.3	26
11	Mineralisation of collagen rich soft tissues and osteocyte lacunae in Enpp1 mice. Bone, 2014, 69, 139-147.	2.9	57
12	Glycogen Synthase Kinase 3 Inhibition Stimulates Human Cartilage Destruction and Exacerbates Murine Osteoarthritis. Arthritis and Rheumatology, 2014, 66, 2175-2187.	5.6	22
13	Optimisation of the differing conditions required for bone formation in vitro by primary osteoblasts from mice and rats. International Journal of Molecular Medicine, 2014, 34, 1201-1208.	4.0	47
14	Ablation of Osteopontin Improves the Skeletal Phenotype of Phospho1 â^'/â^' Mice. Journal of Bone and Mineral Research, 2014, 29, 2369-2381.	2.8	42
15	Deficiency of the bone mineralization inhibitor NPP1 protects against obesity and diabetes. DMM Disease Models and Mechanisms, 2014, 7, 1341-50.	2.4	21
16	Endothelial Nitric Oxide Synthase is Not Essential for Nitric Oxide Production by Osteoblasts Subjected to Fluid Shear Stress In Vitro. Calcified Tissue International, 2013, 92, 228-239.	3.1	17
17	SOCS2 is the critical regulator of GH action in murine growth plate chondrogenesis. Journal of Bone and Mineral Research, 2012, 27, 1055-1066.	2.8	29
18	Mechanical Stimulation of Bone Cells Using Fluid Flow. Methods in Molecular Biology, 2012, 816, 573-592.	0.9	1

#	ARTICLE	IF	CITATIONS
19	PHOSPHO1 is essential for mechanically competent mineralization and the avoidance of spontaneous fractures. Bone, 2011, 48, 1066-1074.	2.9	71
20	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. Journal of Bone and Mineral Research, 2011, 26, 286-297.	2.8	199
21	Parallel-plate fluid flow systems for bone cell stimulation. Journal of Biomechanics, 2010, 43, 1182-1189.	2.1	24