

# Johannes P T M Van Leeuwen

## List of Publications by Year in descending order

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241  
papers

19,049  
citations

9756

73  
h-index

13338

130  
g-index

258  
all docs

258  
docs citations

258  
times ranked

20033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of hypoxia-induced Mucin 1 alters the proteomic composition of human osteoblast-produced extracellular matrix, leading to reduced osteogenic and angiogenic potential. <i>Journal of Cellular Physiology</i> , 2022, 237, 1440-1454.	2.0	5
2	Cell Surface Glycoprotein CD24 Marks Bone Marrow-Derived Human Mesenchymal Stem/Stromal Cells with Reduced Proliferative and Differentiation Capacity In Vitro. <i>Stem Cells and Development</i> , 2021, 30, 325-336.	1.1	7
3	A bibliometric overview of craniosynostosis research development. <i>European Journal of Medical Genetics</i> , 2021, 64, 104224.	0.7	6
4	Two-day treatment of Activin A leads to transient change in SVFO osteoblast gene expression and reduction in matrix mineralization. <i>Journal of Cellular Physiology</i> , 2020, 235, 4865-4877.	2.0	4
5	Sorting living mesenchymal stem cells using a TWIST1 RNA-based probe depends on incubation time and uptake capacity. <i>Cytotechnology</i> , 2020, 72, 37-45.	0.7	4
6	Identification of osteolineage cell-derived extracellular vesicle cargo implicated in hematopoietic support. <i>FASEB Journal</i> , 2020, 34, 5435-5452.	0.2	10
7	Human mesenchymal stromal cells in adhesion to cell-derived extracellular matrix and titanium: Comparative kinome profile analysis. <i>Journal of Cellular Physiology</i> , 2019, 234, 2984-2996.	2.0	23
8	Follistatin Effects in Migration, Vascularization, and Osteogenesis in vitro and Bone Repair in vivo. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 38.	2.0	16
9	A follistatin-based molecule increases muscle and bone mass without affecting the red blood cell count in mice. <i>FASEB Journal</i> , 2019, 33, 6001-6010.	0.2	20
10	Hydroxychloroquine decreases human MSC-derived osteoblast differentiation and mineralization in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 873-882.	1.6	11
11	Human Osteoblast-Derived Extracellular Matrix with High Homology to Bone Proteome Is Osteopromotive. <i>Tissue Engineering - Part A</i> , 2018, 24, 1377-1389.	1.6	18
12	Collagen I derived recombinant protein microspheres as novel delivery vehicles for bone morphogenetic protein-2. <i>Materials Science and Engineering C</i> , 2018, 84, 271-280.	3.8	24
13	NELL-1, HMGB1, and CCN2 Enhance Migration and Vasculogenesis, But Not Osteogenic Differentiation Compared to BMP2. <i>Tissue Engineering - Part A</i> , 2018, 24, 207-218.	1.6	26
14	Comparative proteomic profiling of human osteoblast-derived extracellular matrices identifies proteins involved in mesenchymal stromal cell osteogenic differentiation and mineralization. <i>Journal of Cellular Physiology</i> , 2018, 233, 387-395.	2.0	23
15	A comparison of UV-B compact lamps in enabling cutaneous vitamin D synthesis in growing bearded dragons. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 308-316.	1.0	10
16	Hydroxychloroquine affects bone resorption both in vitro and in vivo. <i>Journal of Cellular Physiology</i> , 2018, 233, 1424-1433.	2.0	19
17	Using the Connectivity Map to discover compounds influencing human osteoblast differentiation. <i>Journal of Cellular Physiology</i> , 2018, 233, 4895-4906.	2.0	34
18	Understanding Age-Induced Cortical Porosity in Women: The Accumulation and Coalescence of Eroded Cavities Upon Existing Intracortical Canals Is the Main Contributor. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 606-620.	3.1	54

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19	Zika virus infection perturbs osteoblast function. <i>Scientific Reports</i> , 2018, 8, 16975.	1.6	12
20	Understanding age-induced cortical porosity in women: Is a negative BMU balance in quiescent osteons a major contributor?. <i>Bone</i> , 2018, 117, 70-82.	1.4	15
21	Serum Phosphate Is Associated With Fracture Risk: The Rotterdam Study and MrOS. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1182-1193.	3.1	40
22	Vitamin D endocrinology of bone mineralization. <i>Molecular and Cellular Endocrinology</i> , 2017, 453, 46-51.	1.6	61
23	Identification of Three Early Phases of Cell-Fate Determination during Osteogenic and Adipogenic Differentiation by Transcription Factor Dynamics. <i>Stem Cell Reports</i> , 2017, 8, 947-960.	2.3	66
24	Molecular characterization of human osteoblast-derived extracellular vesicle mRNA using next-generation sequencing. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1133-1141.	1.9	22
25	Osteoclastogenic capacity of peripheral blood mononuclear cells is not different between women with and without osteoporosis. <i>Bone</i> , 2017, 95, 108-114.	1.4	7
26	Novel Compound Heterozygous Mutations in the CYP27B1 Gene Lead to Pseudovitamin D-Deficient Rickets. <i>Calcified Tissue International</i> , 2016, 99, 326-331.	1.5	7
27	Osteoblasts secrete miRNA-containing extracellular vesicles that enhance expansion of human umbilical cord blood cells. <i>Scientific Reports</i> , 2016, 6, 32034.	1.6	27
28	Mesenchymal Inflammation Drives Genotoxic Stress in Hematopoietic Stem Cells and Predicts Disease Evolution in Human Pre-leukemia. <i>Cell Stem Cell</i> , 2016, 19, 613-627.	5.2	277
29	Paracrine Signaling by Extracellular Vesicles via Osteoblasts. <i>Current Molecular Biology Reports</i> , 2016, 2, 48-55.	0.8	29
30	Adverse Effects of Diabetes Mellitus on the Skeleton of Aging Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 290-299.	1.7	10
31	25-Hydroxyvitamin D and osteoarthritis: A meta-analysis including new data. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, 539-546.	1.6	36
32	Lifelong challenge of calcium homeostasis in male mice lacking TRPV5 leads to changes in bone and calcium metabolism. <i>Oncotarget</i> , 2016, 7, 24928-24941.	0.8	6
33	Inflammatory Niche Signalling Drives Genotoxic Stress in Hematopoietic Stem Cells and Predicts Leukemic Evolution in Human Leukemia Predisposition Syndromes. <i>Blood</i> , 2016, 128, 428-428.	0.6	0
34	Supporting data of spatiotemporal proliferation of human stromal cells adjusts to nutrient availability and leads to stanniocalcin-1 expression in vitro and in vivo. <i>Data in Brief</i> , 2015, 5, 84-94.	0.5	1
35	THE INFLUENCE OF ULTRAVIOLET-B RADIATION ON THE GROWTH OF MARABOU STORK ( <i>LEPTOPTILOS</i> ) Tj ETQq1 1 0.784314 rgB / D<sub>3</sub> CONCENTRATIONS. <i>Journal of Zoo and Wildlife Medicine</i> , 2015, 46, 682-690.	0.3	6
36	Editorial: Launch of Biochemistry and Biophysics Reports. <i>Biochemistry and Biophysics Reports</i> , 2015, 1, 108.	0.7	0

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37	Spatiotemporal proliferation of human stromal cells adjusts to nutrient availability and leads to stanniocalcin-1 expression in vitro and in vivo. <i>Biomaterials</i> , 2015, 61, 190-202.	5.7	9
38	UV exposure inhibits intestinal tumor growth and progression to malignancy in intestine-specific <i>Apc</i> mutant mice kept on low vitamin D diet. <i>International Journal of Cancer</i> , 2015, 136, 271-277.	2.3	29
39	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	1.8	317
40	Proteomic signatures of extracellular vesicles secreted by nonmineralizing and mineralizing human osteoblasts and stimulation of tumor cell growth. <i>FASEB Journal</i> , 2015, 29, 274-285.	0.2	72
41	The diet of free-roaming Australian Central Bearded Dragons ( <i>Pogona vitticeps</i> ). <i>Zoo Biology</i> , 2015, 34, 271-277.	0.5	23
42	Dexamethasone in osteogenic medium strongly induces adipocyte differentiation of mouse bone marrow stromal cells and increases osteoblast differentiation. <i>BMC Cell Biology</i> , 2015, 16, 9.	3.0	77
43	Connectivity Map-based discovery of parabendazole reveals targetable human osteogenic pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12711-12716.	3.3	81
44	Thrombin receptor deficiency leads to a high bone mass phenotype by decreasing the RANKL/OPG ratio. <i>Bone</i> , 2015, 72, 14-22.	1.4	22
45	Identification of microRNAs in Human Plasma. <i>Methods in Molecular Biology</i> , 2015, 1226, 71-85.	0.4	1
46	Calcifying vascular smooth muscle cells and osteoblasts: independent cell types exhibiting extracellular matrix and biomineralization-related mimics. <i>BMC Genomics</i> , 2014, 15, 965.	1.2	87
47	Vitamin D and gene networks in human osteoblasts. <i>Frontiers in Physiology</i> , 2014, 5, 137.	1.3	100
48	Ghrelin and bone. <i>BioFactors</i> , 2014, 40, 41-48.	2.6	43
49	Vitamin D endocrine system and osteoblasts. <i>BoneKey Reports</i> , 2014, 3, 493.	2.7	66
50	Cancer and bone: A complex complex. <i>Archives of Biochemistry and Biophysics</i> , 2014, 561, 159-166.	1.4	37
51	A human vitamin D receptor mutation causes rickets and impaired Th1/Th17 responses. <i>Bone</i> , 2014, 69, 6-11.	1.4	12
52	Genetic Manipulation of the Ghrelin Signaling System in Male Mice Reveals Bone Compartment Specificity of Acylated and Unacylated Ghrelin in the Regulation of Bone Remodeling. <i>Endocrinology</i> , 2014, 155, 4287-4295.	1.4	16
53	Extracellular vesicles: Specialized bone messengers. <i>Archives of Biochemistry and Biophysics</i> , 2014, 561, 38-45.	1.4	22
54	Bioinformatics-based selection of a model cell type for in vitro biomaterial testing. <i>Biomaterials</i> , 2013, 34, 5552-5561.	5.7	11

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55	Oxygen-induced transcriptional dynamics in human osteoblasts are most prominent at the onset of mineralization. <i>Journal of Cellular Physiology</i> , 2013, 228, 1863-1872.	2.0	8
56	EFFECT OF CALCIUM AND CHOLECALCIFEROL SUPPLEMENTATION ON SEVERAL PARAMETERS OF CALCIUM STATUS IN PLASMA AND URINE OF CAPTIVE ASIAN ( <i>ELEPHAS MAXIMUS</i> ) AND AFRICAN ELEPHANTS ( <i>LOXODONTA AFRICANA</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2013, 44, 529-540.	0.3	16
57	1,25-Dihydroxyvitamin D <sub>3</sub> and rosiglitazone synergistically enhance osteoblast-mediated mineralization. <i>Gene</i> , 2013, 512, 438-443.	1.0	15
58	The vitamin D analog ZK191784 normalizes decreased bone matrix mineralization in mice lacking the calcium channel TRPV5. <i>Journal of Cellular Physiology</i> , 2013, 228, 402-407.	2.0	5
59	A small molecule approach to engineering vascularized tissue. <i>Biomaterials</i> , 2013, 34, 3053-3063.	5.7	31
60	Blood vitamin D <sub>3</sub> metabolite concentrations of adult female bearded dragons ( <i>Pogona vitticeps</i> ) remain stable after ceasing UVB exposure. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 196-200.	0.7	18
61	TRPV4 deficiency causes sexual dimorphism in bone metabolism and osteoporotic fracture risk. <i>Bone</i> , 2013, 57, 443-454.	1.4	33
62	MicroRNA Functions in Osteogenesis and Dysfunctions in Osteoporosis. <i>Current Osteoporosis Reports</i> , 2013, 11, 72-82.	1.5	192
63	High content imaging in the screening of biomaterial-induced MSC behavior. <i>Biomaterials</i> , 2013, 34, 1498-1505.	5.7	21
64	High Bone Mineral Density and Fracture Risk in Type 2 Diabetes as Skeletal Complications of Inadequate Glucose Control. <i>Diabetes Care</i> , 2013, 36, 1619-1628.	4.3	309
65	Activin A Suppresses Osteoblast Mineralization Capacity by Altering Extracellular Matrix (ECM) Composition and Impairing Matrix Vesicle (MV) Production. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2890-2900.	2.5	57
66	1,25-dihydroxyvitamin D <sub>3</sub> stimulates activin A production to fine-tune osteoblast-induced mineralization. <i>Journal of Cellular Physiology</i> , 2013, 228, 2167-2174.	2.0	35
67	1,25(OH) <sub>2</sub> D <sub>3</sub> Inhibits Th17 Polarisation and ROR $\gamma$ t Expression through GATA3-Dependent and -Independent Mechanisms. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A13.2-A13.	0.5	0
68	TNF blockade requires 1,25(OH) <sub>2</sub> D <sub>3</sub> to control human Th17-mediated synovial inflammation. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 606-612.	0.5	80
69	Better knowledge on vitamin D and calcium in older people is associated with a higher serum vitamin D level and a higher daily dietary calcium intake. <i>Health Education Journal</i> , 2012, 71, 474-482.	0.6	8
70	Diverse Effects of Cyclic AMP Variants on Osteogenic and Adipogenic Differentiation of Human Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2012, 18, 1431-1442.	1.6	14
71	Effects of dexamethasone-loaded PLGA microspheres on human fetal osteoblasts. <i>Journal of Biomaterials Applications</i> , 2012, 27, 477-483.	1.2	15
72	Characterization of vitamin D-deficient <i>klotho</i> <sup>-/-</sup> mice: do increased levels of serum 1,25(OH) <sub>2</sub> D <sub>3</sub> cause disturbed calcium and phosphate homeostasis in <i>klotho</i> <sup>-/-</sup> mice?. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 4061-4068.	0.4	19

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73	1,25(OH) <sub>2</sub> D <sub>3</sub> modulates gene expression involved in cytokine production, proliferation, survival and migration of TH17 cells from patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A17.1-A17.	0.5	0
74	Bone fragility and decline in stem cells in prematurely aging DNA repair deficient trichothiodystrophy mice. <i>Age</i> , 2012, 34, 845-861.	3.0	20
75	Osteoblast differentiation stage determines the bidirectional cross-talk with bone metastatic prostate cancer cells. <i>Bone</i> , 2012, 50, S182-S183.	1.4	1
76	5-HIAA excretion is not associated with bone metabolism in carcinoid syndrome patients. <i>Bone</i> , 2012, 50, 1260-1265.	1.4	13
77	In vitro cytotoxicity evaluation of porous TiO <sub>2</sub> -Ag antibacterial coatings for human fetal osteoblasts. <i>Acta Biomaterialia</i> , 2012, 8, 4191-4197.	4.1	131
78	An Age-Dependent Interaction with Leptin Unmasks Ghrelin's Bone-Protective Effects. <i>Endocrinology</i> , 2012, 153, 3593-3602.	1.4	39
79	Evidence of vitamin D and interferon- $\gamma$ cross-talk in human osteoblasts with 1,25-dihydroxyvitamin D <sub>3</sub> being dominant over interferon- $\gamma$ in stimulating mineralization. <i>Journal of Cellular Physiology</i> , 2012, 227, 3258-3266.	2.0	18
80	A calcium-induced signaling cascade leading to osteogenic differentiation of human bone marrow-derived mesenchymal stromal cells. <i>Biomaterials</i> , 2012, 33, 3205-3215.	5.7	363
81	Decreased oxygen tension lowers reactive oxygen species and apoptosis and inhibits osteoblast matrix mineralization through changes in early osteoblast differentiation. <i>Journal of Cellular Physiology</i> , 2012, 227, 1309-1318.	2.0	49
82	The transient receptor potential channel TRPV6 is dynamically expressed in bone cells but is not crucial for bone mineralization in mice. <i>Journal of Cellular Physiology</i> , 2012, 227, 1951-1959.	2.0	36
83	IFN- $\gamma$ impairs extracellular matrix formation leading to inhibition of mineralization by effects in the early stage of human osteoblast differentiation. <i>Journal of Cellular Physiology</i> , 2012, 227, 2668-2676.	2.0	27
84	Age-Related Skeletal Dynamics and Decrease in Bone Strength in DNA Repair Deficient Male Trichothiodystrophy Mice. <i>PLoS ONE</i> , 2012, 7, e35246.	1.1	15
85	Unraveling the Human Bone Microenvironment beyond the Classical Extracellular Matrix Proteins: A Human Bone Protein Library. <i>Journal of Proteome Research</i> , 2011, 10, 4725-4733.	1.8	39
86	Basic Techniques in Human Mesenchymal Stem Cell Cultures: Differentiation into Osteogenic and Adipogenic Lineages, Genetic Perturbations, and Phenotypic Analyses. <i>Current Protocols in Stem Cell Biology</i> , 2011, 17, Unit1H.3.	3.0	43
87	Opposing actions of rosiglitazone and resveratrol on mineralization in human vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 862-871.	0.9	8
88	Analysis of osteoarthritis in a mouse model of the progeroid human DNA repair syndrome trichothiodystrophy. <i>Age</i> , 2011, 33, 247-260.	3.0	12
89	<i>GPM6B</i> regulates osteoblast function and induction of mineralization by controlling cytoskeleton and matrix vesicle release. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2045-2051.	3.1	47
90	Osteoarthritis induction leads to early and temporal subchondral plate porosity in the tibial plateau of mice: An in vivo microfocal computed tomography study. <i>Arthritis and Rheumatism</i> , 2011, 63, 2690-2699.	6.7	145

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91	Pro-osteogenic trophic effects by PKA activation in human mesenchymal stromal cells. <i>Biomaterials</i> , 2011, 32, 6089-6098.	5.7	33
92	Vitamin D suppresses the pathogenic behaviour of primary Th17 cells from patients with early rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A47-A47.	0.5	6
93	Preliminary validation of assays to measure parameters of calcium metabolism in captive Asian and African elephants in western Europe. <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 504-510.	0.5	6
94	The Role of Body Mass Index, Insulin, and Adiponectin in the Relation Between Fat Distribution and Bone Mineral Density. <i>Calcified Tissue International</i> , 2010, 86, 116-125.	1.5	68
95	Stimulation of osteogenic differentiation in human osteoprogenitor cells by pulsed electromagnetic fields: an in vitro study. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 188.	0.8	141
96	The T-13910C polymorphism in the lactase phlorizin hydrolase gene is associated with differences in serum calcium levels and calcium intake. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1980-1987.	3.1	21
97	1,25-dihydroxyvitamin D <sub>3</sub> modulates Th17 polarization and interleukin-22 expression by memory T cells from patients with early rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 132-142.	6.7	248
98	Stretch-induced inhibition of Wnt/β-catenin signaling in mineralizing osteoblasts. <i>Journal of Orthopaedic Research</i> , 2010, 28, 390-396.	1.2	31
99	Estrogen modulates iodoacetate-induced gene expression in bovine cartilage explants. <i>Journal of Orthopaedic Research</i> , 2010, 28, 607-615.	1.2	10
100	1,25-(OH) <sub>2</sub> D <sub>3</sub> acts in the early phase of osteoblast differentiation to enhance mineralization via accelerated production of mature matrix vesicles. <i>Journal of Cellular Physiology</i> , 2010, 225, 593-600.	2.0	69
101	A New Concept Underlying Stem Cell Lineage Skewing That Explains the Detrimental Effects of Thiazolidinediones on Bone. <i>Stem Cells</i> , 2010, 28, 916-927.	1.4	75
102	Synergistic induction of local glucocorticoid generation by inflammatory cytokines and glucocorticoids: implications for inflammation associated bone loss. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1185-1190.	0.5	50
103	Design principles of nuclear receptor signaling: how complex networking improves signal transduction. <i>Molecular Systems Biology</i> , 2010, 6, 446.	3.2	32
104	Proteomic Analysis of Human Osteoblastic Cells: Relevant Proteins and Functional Categories for Differentiation. <i>Journal of Proteome Research</i> , 2010, 9, 4688-4700.	1.8	30
105	Effects of vitamin D3 supplementation and UVB exposure on the growth and plasma concentration of vitamin D3 metabolites in juvenile bearded dragons ( <i>Pogona vitticeps</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 122-128.	0.7	54
106	Oestrogen is important for maintenance of cartilage and subchondral bone in a murine model of knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R182.	1.6	74
107	Klotho Prevents Renal Calcium Loss. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2371-2379.	3.0	105
108	ADAMTS <sup>-/-</sup> mice have less subchondral bone changes after induction of osteoarthritis through surgical instability: implications for a link between cartilage and subchondral bone changes. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 636-645.	0.6	113

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109	Development of osteoarthritic features in estrogen receptor knockout mice. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 1356-1361.	0.6	42
110	SIRT1 genetic variation and mortality in type 2 diabetes: interaction with smoking and dietary niacin. <i>Free Radical Biology and Medicine</i> , 2009, 46, 836-841.	1.3	44
111	Evidence for direct effects of prolactin on human osteoblasts: Inhibition of cell growth and mineralization. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 677-685.	1.2	90
112	Systems biology towards life in silico: mathematics of the control of living cells. <i>Journal of Mathematical Biology</i> , 2009, 58, 7-34.	0.8	77
113	Vitamin D3 enhances matrix mineralization by modifying osteoblast function during the pre-mineralization period. <i>Bone</i> , 2009, 44, S322.	1.4	0
114	Ageing and vitamin D deficiency: effects on calcium homeostasis and considerations for vitamin D supplementation. <i>British Journal of Nutrition</i> , 2009, 101, 1597-1606.	1.2	44
115	Vitamin D Binding Protein Genotype and Osteoporosis. <i>Calcified Tissue International</i> , 2009, 85, 85-93.	1.5	97
116	Vitamin D Status, Bone Mineral Density, and the Development of Radiographic Osteoarthritis of the Knee. <i>Journal of Clinical Rheumatology</i> , 2009, 15, 230-237.	0.5	115
117	Wnt signaling acts and is regulated in a human osteoblast differentiation dependent manner. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 568-579.	1.2	68
118	Bone Resorption Inhibitor Alendronate Normalizes the Reduced Bone Thickness of TRPV5 <sup>-/-</sup> Mice. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1815-1824.	3.1	25
119	A role for subchondral bone changes in the process of osteoarthritis; a micro-CT study of two canine models. <i>BMC Musculoskeletal Disorders</i> , 2008, 9, 20.	0.8	117
120	Evidence for multiple peroxisome proliferator-activated receptor $\beta$ transcripts in bone: Fine-tuning by hormonal regulation and mRNA stability. <i>FEBS Letters</i> , 2008, 582, 1618-1624.	1.3	28
121	Cartilage damage pattern in relation to subchondral plate thickness in a collagenase-induced model of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 506-514.	0.6	106
122	Animal models for osteoarthritis: the effect of ovariectomy and estrogen treatment – a systematic approach. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 533-541.	0.6	164
123	Large-scale analysis of association between polymorphisms in the transforming growth factor beta 1 gene (TGFB1) and osteoporosis: The GENOMOS study. <i>Bone</i> , 2008, 42, 969-981.	1.4	91
124	Iodothyronine deiodinase enzyme activities in bone. <i>Bone</i> , 2008, 43, 126-134.	1.4	80
125	Subclinical hypocalcaemia in captive Asian elephants ( <i>Elephas maximus</i> ). <i>Veterinary Record</i> , 2008, 162, 475-479.	0.2	16
126	Large-Scale Analysis of Association Between <i>LRP5</i> and <i>LRP6</i> Variants and Osteoporosis. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 1277.	3.8	246



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127	The activin A- follistatin system: potent regulator of human extracellular matrix mineralization. <i>FASEB Journal</i> , 2007, 21, 2949-2960.	0.2	152
128	The Catechol-O-Methyltransferase Met158 Low-Activity Allele and Association with Nonvertebral Fracture Risk in Elderly Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3206-3212.	1.8	20
129	Ghrelin and Bone. <i>Vitamins and Hormones</i> , 2007, 77, 239-258.	0.7	27
130	Vitamin D Receptor Gene Haplotype Is Associated with Body Height and Bone Size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1491-1501.	1.8	48
131	Long-term fluoxetine administration does not result in major changes in bone architecture and strength in growing rats. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 360-368.	1.2	47
132	Intrinsic differentiation potential of adolescent human tendon tissue: an in-vitro cell differentiation study. <i>BMC Musculoskeletal Disorders</i> , 2007, 8, 16.	0.8	92
133	The essential role of glucocorticoids for proper human osteoblast differentiation and matrix mineralization. <i>Molecular and Cellular Endocrinology</i> , 2006, 248, 87-93.	1.6	116
134	Large-Scale Evidence for the Effect of the COL1A1 Sp1 Polymorphism on Osteoporosis Outcomes: The GENOMOS Study. <i>PLoS Medicine</i> , 2006, 3, e90.	3.9	160
135	The novel vitamin D analog ZK191784 as an intestine-specific vitamin D antagonist. <i>FASEB Journal</i> , 2006, 20, 2171-2173.	0.2	15
136	The Association between Common Vitamin D Receptor Gene Variations and Osteoporosis: A Participant-Level Meta-Analysis. <i>Annals of Internal Medicine</i> , 2006, 145, 255.	2.0	219
137	Estrogen Receptor $\beta$ (ESR2) Polymorphisms in Interaction With Estrogen Receptor $\alpha$ (ESR1) and Insulin-Like Growth Factor I (IGF1) Variants Influence the Risk of Fracture in Postmenopausal Women. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1443-1456.	3.1	73
138	Long-term serotonin administration leads to higher bone mineral density, affects bone architecture, and leads to higher femoral bone stiffness in rats. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 1283-1291.	1.2	61
139	Evidence that both $1\alpha,25$ -dihydroxyvitamin D3 and 24-hydroxylated D3 enhance human osteoblast differentiation and mineralization. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 922-935.	1.2	127
140	Stretch-induced modulation of matrix metalloproteinases in mineralizing osteoblasts via extracellular signal-regulated kinase-1/2. <i>Journal of Orthopaedic Research</i> , 2006, 24, 1480-1488.	1.2	26
141	The novel vitamin D analog ZK191784 as an intestine-specific vitamin D antagonist. <i>FASEB Journal</i> , 2006, , .	0.2	15
142	Age-dependent alterations in Ca <sup>2+</sup> homeostasis: role of TRPV5 and TRPV6. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F1177-F1183.	1.3	52
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