

Melda Onal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

1,729
citations

13
h-index

19
g-index

19
ext. papers

1,961
ext. citations

7.2
avg. IF

4.36
L-index

#	Paper	IF	Citations
19	Matrix-embedded cells control osteoclast formation. <i>Nature Medicine</i> , 2011 , 17, 1235-41	50.5	939
18	Receptor activator of nuclear factor B ligand (RANKL) protein expression by B lymphocytes contributes to ovariectomy-induced bone loss. <i>Journal of Biological Chemistry</i> , 2012 , 287, 29851-60	5.4	174
17	Osteocytes, not Osteoblasts or Lining Cells, are the Main Source of the RANKL Required for Osteoclast Formation in Remodeling Bone. <i>PLoS ONE</i> , 2015 , 10, e0138189	3.7	168
16	Suppression of autophagy in osteocytes mimics skeletal aging. <i>Journal of Biological Chemistry</i> , 2013 , 288, 17432-40	5.4	129
15	Low bone mass and changes in the osteocyte network in mice lacking autophagy in the osteoblast lineage. <i>Scientific Reports</i> , 2016 , 6, 24262	4.9	58
14	A kidney-specific genetic control module in mice governs endocrine regulation of the cytochrome P450 gene essential for vitamin D activation. <i>Journal of Biological Chemistry</i> , 2017 , 292, 17541-17558	5.4	53
13	Genomic Determinants of Vitamin D-Regulated Gene Expression. <i>Vitamins and Hormones</i> , 2016 , 100, 21-44	2.5	45
12	Suppression of autophagy in osteocytes does not modify the adverse effects of glucocorticoids on cortical bone. <i>Bone</i> , 2015 , 75, 18-26	4.7	37
11	A Novel Distal Enhancer Mediates Inflammation-, PTH-, and Early Onset Murine Kidney Disease-Induced Expression of the Mouse Gene. <i>JBMR Plus</i> , 2018 , 2, 32-47	3.9	31
10	Deletion of the Distal Tnfsf11 RL-D2 Enhancer That Contributes to PTH-Mediated RANKL Expression in Osteoblast Lineage Cells Results in a High Bone Mass Phenotype in Mice. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 416-29	6.3	26
9	The RANKL distal control region is required for the increase in RANKL expression, but not the bone loss, associated with hyperparathyroidism or lactation in adult mice. <i>Molecular Endocrinology</i> , 2012 , 26, 341-8		23
8	Effective CRISPR interference of an endogenous gene via a single transgene in mice. <i>Scientific Reports</i> , 2019 , 9, 17312	4.9	17
7	A DNA segment spanning the mouse Tnfsf11 transcription unit and its upstream regulatory domain rescues the pleiotropic biologic phenotype of the RANKL null mouse. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 855-68	6.3	13
6	Absence of the Vitamin D Receptor Inhibits Atherosclerotic Plaque Calcification in Female Hypercholesterolemic Mice. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1050-1064	4.7	5
5	A Control Region Near the Fibroblast Growth Factor 23 Gene Mediates Response to Phosphate, 1,25(OH)2D3, and LPS In Vivo. <i>Endocrinology</i> , 2019 , 160, 2877-2891	4.8	5
4	Deletion of a Distal RANKL Gene Enhancer Delays Progression of Atherosclerotic Plaque Calcification in Hypercholesterolemic Mice. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 4240-4253	4.7	4
3	Deletion of a putative promoter-proximal Tnfsf11 regulatory region in mice does not alter bone mass or Tnfsf11 expression in vivo. <i>PLoS ONE</i> , 2021 , 16, e0250974	3.7	2

- 2 Loss of chaperone-mediated autophagy is associated with low vertebral cancellous bone mass..
Scientific Reports, **2022**, 12, 3134 4.9 ○
- 1 Genome-Wide Perspectives on Vitamin D Receptor-Mediated Control of Gene Expression in Target
Cells **2018**, 141-174