

# Juha Tuukkanen

## List of Publications by Year in descending order

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173  
papers

7,817  
citations

50170

46  
h-index

64668

79  
g-index

178  
all docs

178  
docs citations

178  
times ranked

8599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning of a novel bacteria-binding receptor structurally related to scavenger receptors and expressed in a subset of macrophages. <i>Cell</i> , 1995, 80, 603-609.	13.5	447
2	Evidence for the presence of a proton pump of the vacuolar H(+)-ATPase type in the ruffled borders of osteoclasts.. <i>Journal of Cell Biology</i> , 1990, 111, 1305-1311.	2.3	360
3	Osteoblast-derived WNT16 represses osteoclastogenesis and prevents cortical bone fragility fractures. <i>Nature Medicine</i> , 2014, 20, 1279-1288.	15.2	303
4	Autoimmune Regulator Is Expressed in the Cells Regulating Immune Tolerance in Thymus Medulla. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 821-825.	1.0	263
5	Effect of porosity on the osteointegration and bone ingrowth of a weight-bearing nickel-titanium bone graft substitute. <i>Biomaterials</i> , 2003, 24, 4691-4697.	5.7	242
6	Comparison of three-point bending test and peripheral quantitative computed tomography analysis in the evaluation of the strength of mouse femur and tibia. <i>Bone</i> , 1998, 23, 155-161.	1.4	208
7	The mechanical strength of bone in different rat models of experimental osteoporosis. <i>Bone</i> , 1994, 15, 523-532.	1.4	170
8	In vivo biocompatibility evaluation of nickel-titanium shape memory metal alloy: Muscle and perineural tissue responses and capsule membrane thickness. , 1998, 41, 481-488.		154
9	Omeprazole, a specific inhibitor of H <sup>+</sup> -ATPase, inhibits bone resorption in vitro. <i>Calcified Tissue International</i> , 1986, 38, 123-125.	1.5	152
10	Organization of osteoclast microfilaments during the attachment to bone surface in vitro. <i>Journal of Bone and Mineral Research</i> , 1989, 4, 817-825.	3.1	152
11	Adenoviral VEGF-A gene transfer induces angiogenesis and promotes bone formation in healing osseous tissues. <i>Journal of Gene Medicine</i> , 2003, 5, 560-566.	1.4	125
12	Carbonic Anhydrase II Plays a Major Role in Osteoclast Differentiation and Bone Resorption by Effecting the Steady State Intracellular pH and Ca <sup>2+</sup> . <i>Experimental Cell Research</i> , 1998, 242, 128-137.	1.2	122
13	Estrogen receptor in osteocytes is important for trabecular bone formation in male mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2294-2299.	3.3	118
14	Effect of nickel-titanium shape memory metal alloy on bone formation. <i>Biomaterials</i> , 2001, 22, 2475-2480.	5.7	116
15	Induced repatterning of type XVIII collagen expression in ureter bud from kidney to lung type: association with sonic hedgehog and ectopic surfactant protein C. <i>Development (Cambridge)</i> , 2001, 128, 1573-1585.	1.2	110
16	Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin on Bone in Two Rat Strains with Different Aryl Hydrocarbon Receptor Structures. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1812-1820.	3.1	107
17	Behaviour of Nitinol in osteoblast-like ROS-17 cell cultures. <i>Biomaterials</i> , 2002, 23, 645-650.	5.7	101
18	Bone-Resorbing Osteoclasts Contain Gap-Junctional Connexin-43. <i>Journal of Bone and Mineral Research</i> , 2010, 15, 919-926.	3.1	100

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19	Dioxins interfere with differentiation of osteoblasts and osteoclasts. <i>Bone</i> , 2009, 44, 1134-1142.	1.4	91
20	Bone healing and mineralization, implant corrosion, and trace metals after nickel-titanium shape memory metal intramedullary fixation. , 1999, 47, 472-480.		87
21	A metaphyseal defect model of the femur for studies of murine bone healing. <i>Bone</i> , 2001, 28, 423-429.	1.4	84
22	Osteogenic Differentiation of Human Mesenchymal Stem cells in a 3D Woven Scaffold. <i>Scientific Reports</i> , 2018, 8, 10457.	1.6	83
23	Effects of In Utero and Lactational TCDD Exposure on Bone Development in Differentially Sensitive Rat Lines. <i>Toxicological Sciences</i> , 2005, 85, 1003-1012.	1.4	82
24	Estrogen deposits extra mineral into bones of female rats in puberty, but simultaneously seems to suppress the responsiveness of female skeleton to mechanical loading. <i>Bone</i> , 2003, 32, 642-651.	1.4	80
25	Melt Spinning of Poly(lactic acid) and Hydroxyapatite Composite Fibers: Influence of the Filler Content on the Fiber Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 6864-6872.	4.0	77
26	Bone modeling and cell-material interface responses induced by nickel-titanium shape memory alloy after periosteal implantation. <i>Biomaterials</i> , 1999, 20, 1309-1317.	5.7	75
27	Changes induced in growing rat bone by immobilization and remobilization. <i>Bone</i> , 1991, 12, 113-118.	1.4	74
28	Bone modeling controlled by a nickel-titanium shape memory alloy intramedullary nail. <i>Biomaterials</i> , 2002, 23, 2535-2543.	5.7	72
29	Osteoclasts and Remodeling Based Bone Formation. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 626-633.	0.6	70
30	Effect of bioactive extruded PLA/HA composite films on focal adhesion formation of preosteoblastic cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 409-416.	2.5	69
31	Femoral Neck Response to Exercise and Subsequent Deconditioning in Young and Adult Rats. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 1292-1299.	3.1	67
32	Biocompatibility and strength properties of nitinol shape memory alloy suture in rabbit tendon. <i>Biomaterials</i> , 2004, 25, 353-358.	5.7	66
33	Exercise can provide protection against bone loss and prevent the decrease in mechanical strength of femoral neck in ovariectomized rats. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 1559-1564.	3.1	66
34	Progression of human aortic valve stenosis is associated with tenascin-C expression. <i>Journal of the American College of Cardiology</i> , 2002, 39, 96-101.	1.2	65
35	Expression Profiles of mRNAs for Osteoblast and Osteoclast Proteins as Indicators of Bone Loss in Mouse Immobilization Osteopenia Model. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1934-1942.	3.1	62
36	The Bone Gain Induced by Exercise in Puberty Is Not Preserved Through a Virtually Life-Long Deconditioning: A Randomized Controlled Experimental Study in Male Rats. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 544-552.	3.1	61

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37	Effect of Modified Pectin Molecules on the Growth of Bone Cells. <i>Biomacromolecules</i> , 2007, 8, 509-515.	2.6	59
38	p38 Kinase rescues failing myocardium after myocardial infarction: evidence for angiogenic and anti-apoptotic mechanisms. <i>FASEB Journal</i> , 2006, 20, 1907-1909.	0.2	58
39	In Utero/Lactational 2,3,7,8-Tetrachlorodibenzo-p-dioxin Exposure Impairs Molar Tooth Development in Rats. <i>Toxicology and Applied Pharmacology</i> , 2001, 174, 216-224.	1.3	57
40	High Dietary Phosphate Intake Reduces Bone Strength in the Growing Rat Skeleton. <i>Journal of Bone and Mineral Research</i> , 2006, 22, 83-92.	3.1	57
41	Effects of developmental exposure to perfluorooctanoic acid (PFOA) on long bone morphology and bone cell differentiation. <i>Toxicology and Applied Pharmacology</i> , 2016, 301, 14-21.	1.3	55
42	Perfluoroalkyl substances in human bone: concentrations in bones and effects on bone cell differentiation. <i>Scientific Reports</i> , 2017, 7, 6841.	1.6	55
43	rab5 GTPase Regulates Adenovirus Endocytosis. <i>Journal of Virology</i> , 1999, 73, 9664-9668.	1.5	54
44	Chlamydia pneumoniae Inhibits Apoptosis in Human Epithelial and Monocyte Cell Lines*. <i>Scandinavian Journal of Immunology</i> , 2002, 55, 390-398.	1.3	52
45	Wnt-4 signaling is involved in the control of smooth muscle cell fate via Bmp-4 in the medullary stroma of the developing kidney. <i>Developmental Biology</i> , 2006, 293, 473-483.	0.9	51
46	Differentiation of Osteoblasts on Pectin-Coated Titanium. <i>Biomacromolecules</i> , 2008, 9, 2369-2376.	2.6	51
47	The role of membrane ER $\pm$ signaling in bone and other major estrogen responsive tissues. <i>Scientific Reports</i> , 2016, 6, 29473.	1.6	51
48	Mechanical properties in long bones of rat osteopetrotic mutations. <i>Journal of Biomechanics</i> , 2002, 35, 161-165.	0.9	50
49	Type XIII Collagen Strongly Affects Bone Formation in Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1381-1393.	3.1	50
50	The bone-sparing effects of estrogen and WNT16 are independent of each other. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14972-14977.	3.3	50
51	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure on bone material properties. <i>Journal of Biomechanics</i> , 2010, 43, 1097-1103.	0.9	47
52	Long-term effects of ovariectomy on the mechanical properties and chemical composition of rat bone. <i>Bone</i> , 1997, 20, 207-212.	1.4	46
53	Long-Term Administration of Clodronate Does Not Prevent Fracture Healing in Rats. <i>Clinical Orthopaedics and Related Research</i> , 2003, 408, 268-278.	0.7	46
54	Physical Exercise Improves Properties of Bone and Its Collagen Network in Growing and Maturing Mice. <i>Calcified Tissue International</i> , 2009, 85, 247-256.	1.5	45

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55	A Novel Component of Epidermal Cellâ€“Matrix and Cellâ€“Cell Contacts: Transmembrane Protein Type XIII Collagen. <i>Journal of Investigative Dermatology</i> , 1999, 113, 635-642.	0.3	44
56	Mineral Density and Bone Strength Are Dissociated in Long Bones of Rat Osteopetrotic Mutations. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1905-1911.	3.1	44
57	Severe Extracellular Matrix Abnormalities and Chondrodysplasia in Mice Lacking Collagen Prolyl 4-Hydroxylase Isoenzyme II in Combination with a Reduced Amount of Isoenzyme I. <i>Journal of Biological Chemistry</i> , 2015, 290, 16964-16978.	1.6	43
58	Ovariectomy-Induced Bone Loss Can be Affected by Different Intensities of Treadmill Running Exercise in Rats. <i>Calcified Tissue International</i> , 1997, 60, 441-448.	1.5	42
59	Connexin-mimetic peptide Gap 27 decreases osteoclastic activity. <i>BMC Musculoskeletal Disorders</i> , 2001, 2, 10.	0.8	41
60	Expression of the Hutchinson-Gilford Progeria Mutation during Osteoblast Development Results in Loss of Osteocytes, Irregular Mineralization, and Poor Biomechanical Properties. <i>Journal of Biological Chemistry</i> , 2012, 287, 33512-33522.	1.6	39
61	<b>The effect of training on the recovery from immobilizationâ€“induced bone loss in rats</b>. <i>Acta Physiologica Scandinavica</i> , 1992, 145, 407-411.	2.3	38
62	Urinary Bladder Transitional Cell Carcinogenesis Is Associated with Down-Regulation of NF1 Tumor Suppressor Gene in Vivo and in Vitro. <i>American Journal of Pathology</i> , 1999, 154, 755-765.	1.9	38
63	Immunolocalization of EMMPRIN (Cd147) in the Human Eye and Detection of Soluble Form of EMMPRIN in Ocular Fluids. <i>Current Eye Research</i> , 2006, 31, 917-924.	0.7	38
64	Native bovine bone morphogenetic protein improves the potential of biocoral to heal segmental canine ulnar defects. <i>International Orthopaedics</i> , 2000, 24, 289-294.	0.9	37
65	Estrogen receptor- $\beta$ expression in neuronal cells affects bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 983-988.	3.3	37
66	Porcupine inhibitors impair trabecular and cortical bone mass and strength in mice. <i>Journal of Endocrinology</i> , 2018, 238, 13-23.	1.2	37
67	Effects of Recombinant Human Osteogenic Protein-1 on the Differentiation of Osteoclast-Like Cells and Bone Resorption. <i>Biochemical and Biophysical Research Communications</i> , 1995, 209, 433-443.	1.0	36
68	Femoral neck strength of mouse in two loading configurations. <i>Journal of Biomechanics</i> , 1998, 31, 723-729.	0.9	36
69	Femoral Neck Is a Sensitive Indicator of Bone Loss in Immobilized Hind Limb of Mouse. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1708-1713.	3.1	36
70	Dioxin-Sensitive Proteins in Differentiating Osteoblasts: Effects on Bone Formation In Vitro. <i>Toxicological Sciences</i> , 2009, 108, 330-343.	1.4	36
71	New insights to the role of aryl hydrocarbon receptor in bone phenotype and in dioxin-induced modulation of bone microarchitecture and material properties. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 219-226.	1.3	36
72	Osteoclasts secrete osteopontin into resorption lacunae during bone resorption. <i>Histochemistry and Cell Biology</i> , 2019, 151, 475-487.	0.8	36

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73	TGF- $\beta$ 1 secretion of ROS-17/2.8 cultures on NiTi implant material. <i>Biomaterials</i> , 2002, 23, 3341-3346.	5.7	35
74	Effect of running exercise on the bone loss induced by orchidectomy in the rat. <i>Calcified Tissue International</i> , 1994, 55, 33-37.	1.5	32
75	Comparison of Radiographic and pQCT Analyses of Healing Rat Tibial Fractures. <i>Calcified Tissue International</i> , 2000, 66, 288-291.	1.5	32
76	Propofol anesthesia induces phase synchronization changes in EEG. <i>Clinical Neurophysiology</i> , 2001, 112, 386-392.	0.7	32
77	Inducible Wnt16 inactivation: WNT16 regulates cortical bone thickness in adult mice. <i>Journal of Endocrinology</i> , 2018, 237, 113-122.	1.2	32
78	Endostatin inhibits VEGF-A induced osteoclastic bone resorption in vitro. <i>BMC Musculoskeletal Disorders</i> , 2006, 7, 56.	0.8	31
79	Peripheral blood monocytes show increased osteoclast differentiation potential compared to bone marrow monocytes. <i>Heliyon</i> , 2018, 4, e00780.	1.4	31
80	Keratinocytes cultured from patients with Hailey-Hailey disease and Darier disease display distinct patterns of calcium regulation. <i>British Journal of Dermatology</i> , 2005, 153, 113-117.	1.4	30
81	Bone resorption by aryl hydrocarbon receptor-expressing osteoclasts is not disturbed by TCDD in short-term cultures. <i>Life Sciences</i> , 2005, 77, 1351-1366.	2.0	30
82	Changes in subchondral bone mineral density and collagen matrix organization in growing horses. <i>Bone</i> , 2008, 43, 1108-1114.	1.4	30
83	Quantitative characterization of changes in bone geometry, mineral density and biomechanical properties in two rat strains with different Ah-receptor structures after long-term exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology</i> , 2010, 273, 1-11.	2.0	30
84	Multiple miliary osteoma cutis is a distinct disease entity: four case reports and review of the literature. <i>British Journal of Dermatology</i> , 2011, 164, no-no.	1.4	28
85	Female Mice Lacking Estrogen Receptor- $\beta$ in Hypothalamic Proopiomelanocortin (POMC) Neurons Display Enhanced Estrogenic Response on Cortical Bone Mass. <i>Endocrinology</i> , 2016, 157, 3242-3252.	1.4	28
86	Polarity of Mature Human Odontoblasts. <i>Journal of Dental Research</i> , 2013, 92, 1011-1016.	2.5	26
87	Temporal Trends in Vertebral Size and Shape from Medieval to Modern-Day. <i>PLoS ONE</i> , 2009, 4, e4836.	1.1	26
88	Toxicological Profile of Ultrapure 2,2',3,4,4',5,5'-Heptachlorbiphenyl (PCB 180) in Adult Rats. <i>PLoS ONE</i> , 2014, 9, e104639.	1.1	25
89	Calcitonin treatment of immobilization osteoporosis in rats. <i>Acta Physiologica Scandinavica</i> , 1991, 141, 119-124.	2.3	24
90	Clodronate Prevents Osteopenia and Loss of Trabecular Connectivity in Estrogen-Deficient Rats. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 287-296.	3.1	24

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91	Osteoblast-derived NOTUM reduces cortical bone mass in mice and the <i>NOTUM</i> locus is associated with bone mineral density in humans. <i>FASEB Journal</i> , 2019, 33, 11163-11179.	0.2	24
92	Alteration in the Mechanical Competence and Structural Properties in the Femoral Neck and Vertebrae of Ovariectomized Rats. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 616-623.	3.1	23
93	Long-term voluntary exercise of male mice induces more beneficial effects on cancellous and cortical bone than on the collagenous matrix. <i>Experimental Gerontology</i> , 2009, 44, 708-717.	1.2	23
94	Synergistic effects of tributyltin and 2,3,7,8-tetrachlorodibenzo-p-dioxin on differentiating osteoblasts and osteoclasts. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 210-217.	1.3	23
95	The role of activation functions 1 and 2 of estrogen receptor- $\beta$ for the effects of estradiol and selective estrogen receptor modulators in male mice. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1117-1126.	3.1	23
96	Polarity of Osteoblasts and Osteoblast-like UMR-108 Cells. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1338-1344.	3.1	22
97	Bone morphogenetic proteins 4 and 2/7 induce osteogenic differentiation of mouse skin derived fibroblast and dermal papilla cells. <i>Cell and Tissue Research</i> , 2014, 355, 463-470.	1.5	22
98	Nuclear factor- $\kappa$ B signaling contributes to severe, but not moderate, angiotensin II-induced left ventricular remodeling. <i>Journal of Hypertension</i> , 2007, 25, 1927-1939.	0.3	21
99	The effect of oxide thickness on osteoblast attachment and survival on NiTi alloy. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 959-967.	1.7	21
100	Biocompatibility of sol-gel-derived titania-silica coated intramedullary NiTi nails. <i>Acta Biomaterialia</i> , 2009, 5, 785-793.	4.1	21
101	Transgene silencing of the Hutchinson-Gilford progeria syndrome mutation results in a reversible bone phenotype, whereas resveratrol treatment does not show overall beneficial effects. <i>FASEB Journal</i> , 2015, 29, 3193-3205.	0.2	21
102	Effect of exercise on osteoporosis induced by ovariectomy in rats. <i>Calcified Tissue International</i> , 1991, 49, S80-S80.	1.5	20
103	Effect of metal alloy surface stresses on the viability of ROS-17/2.8 osteoblastic cells. <i>Biomaterials</i> , 2002, 23, 3733-3740.	5.7	20
104	Renal insufficiency-induced bone loss is associated with an increase in bone size and preservation of strength in rat proximal femur. <i>Bone</i> , 2006, 39, 353-360.	1.4	20
105	A novel treatment of grade III acromioclavicular joint dislocations with a C-hook implant. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2006, 126, 22-27.	1.3	20
106	Endostatin inhibits endochondral ossification. <i>Journal of Gene Medicine</i> , 2007, 9, 1057-1064.	1.4	20
107	Influence of intensity and changes of physical activity on bone mineral density of immature equine subchondral bone. <i>Equine Veterinary Journal</i> , 2009, 41, 564-571.	0.9	20
108	Enzalutamide Reduces the Bone Mass in the Axial But Not the Appendicular Skeleton in Male Mice. <i>Endocrinology</i> , 2016, 157, 969-977.	1.4	20

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109	SERMs have substance-specific effects on bone, and these effects are mediated via ER $\alpha$ /AF-1 in female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E912-E918.	1.8	20
110	Hydroxyapatite as a Nanomaterial for Advanced Tissue Engineering and Drug Therapy. <i>Current Pharmaceutical Design</i> , 2017, 23, 3786-3793.	0.9	20
111	Unilateral Masticatory Function Changes the Proteoglycan Content of Mandibular Condylar Cartilage in Rabbit. <i>Cells Tissues Organs</i> , 2000, 167, 49-57.	1.3	19
112	RSPO3 is important for trabecular bone and fracture risk in mice and humans. <i>Nature Communications</i> , 2021, 12, 4923.	5.8	19
113	The androgen receptor is required for maintenance of bone mass in adult male mice. <i>Molecular and Cellular Endocrinology</i> , 2019, 479, 159-169.	1.6	19
114	Age-related trends in vertebral dimensions. <i>Journal of Anatomy</i> , 2015, 226, 434-439.	0.9	18
115	Bovine bone implant with bovine bone morphogenetic protein in healing a canine ulnar defect. <i>International Orthopaedics</i> , 2001, 25, 5-8.	0.9	17
116	Pectin-coated titanium implants are well-tolerated <i>in vivo</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 1404-1409.	2.1	17
117	In utero and lactational exposure to Aroclor 1254 affects bone geometry, mineral density and biomechanical properties of rat offspring. <i>Toxicology Letters</i> , 2011, 207, 82-88.	0.4	17
118	Osteoclasts in the interface with electrospun hydroxyapatite. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 774-783.	2.5	17
119	Adhesion and mechanical properties of nanocrystalline hydroxyapatite coating obtained by conversion of atomic layer-deposited calcium carbonate on titanium substrate. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 111.	1.7	17
120	Clinically relevant doses of vitamin A decrease cortical bone mass in mice. <i>Journal of Endocrinology</i> , 2018, 239, 389-402.	1.2	17
121	Effects of Long-Term Administration of Clodronate on Growing Rat Bone. <i>Calcified Tissue International</i> , 2001, 69, 350-355.	1.5	16
122	The Effect of Perinatal TCDD Exposure on Caries Susceptibility in Rats. <i>Toxicological Sciences</i> , 2006, 91, 568-575.	1.4	16
123	Affecting osteoblastic responses with <i>in vivo</i> engineered potato pectin fragments. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 111-119.	2.1	16
124	Preparation and bioactive properties of nanocrystalline hydroxyapatite thin films obtained by conversion of atomic layer deposited calcium carbonate. <i>Biointerphases</i> , 2014, 9, 031008.	0.6	15
125	Prednisolone treatment reduces the osteogenic effects of loading in mice. <i>Bone</i> , 2018, 112, 10-18.	1.4	15
126	Dioxin exposure in contaminated sawmill area: The use of molar teeth and bone of bank vole ( <i>Clethrionomys glareolus</i> ) and field vole ( <i>Microtus agrestis</i> ) as biomarkers. <i>Chemosphere</i> , 2007, 68, 951-957.	4.2	14



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127	Osteoclastogenesis is Influenced by Modulation of Gap Junctional Communication with Antiarrhythmic Peptides. <i>Calcified Tissue International</i> , 2013, 92, 270-281.	1.5	13
128	Modeling skeletal traits and functions of the upper body: Comparing archaeological and anthropological material. <i>Journal of Anthropological Archaeology</i> , 2013, 32, 347-351.	0.7	12
129	Liver-derived IGF-I regulates cortical bone mass but is dispensable for the osteogenic response to mechanical loading in female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E138-E144.	1.8	12
130	Compressive loading of the murine tibia reveals site-specific micro-scale differences in adaptation and maturation rates of bone. <i>Osteoporosis International</i> , 2017, 28, 1121-1131.	1.3	12
131	Membrane estrogen receptor $\alpha$ is essential for estrogen signaling in the male skeleton. <i>Journal of Endocrinology</i> , 2018, 239, 303-312.	1.2	12
132	Osteoclasts and a small population of peripheral blood cells share common surface antigens. <i>Calcified Tissue International</i> , 1990, 47, 8-17.	1.5	11
133	Influence of physical activity on vertebral size. <i>Osteoporosis International</i> , 2011, 22, 371-372.	1.3	11
134	Perinatal Exposure to Environmental Contaminants Detected in Canadian Arctic Human Populations Changes Bone Geometry and Biomechanical Properties in Rat Offspring. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 1304-1318.	1.1	11
135	Comparison of the bone modeling effects caused by curved and straight nickel-titanium intramedullary nails. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 1157-1161.	1.7	10
136	Fibronectin modulates osteoblast behavior on Nitinol. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 787-796.	2.1	10
137	Increased amount of phosphorylated proinflammatory osteopontin in rheumatoid arthritis synovia is associated to decreased tartrate-resistant acid phosphatase 5B/5A ratio. <i>PLoS ONE</i> , 2017, 12, e0182904.	1.1	10
138	Effect of bioactive glass airâ€abrasion on the wettability and osteoblast proliferation on sandblasted and acidâ€etched titanium surfaces. <i>European Journal of Oral Sciences</i> , 2020, 128, 160-169.	0.7	9
139	Osteoblast Attachment on Titanium Coated with Hydroxyapatite by Atomic Layer Deposition. <i>Biomolecules</i> , 2022, 12, 654.	1.8	9
140	Identification of osteoclasts by rhodamine-conjugated peanut agglutinin. <i>Calcified Tissue International</i> , 1986, 39, 161-165.	1.5	8
141	Endostatin Affects Osteoblast Behavior In Vitro, but Collagen XVIII/Endostatin Is Not Essential for Skeletal Development In Vivo. <i>Calcified Tissue International</i> , 2009, 85, 412-420.	1.5	8
142	Influence of physical activity on vertebral strength during late adolescence. <i>Spine Journal</i> , 2013, 13, 184-189.	0.6	8
143	The association between knee breadth and body mass: The Northern Finland Birth Cohort 1966 case study. <i>American Journal of Physical Anthropology</i> , 2019, 170, 196-206.	2.1	8
144	Endocrine, metabolic and apical effects of in utero and lactational exposure to non-dioxin-like 2,2â€,3,4,4â€,5,5â€heptachlorobiphenyl (PCB 180): A postnatal follow-up study in rats. <i>Reproductive Toxicology</i> , 2021, 102, 109-127.	1.3	8

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145	Bone morphogenetic protein 3b expressing reindeer antler. Journal of Biomedical Materials Research Part B, 2002, 59, 78-83.	3.0	7
146	The phase state of NiTi implant material affects osteoclastic attachment. Journal of Biomedical Materials Research - Part A, 2005, 75A, 681-688.	2.1	7
147	Biocompatibility-related surface characteristics of oxidized NiTi. Journal of Biomedical Materials Research - Part A, 2007, 82A, 810-819.	2.1	7
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