

Melissa D Cantley

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,171
citations

430754

18
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

1775
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms and control of pathologic bone loss in periodontitis. <i>Periodontology</i> 2000, 2010, 53, 55-69.	6.3	181
2	Pre-existing periodontitis exacerbates experimental arthritis in a mouse model. <i>Journal of Clinical Periodontology</i> , 2011, 38, 532-541.	2.3	106
3	<i>Porphyromonas gingivalis</i> Peptidylarginine Deiminase, a Key Contributor in the Pathogenesis of Experimental Periodontal Disease and Experimental Arthritis. <i>PLoS ONE</i> , 2014, 9, e100838.	1.1	97
4	Effect of <i>Porphyromonas gingivalis</i> -induced inflammation on the development of rheumatoid arthritis. <i>Journal of Clinical Periodontology</i> , 2010, 37, 405-411.	2.3	81
5	The effects of tumour necrosis factor on bone cells involved in periodontal alveolar bone loss; osteoclasts, osteoblasts and osteocytes. <i>Journal of Periodontal Research</i> , 2016, 51, 549-566.	1.4	80
6	Epigenetic regulation of inflammation: progressing from broad acting histone deacetylase (HDAC) inhibitors to targeting specific HDACs. <i>Inflammopharmacology</i> , 2013, 21, 301-307.	1.9	68
7	Inhibiting histone deacetylase 1 suppresses both inflammation and bone loss in arthritis. <i>Rheumatology</i> , 2015, 54, 1713-1723.	0.9	63
8	Inhibitors of histone deacetylases in class I and class II suppress human osteoclasts in vitro. <i>Journal of Cellular Physiology</i> , 2011, 226, 3233-3241.	2.0	62
9	Histone deacetylase inhibitors and periodontal bone loss. <i>Journal of Periodontal Research</i> , 2011, 46, 697-703.	1.4	60
10	Evidence that osteocyte perilacunar remodelling contributes to polyethylene wear particle induced osteolysis. <i>Acta Biomaterialia</i> , 2016, 33, 242-251.	4.1	57
11	Histone deacetylases (HDAC) in physiological and pathological bone remodelling. <i>Bone</i> , 2017, 95, 162-174.	1.4	47
12	The use of live animal micro-computed tomography to determine the effect of a novel phospholipase A ₂ inhibitor on alveolar bone loss in an <i>in vivo</i> mouse model of periodontitis. <i>Journal of Periodontal Research</i> , 2009, 44, 317-322.	1.4	26
13	Regulation of ITAM adaptor molecules and their receptors by inhibition of calcineurin-NFAT signalling during late stage osteoclast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 404-409.	1.0	24
14	Histone deacetylase inhibitors as suppressors of bone destruction in inflammatory diseases. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 763-774.	1.2	24
15	Class I and II histone deacetylase expression in human chronic periodontitis gingival tissue. <i>Journal of Periodontal Research</i> , 2016, 51, 143-151.	1.4	23
16	The X-Linked Inhibitor of Apoptosis Protein Inhibitor Embelin Suppresses Inflammation and Bone Erosion in Collagen Antibody Induced Arthritis Mice. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	1.4	22
17	Azithromycin suppresses human osteoclast formation and activity in vitro. <i>Journal of Cellular Physiology</i> , 2013, 228, 1098-1107.	2.0	19
18	Caffeic Acid Phenethyl Ester Abrogates Bone Resorption in a Murine Calvarial Model of Polyethylene Particle-Induced Osteolysis. <i>Calcified Tissue International</i> , 2015, 96, 565-574.	1.5	18

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19	Histone deacetylases 1 and 2 inhibition suppresses cytokine production and osteoclast bone resorption in vitro. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 244-258.	1.2	18
20	Semaphorin-3a, neuropilin-1 and plexin-A1 in prosthetic-particle induced bone loss. <i>Acta Biomaterialia</i> , 2016, 30, 311-318.	4.1	17
21	Pathogenic bone loss in rheumatoid arthritis: mechanisms and therapeutic approaches. <i>International Journal of Clinical Rheumatology</i> , 2009, 4, 561-582.	0.3	16
22	Quantifying Not Only Bone Loss, but Also Soft Tissue Swelling, in a Murine Inflammatory Arthritis Model Using Micro-Computed Tomography. <i>Scandinavian Journal of Immunology</i> , 2015, 81, 142-150.	1.3	16
23	Parthenolide reduces empty lacunae and osteoclastic bone surface resorption induced by polyethylene particles in a murine calvarial model of peri-implant osteolysis. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 3572-3579.	2.1	16
24	Comparison of the ability of chondroitin sulfate derived from bovine, fish and pigs to suppress human osteoclast activity in vitro. <i>Inflammopharmacology</i> , 2013, 21, 407-412.	1.9	11
25	Mixed effects of caffeic acid phenethyl ester (CAPE) on joint inflammation, bone loss and gastrointestinal inflammation in a murine model of collagen antibody-induced arthritis. <i>Inflammopharmacology</i> , 2017, 25, 55-68.	1.9	10
26	Osteoclast-Associated Receptor (OSCAR) Distribution in the Synovial Tissues of Patients with Active RA and TNF- α and RANKL Regulation of Expression by Osteoclasts In Vitro. <i>Inflammation</i> , 2017, 40, 1566-1575.	1.7	7
27	Effects of Osteochondrin S and select connective tissue ribonucleinate components on human osteoclasts in vitro. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1214-1222.	1.2	2
28	Yeast RNA extract suppresses human osteoclast resorption in vitro. <i>Inflammopharmacology</i> , 2017, 25, 571-576.	1.9	0