

Evidence for osteocyte regulation of bone homeostasis

Nature Medicine

17, 1231-1234

DOI: [10.1038/nm.2452](https://doi.org/10.1038/nm.2452)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dopaminergic treatment of restless legs and rebound phenomenon. <i>Neurology</i> , 1993, 43, 445-445.	1.5	99
2	Src inhibitors in the treatment of metastatic bone disease: rationale and clinical data. <i>Clinical Investigation</i> , 2011, 1, 1695-1706.	0.0	22
3	Osteocytes, RANKL and bone loss. <i>Nature Reviews Endocrinology</i> , 2011, 7, 693-693.	4.3	5
4	Regulatory mechanism of osteoclastogenesis by Wnt signaling. <i>Inflammation and Regeneration</i> , 2011, 31, 413-419.	1.5	2
5	Sclerostin Stimulates Osteocyte Support of Osteoclast Activity by a RANKL-Dependent Pathway. <i>PLoS ONE</i> , 2011, 6, e25900.	1.1	419
6	New regulation mechanisms of osteoclast differentiation. <i>Annals of the New York Academy of Sciences</i> , 2011, 1240, E13-8.	1.8	121
7	Osteocyte RANKL in bone homeostasis: a paradigm shift?. <i>Nature Reviews Rheumatology</i> , 2011, 7, 619-619.	3.5	5
8	Emerging Functions of RANKL in Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2012, 3, 261.	2.2	55
9	Systems Genetic Analysis of Osteoblast-Lineage Cells. <i>PLoS Genetics</i> , 2012, 8, e1003150.	1.5	48
10	Preclinical studies in orthopedics and bone repair. <i>IBMS BoneKEy</i> , 2012, 9, .	0.1	2
11	The role of RANK ligand/osteoprotegerin in rheumatoid arthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2012, 4, 225-233.	1.2	105
12	The skeletal consequences of thyrotoxicosis. <i>Journal of Endocrinology</i> , 2012, 213, 209-221.	1.2	97
13	Osteocytic osteolysis: time for a second look?. <i>BoneKEy Reports</i> , 2012, 1, 229.	2.7	56
15	Update on Bone Anabolics in Osteoporosis Treatment: Rationale, Current Status, and Perspectives. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 311-325.	1.8	285
16	Serum Sclerostin Increases in Healthy Adult Men during Bed Rest. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1736-E1740.	1.8	109
17	Role of DNA methylation in the regulation of the RANKL-OPG system in human bone. <i>Epigenetics</i> , 2012, 7, 83-91.	1.3	99
18	The multifaceted actions of PTHrP in skeletal metastasis. <i>Future Oncology</i> , 2012, 8, 803-817.	1.1	94
19	Control of bone resorption in mice by Schnurri-3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8173-8178.	3.3	31

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21	Immunolocalization of sclerostin synthesized by osteocytes in relation to bone remodeling in the interradicular septa of ovariectomized rats. <i>Journal of Electron Microscopy</i> , 2012, 61, 309-320.	0.9	3
22	Inflammation and Bone Destruction in Arthritis: Synergistic Activity of Immune and Mesenchymal Cells in Joints. <i>Frontiers in Immunology</i> , 2012, 3, 77.	2.2	87
23	The multiple facets of glucocorticoid action in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2012, 8, 645-655.	3.5	115
24	The osteoclast, bone remodelling and treatment of metabolic bone disease. <i>European Journal of Clinical Investigation</i> , 2012, 42, 1332-1341.	1.7	146
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26	Osteoprotection by semaphorin 3A. <i>Nature</i> , 2012, 485, 69-74.	13.7	501
27	Ephrin β stimulation of calvarial bone formation. <i>Developmental Dynamics</i> , 2012, 241, 1901-1910.	0.8	17
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32	Osteocyte regulation of bone mineral: a little give and take. <i>Osteoporosis International</i> , 2012, 23, 2067-2079.	1.3	148
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37	From rheumatic diseases to cancer - role of autoantibodies as diagnostic biomarkers. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	2

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57	Postnatal Syk deletion in mice clarifies the function of Syk in an anti-collagen antibody-induced arthritis model. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
58	Synoviolin meets metabolic disorders. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
59	IL-17, synoviolin and rheumatoid arthritis chronicity. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
60	Implication of microRNA-140 in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	1
61	Osteoclastic bone resorption directly activates osteoblast function. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	1
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64	Angiogenesis in rheumatoid arthritis: the role of fut 1. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
65	Citrullination of fibrinogen: generation of neoepitopes and enhancement of immunostimulatory properties. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	4
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84	IL-17-producing α 4 β 7 ⁺ T cells are important for the development of arthritis in a rheumatoid arthritis model. Arthritis Research and Therapy, 2012, 14, .	1.6	1
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86	A novel role for monosodium urate monohydrate crystals and gouty synovial fluids in monocyte migration in gout. Arthritis Research and Therapy, 2012, 14, .	1.6	0
87	Intermittent cold stress-induced experimental fibromyalgia model in mice - pharmacology and neurobiology. Arthritis Research and Therapy, 2012, 14, .	1.6	0
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89	The bacterial effector protein YopM reduces rheumatoid arthritis (RA) outcome by inhibiting inflammation and bone destruction. Arthritis Research and Therapy, 2012, 14, .	1.6	0
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91	Acute Serum Amyloid A induces cell migration cytoskeletal rearrangement and Notch signalling in rheumatoid arthritis. Arthritis Research and Therapy, 2012, 14, .	1.6	0

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95	MiRs in RA: possible biomarkers and therapeutic targets. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	1
96	Immune cell - derived microparticles contribute to the resistance of rheumatoid arthritis synovial fibroblasts to death receptor-mediated apoptosis. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
97	GCIP, Id like HLH protein, negatively regulates cell proliferation of rheumatoid synovial cells via interaction with CBP. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
98	Balb/c FaskO mice develop allergic blepharitis associated with hyper-production of IgE. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
99	T-regs/Th17 function defect in systemic autoimmunity as a result of "recent thymic emigrants" maturation defect. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
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108	Discrepancy between patient and physician in assessment of global severity in early rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
109	Cartilage-specific deletion of prar-gamma in mice results in early endochondral ossification defects and accelerated aging-dependent development of osteoarthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0

#	ARTICLE	IF	CITATIONS
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111	Effect of B cell depletion using peptide tetramers in collagen-induced arthritis. Arthritis Research and Therapy, 2012, 14, .	1.6	0
112	Peripheral tolerance induced by apoptotic cells and PD-1+ CD8 T cells. Arthritis Research and Therapy, 2012, 14, .	1.6	0
113	Decreased plating efficiency, proliferation and osteogenic differentiation of synovial fluid mesenchymal progenitors as a marker of severity of juvenile idiopathic arthritis. Arthritis Research and Therapy, 2012, 14, .	1.6	0
114	LC-MS/MS-based shotgun proteomics identified the targets of arthritis-related microRNA. Arthritis Research and Therapy, 2012, 14, .	1.6	1
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118	Risk factors for latent tuberculosis infection in RA patients treated with anti-tumor necrosis factor. Arthritis Research and Therapy, 2012, 14, .	1.6	0
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120	Activation of TRPV4 promotes osteoclasts differentiation. Arthritis Research and Therapy, 2012, 14, .	1.6	1
121	STAT3 is critical to promote inflammatory cytokines and RANKL expression in inflammatory arthritis. Arthritis Research and Therapy, 2012, 14, .	1.6	4
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127	Maintenance of mitochondrial DNA copy number is essential for osteoclast survival. Arthritis Research and Therapy, 2012, 14, .	1.6	2

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129	Pilocarpine suppresses hyperalgesia induced by intermittent cold stress (ICS) as an experimental fibromyalgia model in mice. Arthritis Research and Therapy, 2012, 14, .	1.6	0
130	Application of tetraspanin CD81 RNAi for diagnosis and therapy of rheumatoid arthritis (RA). Arthritis Research and Therapy, 2012, 14, .	1.6	4
131	Active repression by Blimp1 play an important role in osteoclast differentiation. Arthritis Research and Therapy, 2012, 14, .	1.6	1
132	Smoking induces expression of ligands of the immune receptor NKG2D. Arthritis Research and Therapy, 2012, 14, .	1.6	0
133	Methotrexate alone and methotrexate combined with etanercept in treatment of rheumatoid arthritis. Arthritis Research and Therapy, 2012, 14, .	1.6	1
134	SPACIA1/SAAL1: a newly identified gene associated with aberrant proliferation of synovial fibroblasts. Arthritis Research and Therapy, 2012, 14, .	1.6	0
135	Two cases of multiple-drug-resistant adult-onset Still's disease treated successfully with tocilizumab - the relationship between interleukin 6 and 18. Arthritis Research and Therapy, 2012, 14, .	1.6	1
136	GI-REASONS: a novel 6-month, prospective, randomized, open-label, blinded end point (PROBE) trial. Arthritis Research and Therapy, 2012, 14, .	1.6	1
137	Inhibition of Syndecan-4 by therapeutic antibodies reduces TNF \pm dependent joint destruction in mice. Arthritis Research and Therapy, 2012, 14, .	1.6	0
138	Clinical-experimental assessment of simvastatin efficiency in the treatment of rheumatoid arthritis. Arthritis Research and Therapy, 2012, 14, .	1.6	0
139	Metabolic syndrome in Indian patients with rheumatoid arthritis and its correlation with disease activity. Arthritis Research and Therapy, 2012, 14, .	1.6	2
140	Osteoprotegerin induction in response to microbial infection. Arthritis Research and Therapy, 2012, 14, .	1.6	1
141	Expression patterns and function of chromatin protein HMGB2 during mesenchymal stem cell differentiation. Arthritis Research and Therapy, 2012, 14, .	1.6	0
142	Age features of metabolic syndrome and cardiovascular disorders in gout. Arthritis Research and Therapy, 2012, 14, .	1.6	0
143	Unfolded protein response mediator, the IRE1 \pm -XBP1 pathway is involved in osteoblast differentiation. Arthritis Research and Therapy, 2012, 14, .	1.6	2
144	Resistance to morphine analgesia and its underlying mechanisms in an experimental mouse model of fibromyalgia. Arthritis Research and Therapy, 2012, 14, .	1.6	0
145	Pathogenic protease expression in murine OA is critically dependent upon mechanical joint loading. Arthritis Research and Therapy, 2012, 14, .	1.6	1

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147	Importance of E3 ubiquitin ligase Synoviolin in fibrogenesis. Arthritis Research and Therapy, 2012, 14, .	1.6	0
148	Human retrovirus promotes the plasticity of regulatory T cells into T helper type 1-like cells through the T-bet transcriptional activation in neuroinflammatory disease. Arthritis Research and Therapy, 2012, 14, .	1.6	0
149	AJAK inhibitor, tofacitinib reduces IL-6 and matrix metalloproteinase-3 production in rheumatoid arthritis with suppressed cartilage destruction. Arthritis Research and Therapy, 2012, 14, .	1.6	3
150	Regulation of macrophage-mediated chronic inflammation by JAK inhibitors. Arthritis Research and Therapy, 2012, 14, .	1.6	1
151	Th17 is involved in the pathogenesis of Bechet's disease via CCL20-CCR6 axis. Arthritis Research and Therapy, 2012, 14, .	1.6	2
152	The association of autoantibodies expression, Th1/Th2 cytokines balance and IFNG polymorphism with histological phenotype of lupus nephritis. Arthritis Research and Therapy, 2012, 14, .	1.6	0
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155	Features of rheumatic fever in adult patients in modern Kyrgyzstan. Arthritis Research and Therapy, 2012, 14, .	1.6	0
156	Increased concentration of serum soluble LAG3 in systemic lupus erythematosus. Arthritis Research and Therapy, 2012, 14, .	1.6	1
157	Unc93 homolog B1 restricts systemic lethal inflammation by orchestrating TLR7 and TLR9 response. Arthritis Research and Therapy, 2012, 14, .	1.6	0
158	Stimulation of bone formation in cortical bone of the mice treated with a novel bone anabolic peptide with osteoclastogenesis inhibitory activity. Arthritis Research and Therapy, 2012, 14, .	1.6	0
159	The crucial role of osteocyte-derived RANKL in bone homeostasis. Arthritis Research and Therapy, 2012, 14, .	1.6	1
160	Association of microRNA-221/222 and -323-3p with rheumatoid arthritis via predictions using the human TNF transgenic mouse model. Arthritis Research and Therapy, 2012, 14, .	1.6	1
161	Brain perfusion in fibromyalgia patients and its differences between responders and poor responders to gabapentin. Arthritis Research and Therapy, 2012, 14, .	1.6	0
162	Osteoimmunology: the expanding role of immunoreceptors in osteoclasts and bone remodeling. BoneKey Reports, 2012, 1, .	2.7	40
163	Bone remodelling in osteoarthritis. Nature Reviews Rheumatology, 2012, 8, 665-673.	3.5	667

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165	Mechanical loading prevents the stimulating effect of IL-1 β on osteocyte-modulated osteoclastogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 11-16.	1.0	61
166	Activation of resorption in fatigue-loaded bone involves both apoptosis and active pro-osteoclastogenic signaling by distinct osteocyte populations. <i>Bone</i> , 2012, 50, 1115-1122.	1.4	241
167	Serum sclerostin levels in Paget's disease and prostate cancer with bone metastases with a wide range of bone turnover. <i>Bone</i> , 2012, 51, 153-157.	1.4	55
168	Alterations in the osteocyte lacunar/canalicular microenvironment due to estrogen deficiency. <i>Bone</i> , 2012, 51, 488-497.	1.4	102
169	Bone Cells Crosstalk: Noncanonical Roring in the Wnt. <i>Cell Metabolism</i> , 2012, 15, 415-417.	7.2	6
170	The skeleton as an endocrine organ. <i>Nature Reviews Rheumatology</i> , 2012, 8, 674-683.	3.5	132
171	New developments in osteoimmunology. <i>Nature Reviews Rheumatology</i> , 2012, 8, 684-689.	3.5	213
172	Fibroblast growth factor 21 promotes bone loss by potentiating the effects of peroxisome proliferator-activated receptor β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3143-3148.	3.3	331
173	Denosumab for the management of bone disease in patients with solid tumors. <i>Expert Review of Anticancer Therapy</i> , 2012, 12, 307-322.	1.1	31
179	The collection of NFATc1-dependent transcripts in the osteoclast includes numerous genes non-essential to physiologic bone resorption. <i>Bone</i> , 2012, 51, 902-912.	1.4	35
180	Estrogen and the skeleton. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 576-581.	3.1	604
181	New insights into osteoclastogenic signaling mechanisms. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 582-590.	3.1	275
182	Leukemia inhibitory factor: A paracrine mediator of bone metabolism. <i>Growth Factors</i> , 2012, 30, 76-87.	0.5	48
183	Pathophysiology of CKD-MBD. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2012, 10, 128-141.	1.3	2
184	Wnt5a-Ror2 signaling between osteoblast-lineage cells and osteoclast precursors enhances osteoclastogenesis. <i>Nature Medicine</i> , 2012, 18, 405-412.	15.2	417
185	Progress in RANK ligand biology: bone and beyond. <i>IBMS BoneKEy</i> , 2012, 9, .	0.1	1
186	IL-1 β and compressive forces lead to a significant induction of RANKL-expression in primary human cementoblasts. <i>Journal of Orofacial Orthopedics</i> , 2012, 73, 397-412.	0.5	39

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