

Gerald J Atkins

List of Publications by Year in Descending Order

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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.

135
papers

6,438
citations

46
h-index

77
g-index

149
ext. papers

7,164
ext. citations

5.4
avg, IF

5.71
L-index

#	Paper	IF	Citations
135	EMG-informed neuromusculoskeletal models accurately predict knee loading measured using instrumented implants.. <i>IEEE Transactions on Biomedical Engineering</i> , 2022 , PP,	5	4
134	A Human Osteocyte Cell Line Model for Studying Persistence in Osteomyelitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 781022	5.9	1
133	Generation of two multipotent mesenchymal progenitor cell lines capable of osteogenic, mature osteocyte, adipogenic, and chondrogenic differentiation. <i>Scientific Reports</i> , 2021 , 11, 22593	4.9	0
132	Vitamin D receptor expression in mature osteoclasts reduces bone loss due to low dietary calcium intake in male mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 210, 105857	5.1	2
131	Cognitive decline is associated with an accelerated rate of bone loss and increased fracture risk in women: a prospective study from the Canadian Multicentre Osteoporosis Study. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 2106-2115	6.3	4
130	Postoperative lower limb joint kinematics following tibial plateau fracture: A 2-year longitudinal study. <i>Gait and Posture</i> , 2021 , 83, 20-25	2.6	3
129	Vitamin D supplementation improves bone mineralisation independent of dietary phosphate in male X-linked hypophosphatemic (Hyp) mice. <i>Bone</i> , 2021 , 143, 115767	4.7	4
128	Relationships between the Bone Expression of Alzheimer's Disease-Related Genes, Bone Remodelling Genes and Cortical Bone Structure in Neck of Femur Fracture. <i>Calcified Tissue International</i> , 2021 , 108, 610-621	3.9	1
127	Advancing of Additive-Manufactured Titanium Implants with Bioinspired Micro- to Nanotopographies. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 441-450	5.5	14
126	Sclerostin Directly Stimulates Osteocyte Synthesis of Fibroblast Growth Factor-23. <i>Calcified Tissue International</i> , 2021 , 109, 66-76	3.9	4
125	Current Concepts of Osteomyelitis: From Pathologic Mechanisms to Advanced Research Methods. <i>American Journal of Pathology</i> , 2020 , 190, 1151-1163	5.8	19
124	A New Approach to Surgical Management of Tibial Plateau Fractures. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
123	3D Bioprinting of Methylcellulose/Gelatin-Methacryloyl (MC/GelMA) Bioink with High Shape Integrity.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 1815-1826	4.1	42
122	Human osteocyte expression of Nerve Growth Factor: The effect of Pentosan Polysulphate Sodium (PPS) and implications for pain associated with knee osteoarthritis. <i>PLoS ONE</i> , 2019 , 14, e0222602	3.7	10
121	Osteocytes respond to particles of clinically-relevant conventional and cross-linked polyethylene and metal alloys by up-regulation of resorptive and inflammatory pathways. <i>Acta Biomaterialia</i> , 2019 , 87, 296-306	10.8	25
120	The Late Osteoblast/Preosteocyte Cell Line MLO-A5 Displays Mesenchymal Lineage Plasticity and. <i>Stem Cells International</i> , 2019 , 2019, 9838167	5	4
119	Evidence for Gender-Specific Bone Loss Mechanisms in Periprosthetic Osteolysis. <i>Journal of Clinical Medicine</i> , 2019 , 9,	5.1	3

118	Elevated Serum 25-Hydroxyvitamin D Levels Are Associated with Improved Bone Formation and Micro-Structural Measures in Elderly Hip Fracture Patients. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
117	Surgical Technique to Manage Periprosthetic Fractures of the Knee in Patients with Infected Leg Ulcers: A Report of Two Cases. <i>JBJS Case Connector</i> , 2019 , 9, e0347	0.4	
116	Novel Insights into Staphylococcus aureus Deep Bone Infections: the Involvement of Osteocytes. <i>MBio</i> , 2018 , 9,	7.8	72
115	Micro- and nano-structured 3D printed titanium implants with a hydroxyapatite coating for improved osseointegration. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3136-3144	7.3	41
114	Both ligand and VDR expression levels critically determine the effect of 1 α ,25-dihydroxyvitamin-D on osteoblast differentiation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 177, 83-90	5.1	8
113	Time dependent loss of trabecular bone in human tibial plateau fractures. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2865-2875	3.8	0
112	Vitamin D Activities in Osteocytes 2018 , 319-327		
111	Absence of vitamin D receptor in mature osteoclasts results in altered osteoclastic activity and bone loss. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 177, 77-82	5.1	12
110	Evidence for altered osteoclastogenesis in splenocyte cultures from VDR knockout mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 177, 96-102	5.1	1
109	A Fluorometric Method for the Quantification of Cell Number in Complex Differentiating Osteoblast-Osteocyte Cultures. <i>Methods and Protocols</i> , 2018 , 1, 14	2.5	78
108	Postoperative weight bearing and patient reported outcomes at one year following tibial plateau fractures. <i>Injury</i> , 2017 , 48, 1650-1656	2.5	17
107	Anodized 3D-printed titanium implants with dual micro- and nano-scale topography promote interaction with human osteoblasts and osteocyte-like cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 3313-3325	4.4	64
106	Anticancer efficacy of the hypoxia-activated prodrug evofosfamide is enhanced in combination with proapoptotic receptor agonists against osteosarcoma. <i>Cancer Medicine</i> , 2017 , 6, 2164-2176	4.8	9
105	Peroxidase enzymes inhibit osteoclast differentiation and bone resorption. <i>Molecular and Cellular Endocrinology</i> , 2017 , 440, 8-15	4.4	9
104	Adoptive transfer of ex vivo expanded V β V α T cells in combination with zoledronic acid inhibits cancer growth and limits osteolysis in a murine model of osteolytic breast cancer. <i>Cancer Letters</i> , 2017 , 386, 141-150	9.9	15
103	Evidence for altered osteoclastogenesis in splenocyte cultures from Cyp27b1 knockout mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 353-360	5.1	4
102	Early response of the human SOST gene to stimulation by 1 α ,25-dihydroxyvitamin D. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 369-373	5.1	9
101	Osteocytes: The master cells in bone remodelling. <i>Current Opinion in Pharmacology</i> , 2016 , 28, 24-30	5.1	110

100	Evidence that osteocyte perilacunar remodelling contributes to polyethylene wear particle induced osteolysis. <i>Acta Biomaterialia</i> , 2016 , 33, 242-51	10.8	37
99	Peroxidase Enzymes Regulate Collagen Biosynthesis and Matrix Mineralization by Cultured Human Osteoblasts. <i>Calcified Tissue International</i> , 2016 , 98, 294-305	3.9	7
98	Sex-related differences in the skeletal phenotype of aged vitamin D receptor global knockout mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 361-368	5.1	10
97	Semaphorin-3a, neuropilin-1 and plexin-A1 in prosthetic-particle induced bone loss. <i>Acta Biomaterialia</i> , 2016 , 30, 311-318	10.8	12
96	Skeletal characterization of an osteoblast-specific vitamin D receptor transgenic (ObVDR-B6) mouse model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 331-336	5.1	8
95	Drug diffusion, integration, and stability of nanoengineered drug-releasing implants in bone ex-vivo. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 714-725	5.4	26
94	Comparison of the biological effects of exogenous and endogenous 1,25-dihydroxyvitamin D on the mature osteoblast cell line MLO-A5. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 374-378	5.1	4
93	Isolation of osteocytes from human trabecular bone. <i>Bone</i> , 2016 , 88, 64-72	4.7	28
92	Reversal of established bone pathology in MPS VII mice following lentiviral-mediated gene therapy. <i>Molecular Genetics and Metabolism</i> , 2016 , 119, 249-257	3.7	11
91	Drug-releasing nano-engineered titanium implants: therapeutic efficacy in 3D cell culture model, controlled release and stability. <i>Materials Science and Engineering C</i> , 2016 , 69, 831-40	8.3	44
90	Anticancer efficacy of the hypoxia-activated prodrug evofosfamide (TH-302) in osteolytic breast cancer murine models. <i>Cancer Medicine</i> , 2016 , 5, 534-45	4.8	22
89	1,25-dihydroxyvitamin D3 stimulates human SOST gene expression and sclerostin secretion. <i>Molecular and Cellular Endocrinology</i> , 2015 , 413, 157-67	4.4	32
88	Impaction bone grafting has potential as an adjunct to the surgical stabilisation of osteoporotic tibial plateau fractures: Early results of a case series. <i>Injury</i> , 2015 , 46, 1089-96	2.5	12
87	A Role for the Calcitonin Receptor to Limit Bone Loss During Lactation in Female Mice by Inhibiting Osteocytic Osteolysis. <i>Endocrinology</i> , 2015 , 156, 3203-14	4.8	38
86	Titania Nanotubes for Local Drug Delivery from Implant Surfaces. <i>Springer Series in Materials Science</i> , 2015 , 307-355	0.9	13
85	Localized drug delivery of selenium (Se) using nanoporous anodic aluminium oxide for bone implants. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7090-7098	7.3	18
84	Nanoengineered drug-releasing aluminium wire implants: comparative investigation of nanopore geometry, drug release and osteoblast cell adhesion. <i>RSC Advances</i> , 2015 , 5, 75004-75014	3.7	4
83	1,25-Dihydroxyvitamin D3 and extracellular calcium promote mineral deposition via NPP1 activity in a mature osteoblast cell line MLO-A5. <i>Molecular and Cellular Endocrinology</i> , 2015 , 412, 140-7	4.4	19

82	Regulation of FGF23 expression in IDG-SW3 osteocytes and human bone by pro-inflammatory stimuli. <i>Molecular and Cellular Endocrinology</i> , 2015 , 399, 208-18	4.4	118
81	Nanoengineered drug releasing aluminium wire implants: a model study for localized bone therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3288-3296	7.3	12
80	Hypoxia-activated pro-drug TH-302 exhibits potent tumor suppressive activity and cooperates with chemotherapy against osteosarcoma. <i>Cancer Letters</i> , 2015 , 357, 160-169	9.9	34
79	Osteoblast-chondrocyte interactions in osteoarthritis. <i>Current Osteoporosis Reports</i> , 2014 , 12, 127-34	5.4	94
78	Osteocyte Communication with the Kidney Via the Production of FGF23: Remote Control of Phosphate Homeostasis. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2014 , 12, 44-58	2.5	8
77	Vitamin D receptor overexpression in osteoblasts and osteocytes prevents bone loss during vitamin D-deficiency. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 128-31	5.1	29
76	The local production of 1,25(OH) ₂ D ₃ promotes osteoblast and osteocyte maturation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 114-8	5.1	35
75	Analysis of vitamin D metabolism gene expression in human bone: evidence for autocrine control of bone remodelling. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 110-3	5.1	19
74	SaOS2 Osteosarcoma cells as an in vitro model for studying the transition of human osteoblasts to osteocytes. <i>Calcified Tissue International</i> , 2014 , 95, 183-93	3.9	78
73	First Australian report of vitamin D-dependent rickets type I. <i>Medical Journal of Australia</i> , 2014 , 201, 420-1	4	3
72	Pharmacologic inhibition of bone resorption prevents cancer-induced osteolysis but enhances soft tissue metastasis in a mouse model of osteolytic breast cancer. <i>International Journal of Oncology</i> , 2014 , 45, 532-40	4.4	19
71	Doxorubicin overcomes resistance to drozitumab by antagonizing Inhibitor of Apoptosis Proteins (IAPs). <i>Anticancer Research</i> , 2014 , 34, 7007-20	2.3	3
70	Extracellular phosphate modulates the effect of 1,25-dihydroxy vitamin D ₃ (1,25D) on osteocyte like cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 136, 183-6	5.1	45
69	Periprosthetic osteolysis after total hip replacement: molecular pathology and clinical management. <i>Inflammopharmacology</i> , 2013 , 21, 389-96	5.1	29
68	Modulation of osteoclastic migration by metabolism of 25OH-vitamin D ₃ . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 136, 59-61	5.1	11
67	Calcium induces pro-anabolic effects on human primary osteoblasts associated with acquisition of mature osteocyte markers. <i>Molecular and Cellular Endocrinology</i> , 2013 , 376, 85-92	4.4	24
66	Critical role of p38 MAPK for regeneration of the sciatic nerve following crush injury in vivo. <i>Journal of Neuroinflammation</i> , 2013 , 10, 1	10.1	69
65	The pleiotropic effects of vitamin D in bone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 136, 190-4	5.1	52

64	Sclerostin regulates release of bone mineral by osteocytes by induction of carbonic anhydrase 2. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 2436-48	6.3	108
63	The paired-box homeodomain transcription factor Pax6 binds to the upstream region of the TRAP gene promoter and suppresses receptor activator of NF- κ B ligand (RANKL)-induced osteoclast differentiation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 31299-312	5.4	17
62	Nano-engineered titanium for enhanced bone therapy 2013 ,		14
61	Novel targets of vitamin D activity in bone: action of the vitamin D receptor in osteoblasts, osteocytes and osteoclasts. <i>Current Drug Targets</i> , 2013 , 14, 1683-8	3	17
60	Osteocyte regulation of bone mineral: a little give and take. <i>Osteoporosis International</i> , 2012 , 23, 2067-79	9.3	124
59	Polyethylene particles stimulate expression of ITAM-related molecules in peri-implant tissues and when stimulating osteoclastogenesis in vitro. <i>Acta Biomaterialia</i> , 2012 , 8, 3104-12	10.8	19
58	Characterization of drug-release kinetics in trabecular bone from titania nanotube implants. <i>International Journal of Nanomedicine</i> , 2012 , 7, 4883-92	7.3	32
57	Biocompatible polymer coating of titania nanotube arrays for improved drug elution and osteoblast adhesion. <i>Acta Biomaterialia</i> , 2012 , 8, 449-56	10.8	211
56	A Bioinformatics Resource for TWEAK-Fn14 Signaling Pathway. <i>Journal of Signal Transduction</i> , 2012 , 2012, 376470		21
55	TWEAK and Fn14 expression in the pathogenesis of joint inflammation and bone erosion in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2011 , 13, R51	5.7	35
54	Vitamin D metabolism within bone cells: effects on bone structure and strength. <i>Molecular and Cellular Endocrinology</i> , 2011 , 347, 42-7	4.4	43
53	Sclerostin stimulates osteocyte support of osteoclast activity by a RANKL-dependent pathway. <i>PLoS ONE</i> , 2011 , 6, e25900	3.7	340
52	Relationship between serum RANKL and RANKL in bone. <i>Osteoporosis International</i> , 2011 , 22, 2597-602	5.3	53
51	Sclerostin is a locally acting regulator of late-osteoblast/preosteocyte differentiation and regulates mineralization through a MEPE-ASARM-dependent mechanism. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1425-36	6.3	183
50	An update on primary hip osteoarthritis including altered Wnt and TGF- β -associated gene expression from the bony component of the disease. <i>Rheumatology</i> , 2011 , 50, 2166-75	3.9	16
49	Target Genes: Bone Proteins 2011 , 411-424		9
48	Role of polyethylene particles in peri-prosthetic osteolysis: A review. <i>World Journal of Orthopedics</i> , 2011 , 2, 93-101	2.2	40
47	TWEAK and TNF regulation of sclerostin: a novel pathway for the regulation of bone remodelling. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 691, 337-48	3.6	14

46	Circulating levels of TWEAK correlate with bone erosion in multiple myeloma patients. <i>British Journal of Haematology</i> , 2010 , 150, 373-6	4.5	4
45	Osteoclastic metabolism of 25(OH)-vitamin D3: a potential mechanism for optimization of bone resorption. <i>Endocrinology</i> , 2010 , 151, 4613-25	4.8	103
44	The metabolism of 25-(OH)vitamin D3 by osteoclasts and their precursors regulates the differentiation of osteoclasts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 277-80	5.1	54
43	Apo2L/TRAIL inhibits tumor growth and bone destruction in a murine model of multiple myeloma. <i>Clinical Cancer Research</i> , 2009 , 15, 1998-2009	12.9	30
42	Vitamin K promotes mineralization, osteoblast-to-osteocyte transition, and an anticatabolic phenotype by {gamma}-carboxylation-dependent and -independent mechanisms. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C1358-67	5.4	85
41	The generation of osteoclasts from RAW 264.7 precursors in defined, serum-free conditions. <i>Journal of Bone and Mineral Metabolism</i> , 2009 , 27, 114-9	2.9	48
40	Biomimetic hydroxyapatite coating on glass coverslips for the assay of osteoclast activity in vitro. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 1467-73	4.5	12
39	Strontium ranelate treatment of human primary osteoblasts promotes an osteocyte-like phenotype while eliciting an osteoprotegerin response. <i>Osteoporosis International</i> , 2009 , 20, 653-64	5.3	142
38	The induction of a catabolic phenotype in human primary osteoblasts and osteocytes by polyethylene particles. <i>Biomaterials</i> , 2009 , 30, 3672-81	15.6	83
37	Pro-inflammatory cytokines TNF-related weak inducer of apoptosis (TWEAK) and TNFalpha induce the mitogen-activated protein kinase (MAPK)-dependent expression of sclerostin in human osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1434-49	6.3	133
36	The skeleton as an intracrine organ for vitamin D metabolism. <i>Molecular Aspects of Medicine</i> , 2008 , 29, 397-406	16.7	70
35	Does Apo2L/TRAIL play any physiologic role in osteoclastogenesis?. <i>Blood</i> , 2008 , 111, 5411-2; autor reply 5413	2.2	17
34	Primary human osteoblasts grow into porous tantalum and maintain an osteoblastic phenotype. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 84, 691-701	5.4	69
33	Calcitonin receptor plays a physiological role to protect against hypercalcemia in mice. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1182-93	6.3	69
32	Bril: a novel bone-specific modulator of mineralization. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1497-508	6.3	107
31	Metabolism of vitamin D3 in human osteoblasts: evidence for autocrine and paracrine activities of 1 alpha,25-dihydroxyvitamin D3. <i>Bone</i> , 2007 , 40, 1517-28	4.7	191
30	RNAi-mediated silencing of CYP27B1 abolishes 1,25(OH)2D3 synthesis and reduces osteocalcin and CYP24 mRNA expression in human osteosarcoma (HOS) cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 601-5	5.1	36
29	The correlation of RANK, RANKL and TNFalpha expression with bone loss volume and polyethylene wear debris around hip implants. <i>Biomaterials</i> , 2006 , 27, 5212-9	15.6	95

28	TWEAK is a novel arthritogenic mediator. <i>Journal of Immunology</i> , 2006 , 177, 2610-20	5.3	128
27	RANK Expression as a cell surface marker of human osteoclast precursors in peripheral blood, bone marrow, and giant cell tumors of bone. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 1339-49	6.3	104
26	Molecular profiling of giant cell tumor of bone and the osteoclastic localization of ligand for receptor activator of nuclear factor kappaB. <i>American Journal of Pathology</i> , 2005 , 167, 117-28	5.8	111
25	Human trabecular bone-derived osteoblasts support human osteoclast formation in vitro in a defined, serum-free medium. <i>Journal of Cellular Physiology</i> , 2005 , 203, 573-82	7	28
24	Osteoprotegerin (OPG) is localized to the Weibel-Palade bodies of human vascular endothelial cells and is physically associated with von Willebrand factor. <i>Journal of Cellular Physiology</i> , 2005 , 204, 714-23	7	124
23	Target Genes: Bone Proteins 2005 , 711-720		2
22	The proliferation and phenotypic expression of human osteoblasts on tantalum metal. <i>Biomaterials</i> , 2004 , 25, 2215-27	15.6	159
21	Isolation of a human homolog of osteoclast inhibitory lectin that inhibits the formation and function of osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2004 , 19, 89-99	6.3	35
20	The nitrogen-containing bisphosphonate, zoledronic acid, increases mineralisation of human bone-derived cells in vitro. <i>Bone</i> , 2004 , 34, 112-23	4.7	92
19	Increased expression of IL-6 and RANK mRNA in human trabecular bone from fragility fracture of the femoral neck. <i>Bone</i> , 2004 , 35, 334-42	4.7	62
18	RANKL expression is related to the differentiation state of human osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2003 , 18, 1088-98	6.3	195
17	Progressive resistance of BTK-143 osteosarcoma cells to Apo2L/TRAIL-induced apoptosis is mediated by acquisition of Dcr2/TRAIL-R4 expression: resensitisation with chemotherapy. <i>British Journal of Cancer</i> , 2003 , 89, 206-14	8.7	59
16	Receptor activator of nuclear factor-kappaB ligand expression by human myeloma cells mediates osteoclast formation in vitro and correlates with bone destruction in vivo. <i>Cancer Research</i> , 2003 , 63, 5438-45	10.1	165
15	Chemotherapeutic agents sensitize osteogenic sarcoma cells, but not normal human bone cells, to Apo2L/TRAIL-induced apoptosis. <i>International Journal of Cancer</i> , 2002 , 99, 491-504	7.5	130
14	Calcitonin decreases the adherence and survival of HEK-293 cells by a caspase-independent mechanism. <i>Journal of Endocrinology</i> , 2002 , 175, 715-25	4.7	16
13	Human osteoblasts are resistant to Apo2L/TRAIL-mediated apoptosis. <i>Bone</i> , 2002 , 31, 448-56	4.7	64
12	The ratio of messenger RNA levels of receptor activator of nuclear factor kappaB ligand to osteoprotegerin correlates with bone remodeling indices in normal human cancellous bone but not in osteoarthritis. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 1015-27	6.3	109
11	Osteoprotegerin inhibits osteoclast formation and bone resorbing activity in giant cell tumors of bone. <i>Bone</i> , 2001 , 28, 370-7	4.7	83

10	Expression of Defensin Antimicrobial Peptides in the Peritoneal Cavity of Patients on Peritoneal Dialysis. <i>Peritoneal Dialysis International</i> , 2001 , 21, 501-508	2.8	12
9	The osteoclastogenic molecules RANKL and RANK are associated with periprosthetic osteolysis. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2001 , 83, 902-11		119
8	Enhanced expression of osteocalcin mRNA in human osteoarthritic trabecular bone of the proximal femur is associated with decreased expression of interleukin-6 and interleukin-11 mRNA. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 332-41	6.3	38
7	Expression of osteoclast differentiation signals by stromal elements of giant cell tumors. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 640-9	6.3	139
6	Coordinated cytokine expression by stromal and hematopoietic cells during human osteoclast formation. <i>Bone</i> , 2000 , 26, 653-61	4.7	66
5	Expression of fibrillins and other microfibril-associated proteins in human bone and osteoblast-like cells. <i>Bone</i> , 2000 , 27, 61-7	4.7	52
4	Calcitonin receptor-mediated growth suppression of HEK-293 cells is accompanied by induction of p21WAF1/CIP1 and G2/M arrest. <i>Molecular Endocrinology</i> , 1999 , 13, 1738-50		31
3	Bidirectional signaling between stromal and hemopoietic cells regulates interleukin-1 expression during human osteoclast formation. <i>Bone</i> , 1999 , 25, 269-78	4.7	41
2	Hepatitis B virus binding to leucocyte plasma membranes utilizes a different region of the preS1 domain to the hepatocyte receptor binding site and does not require receptors for opsonins. <i>Immunology and Cell Biology</i> , 1997 , 75, 259-66	5	1
1	A Mild Case of Autosomal Recessive Osteopetrosis Masquerading as the Dominant Form Involving Homozygous Deep Intronic Variations in the CLCN7 Gene. <i>Calcified Tissue International</i> ,	3.9	