Jon H Tobias

List of Publications by Year
in descending order

257 papers	13,064 citations	34016 52 h-index	31759 101 g-index
322 all docs	322 docs citations	322 times ranked	15026 citing authors

#	Article	IF	Citations
1	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	9.4	1,179
2	Using multiple genetic variants as instrumental variables for modifiable risk factors. Statistical Methods in Medical Research, 2012, 21, 223-242.	0.7	617
3	An atlas of genetic influences on osteoporosis in humans and mice. Nature Genetics, 2019, 51, 258-266.	9.4	557
4	Wholeâ€genome sequencing identifies EN1 as a determinant of bone density and fracture. Nature, 2015, 526, 112-117.	13.7	483
5	Identification of 153 new loci associated with heel bone mineral density and functional involvement of GPC6 in osteoporosis. Nature Genetics, 2017, 49, 1468-1475.	9.4	391
6	A common variant of HMGA2 is associated with adult and childhood height in the general population. Nature Genetics, 2007, 39, 1245-1250.	9.4	373
7	Association Between Bone Mass and Fractures in Children: A Prospective Cohort Study. Journal of Bone and Mineral Research, 2006, 21, 1489-1495.	3.1	313
8	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. American Journal of Human Genetics, 2018, 102, 88-102.	2.6	252
9	90-day mortality after 409â€˜096 total hip replacements for osteoarthritis, from the National Joint Registry for England and Wales: a retrospective analysis. Lancet, The, 2013, 382, 1097-1104.	6.3	243
10	Estrogen maintains trabecular bone volume in rats not only by suppression of bone resorption but also by stimulation of bone formation.. Journal of Clinical Investigation, 1992, 89, 74-78.	3.9	241
11	WNT16 Influences Bone Mineral Density, Cortical Bone Thickness, Bone Strength, and Osteoporotic Fracture Risk. PLoS Genetics, 2012, 8, e1002745.	1.5	240
12	Association Between Bone Density and Fractures in Children: A Systematic Review and Meta-analysis. Pediatrics, 2006, 117, e291-e297.	1.0	199
13	Deciphering osteoarthritis genetics across 826,690 individuals from 9 populations. Cell, 2021, 184, 4784-4818.e17.	13.5	188
14	Adipose Tissue Stimulates Bone Growth in Prepubertal Children. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2534-2541.	1.8	179
15	45-day mortality after 467â€˜779 knee replacements for osteoarthritis from the National Joint Registry for England and Wales: an observational study. Lancet, The, 2014, 384, 1429-1436.	6.3	158
16	Intervertebral Disc Degeneration Can Lead to â€œStress-Shieldingâ€•of the Anterior Vertebral Body. Spine, 2004, 29, 774-782.	1.0	153
17	Meta-Analysis of Genome-Wide Scans for Total Body BMD in Children and Adults Reveals Allelic Heterogeneity and Age-Specific Effects at the WNT16 Locus. PLoS Genetics, 2012, 8, e1002718.	1.5	142
18	Intervertebral Disc Degeneration Can Predispose to Anterior Vertebral Fractures in the Thoracolumbar Spine. Journal of Bone and Mineral Research, 2006, 21, 1409-1416.	3.1	137

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19	Association of maternal vitamin D status during pregnancy with bone-mineral content in offspring: a prospective cohort study. Lancet, The, 2013, 381, 2176-2183.	6.3	137
20	Phenotypic Dissection of Bone Mineral Density Reveals Skeletal Site Specificity and Facilitates the Identification of Novel Loci in the Genetic Regulation of Bone Mass Attainment. PLoS Genetics, 2014, 10, e1004423.	1.5	134
21	DNA Methylation Patterns in Cord Blood DNA and Body Size in Childhood. PLoS ONE, 2012, 7, e31821.	1.1	133
22	Epidemiology of generalized joint laxity (hypermobility) in fourteenâ€yearâ€old children from the UK: A populationâ€based evaluation. Arthritis and Rheumatism, 2011, 63, 2819-2827.	6.7	128
23	Habitual Levels of Physical Activity Influence Bone Mass in 11-Year-Old Children From the United Kingdom: Findings From a Large Population-Based Cohort. Journal of Bone and Mineral Research, 2006, 22, 101-109.	3.1	122
24	Growth hormone deficiency during puberty reduces adult bone mineral density.. Archives of Disease in Childhood, 1992, 67, 1472-1474.	1.0	120
25	Common variants in the region around Osterix are associated with bone mineral density and growth in childhood. Human Molecular Genetics, 2009, 18, 1510-1517.	1.4	117
26	Joint Hypermobility Is a Risk Factor for Musculoskeletal Pain During Adolescence: Findings of a Prospective Cohort Study. Arthritis and Rheumatism, 2013, 65, 1107-1115.	6.7	112
27	Associations of size at birth and dual-energy X-ray absorptiometry measures of lean and fat mass at 9 to 10 y of age. American Journal of Clinical Nutrition, 2006, 84, 739-747.	2.2	109
28	Obesity is a risk factor for musculoskeletal pain in adolescents: Findings from a population-based cohort. Pain, 2012, 153, 1932-1938.	2.0	109
29	Vigorous Physical Activity Increases Fracture Risk in Children Irrespective of Bone Mass: A Prospective Study of the Independent Risk Factors for Fractures in Healthy Children. Journal of Bone and Mineral Research, 2008, 23, 1012-1022.	3.1	104
30	A Comparison of Bone Mineral Density between Caucasian, Asian and Afro-Caribbean Women. Clinical Science, 1994, 87, 587-591.	1.8	101
31	Bone mass in childhood is related to maternal diet in pregnancy. Osteoporosis International, 2005, 16, 1731-1741.	1.3	101
32	Genetic Determinants of Trabecular and Cortical Volumetric Bone Mineral Densities and Bone Microstructure. PLoS Genetics, 2013, 9, e1003247.	1.5	100
33	Estimated Maternal Ultraviolet B Exposure Levels in Pregnancy Influence Skeletal Development of the Child. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 765-771.	1.8	90
34	How Does Body Fat Influence Bone Mass in Childhood? A Mendelian Randomization Approach. Journal of Bone and Mineral Research, 2009, 24, 522-533.	3.1	88
35	Meta-analysis of genome-wide studies identifies WNT16 and ESR1 SNPs associated with bone mineral density in premenopausal women. Journal of Bone and Mineral Research, 2013, 28, 547-558.	3.1	87
36	LRP5 Regulates Human Body Fat Distribution by Modulating Adipose Progenitor Biology in a Dose- and Depot-Specific Fashion. Cell Metabolism, 2015, 21, 262-273.	7.2	87

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37	The estrogen antagonist ICI 182,780 reduces cancellous bone volume in female rats.. Endocrinology, 1993, 133, 2787-2791.	1.4	85
38	Habitual levels of high, but not moderate or low, impact activity are positively related to hip BMD and geometry: Results from a population-based study of adolescents. Journal of Bone and Mineral Research, 2012, 27, 1887-1895.	3.1	85
39	Genome-wide association study of primary tooth eruption identifies pleiotropic loci associated with height and craniofacial distances. Human Molecular Genetics, 2013, 22, 3807-3817.	1.4	84
40	Opposite effects of insulin-like growth factor-I on the formation of trabecular and cortical bone in adult female rats.. Endocrinology, 1992, 131, 2387-2392.	1.4	83
41	High-Dose Estrogen Induces De Novo Medullary Bone Formation in Female Mice. Journal of Bone and Mineral Research, 1999, 14, 178-186.	3.1	83
42	Does estrogen stimulate osteoblast function in postmenopausal women?. Bone, 1999, 24, 121-124.	1.4	82
43	Bivariate genome-wide association meta-analysis of pediatric musculoskeletal traits reveals pleiotropic effects at the SREBF1/TOM1L2 locus. Nature Communications, 2017, 8, 121.	5.8	82
44	Bone Fragility Contributes to the Risk of Fracture in Children, Even After Moderate and Severe Trauma. Journal of Bone and Mineral Research, 2008, 23, 173-179.	3.1	79
45	Friend or foe: high bone mineral density on routine bone density scanning, a review of causes and management. Rheumatology, 2013, 52, 968-985.	0.9	77
46	Habitual Levels of Vigorous, But Not Moderate or Light, Physical Activity Is Positively Related to Cortical Bone Mass in Adolescents. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E793-E802.	1.8	75
47	P2 Receptors in Bone-Modulation of Osteoclast Formation and Activity via P2X7 Activation. Critical Reviews in Eukaryotic Gene Expression, 2003, 13, 6.	0.4	73
48	Fat Mass Exerts a Greater Effect on Cortical Bone Mass in Girls than Boys. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 699-706.	1.8	70
49	Genome-Wide Association Meta-Analysis of Cortical Bone Mineral Density Unravels Allelic Heterogeneity at the RANKL Locus and Potential Pleiotropic Effects on Bone. PLoS Genetics, 2010, 6, e1001217.	1.5	69
50	Osteoarthritis and bone mineral density: are strong bones bad for joints?. BoneKEy Reports, 2015, 4, 624.	2.7	63
51	Association Between Components of Body Composition and Scoliosis: A Prospective Cohort Study Reporting Differences Identifiable Before the Onset of Scoliosis. Journal of Bone and Mineral Research, 2014, 29, 1729-1736.	3.1	57
52	Role of endothelial nitric oxide synthase in estrogen-induced osteogenesis. Bone, 2001, 29, 24-29.	1.4	56
53	A novel ACVR1 mutation in the glycine/serine-rich domain found in the most benign case of a fibrodysplasia ossificans progressiva variant reported to date. Bone, 2011, 48, 654-658.	1.4	56
54	Using Mendelian randomization to investigate a possible causal relationship between adiposity and increased bone mineral density at different skeletal sites in children. International Journal of Epidemiology, 2016, 45, 1560-1572.	0.9	56

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55	Use of clinical risk factors to identify postmenopausal women with vertebral fractures. Osteoporosis International, 2007, 18, 35-43.	1.3	52
56	Epigenome-wide Association of DNA Methylation in Whole Blood With Bone Mineral Density. Journal of Bone and Mineral Research, 2017, 32, 1644-1650.	3.1	49
57	The Effect of LRP5 Polymorphisms on Bone Mineral Density Is Apparent in Childhood. Calcified Tissue International, 2007, 81, 1-9.	1.5	47
58	â€˜Sink or swimâ€™: an evaluation of the clinical characteristics of individuals with high bone mass. Osteoporosis International, 2012, 23, 643-654.	1.3	47
59	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. Journal of Bone and Mineral Research, 2019, 34, 241-251.	3.1	47
60	High Concentrations of 17Î²-Estradiol Stimulate Trabecular Bone Formation in Adult Female Rats*. Endocrinology, 1991, 128, 408-412.	1.4	46
61	Randomized controlled trial of a primary careâ€“based screening program to identify older women with prevalent osteoporotic vertebral fractures: Cohort for skeletal health in Bristol and Avon (COSHIBA). Journal of Bone and Mineral Research, 2012, 27, 664-671.	3.1	45
62	Osteophytes, Enthesophytes, and High Bone Mass: A Boneâ€Forming Triad With Potential Relevance in Osteoarthritis. Arthritis and Rheumatology, 2014, 66, 2429-2439.	2.9	45
63	The Effect of Plasma Lipids and Lipidâ€Lowering Interventions on Bone Mineral Density: A Mendelian Randomization Study. Journal of Bone and Mineral Research, 2020, 35, 1224-1235.	3.1	45
64	Perspective: PTH/PTHrP Activity and the Programming of Skeletal Development In Utero. Journal of Bone and Mineral Research, 2003, 19, 177-182.	3.1	44
65	Estrogen Receptor-Î± Dependency of Estrogenâ€™s Stimulatory Action on Cancellous Bone Formation in Male Mice. Endocrinology, 2003, 144, 1994-1999.	1.4	43
66	Adiponectin and its association with bone mass accrual in childhood. Journal of Bone and Mineral Research, 2010, 25, 2212-2220.	3.1	43
67	Genome-wide association study of extreme high bone mass: Contribution of common genetic variation to extreme BMD phenotypes and potential novel BMD-associated genes. Bone, 2018, 114, 62-71.	1.4	43
68	Effects of high-dose estrogen on murine hematopoietic bone marrow precede those on osteogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E1159-E1165.	1.8	42
69	Social Position Affects Bone Mass in Childhood Through Opposing Actions on Height and Weight. Journal of Bone and Mineral Research, 2005, 20, 2082-2089.	3.1	42
70	Jump Power and Force Have Distinct Associations With Cortical Bone Parameters: Findings From a Population Enriched by Individuals With High Bone Mass. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 266-275.	1.8	42
71	Habitual levels of higher, but not medium or low, impact physical activity are positively related to lower limb bone strength in older women: findings from a population-based study using accelerometers to classify impact magnitude. Osteoporosis International, 2017, 28, 2813-2822.	1.3	41
72	The association between insulin levels and cortical bone: Findings from a cross-sectional analysis of pQCT parameters in adolescents. Journal of Bone and Mineral Research, 2012, 27, 610-618.	3.1	40

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73	Paradoxical Relationship Between Body Mass Index and Thyroid Hormone Levels: A Study Using Mendelian Randomization. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 730-738.	1.8	40
74	Association Between Age at Puberty and Bone Accrual From 10 to 25 Years of Age. JAMA Network Open, 2019, 2, e198918.	2.8	40
75	Individuals with high bone mass have an increased prevalence of radiographic knee osteoarthritis. Bone, 2015, 71, 171-179.	1.4	39
76	Prevalence of radiographic hip osteoarthritis is increased in high bone mass. Osteoarthritis and Cartilage, 2014, 22, 1120-1128.	0.6	38
77	Mutations in Known Monogenic High Bone Mass Loci Only Explain a Small Proportion of High Bone Mass Cases. Journal of Bone and Mineral Research, 2016, 31, 640-649.	3.1	38
78	Using SITAR (SuperImposition by Translation and Rotation) to estimate age at peak height velocity in Avon Longitudinal Study of Parents and Children. Wellcome Open Research, 2018, 3, 90.	0.9	38
79	ASSESSMENT OF BONE MINERAL DENSITY IN WOMEN WITH MARFAN SYNDROME. Rheumatology, 1995, 34, 516-519.	0.9	36
80	A meta-analysis of the associations between common variation in the PDE8B gene and thyroid hormone parameters, including assessment of longitudinal stability of associations over time and effect of thyroid hormone replacement. European Journal of Endocrinology, 2011, 164, 773-780.	1.9	36
81	Physical Activity and Bone: May the Force be with You. Frontiers in Endocrinology, 2014, 5, 20.	1.5	36
82	The role of painâ€related anxiety in adolescents' disability and social impairment: <scp>ALSPAC</scp> data. European Journal of Pain, 2015, 19, 842-851.	1.4	36
83	Using SITAR (SuperImposition by Translation and Rotation) to estimate age at peak height velocity in Avon Longitudinal Study of Parents and Children. Wellcome Open Research, 2018, 3, 90.	0.9	36
84	Tamoxifen Stimulates Cancellous Bone Formation in Long Bones of Female Mice. Endocrinology, 2005, 146, 1060-1065.	1.4	35
85	The social patterning of fat and lean mass in a contemporary cohort of children. Pediatric Obesity, 2006, 1, 59-61.	3.2	35
86	OPG and RANK Polymorphisms Are Both Associated with Cortical Bone Mineral Density: Findings from a Metaanalysis of the Avon Longitudinal Study of Parents and Children and Gothenburg Osteoporosis and Obesity Determinants Cohorts. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3940-3948.	1.8	35
87	The Association of Fasting Insulin, Glucose, and Lipids with Bone Mass in Adolescents: Findings from a Cross-Sectional Study. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2068-2076.	1.8	35
88	Strong, steady and straight: UK consensus statement on physical activity and exercise for osteoporosis. British Journal of Sports Medicine, 2022, 56, 837-846.	3.1	35
89	The effect of sex hormones on bone resorption by rat osteoclasts. European Journal of Endocrinology, 1991, 124, 121-127.	1.9	34
90	Is high-dose estrogen-induced osteogenesis in the mouse mediated by an estrogen receptor?. Bone, 2000, 27, 41-46.	1.4	34

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91	DXA-derived hip shape is related to osteoarthritis: findings from in the MrOS cohort. Osteoarthritis and Cartilage, 2017, 25, 2031-2038.	0.6	34
92	A Rare Mutation in SMAD9 Associated With High Bone Mass Identifies the SMADâ€Đependent BMP Signaling Pathway as a Potential Anabolic Target for Osteoporosis. Journal of Bone and Mineral Research, 2020, 35, 92-105.	3.1	34
93	Predicting ambient ultraviolet from routine meteorological data; its potential use as an instrumental variable for vitamin D status in pregnancy in a longitudinal birth cohort in the UK. International Journal of Epidemiology, 2009, 38, 1681-1688.	0.9	33
94	Supplementation with a lowâ€“moderate dose ofn-3 long-chain PUFA has no short-term effect on bone resorption in human adults. British Journal of Nutrition, 2011, 105, 1145-1149.	1.2	31
95	Genetic variants in adult bone mineral density and fracture risk genes are associated with the rate of bone mineral density acquisition in adolescence. Human Molecular Genetics, 2015, 24, 4158-4166.	1.4	31
96	A novel accelerometer-based method to describe day-to-day exposure to potentially osteogenic vertical impacts in older adults: findings from a multi-cohort study. Osteoporosis International, 2017, 28, 1001-1011.	1.3	31
97	Lean mass and lower limb muscle function in relation to hip strength, geometry and fracture risk indices in community-dwelling older women. Osteoporosis International, 2019, 30, 211-220.	1.3	31
98	The estrogen antagonist ICI 182,780 reduces cancellous bone volume in female rats. , 0, .		31
99	Parental smoking during pregnancy and offspring bone mass at age 10Âyears: findings from a prospective birth cohort. Osteoporosis International, 2011, 22, 1809-1819.	1.3	30
100	Quantifying Habitual Levels of Physical Activity According to Impact in Older People: Accelerometry Protocol for the VIBE Study. Journal of Aging and Physical Activity, 2016, 24, 290-295.	0.5	30
101	Hip and spine bone mineral density are greater in master sprinters, but not endurance runners compared with non-athletic controls. Archives of Osteoporosis, 2018, 13, 72.	1.0	30
102	Estrogen-induced osteogenesis in mice is associated with the appearance of Cbfa1-expressing bone marrow cells. Journal of Cellular Biochemistry, 2002, 84, 285-294.	1.2	29
103	Transcriptional Regulation of a BMP-6 Promoter by Estrogen Receptor Î±. Journal of Bone and Mineral Research, 2003, 19, 447-454.	3.1	29
104	A novel member of the SAF (scaffold attachment factor)-box protein family inhibits gene expression and induces apoptosis. Biochemical Journal, 2007, 407, 355-362.	1.7	29
105	Impaired growth plate function in bmp-6 null mice. Bone, 2008, 42, 216-225.	1.4	29
106	Analysis of Body Composition in Individuals With High Bone Mass Reveals a Marked Increase in Fat Mass in Women But Not Men. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 818-828.	1.8	29
107	Vertebral fracture assessment (VFA) by lateral DXA scanning may be cost-effective when used as part of fracture liaison services or primary care screening. Osteoporosis International, 2014, 25, 953-964.	1.3	29
108	Characterisation of the temporal sequence of osteoblast gene expression during estrogen-induced osteogenesis in female mice. Journal of Cellular Biochemistry, 2001, 82, 683-691.	1.2	27

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109	Osteoporosis epidemiology in UK Biobank: a unique opportunity for international researchers. Osteoporosis International, 2013, 24, 2903-2905.	1.3	27
110	High bone mass is associated with an increased prevalence of joint replacement: a caseâ€“control study. Rheumatology, 2013, 52, 1042-1051.	0.9	27
111	The Impact of Small Spinal Curves in Adolescents Who Have Not Presented to Secondary Care. Spine, 2016, 41, E611-E617.	1.0	27
112	An exploration of barriers and facilitators to older adultsâ€™ participation in higher impact physical activity and bone health: a qualitative study. Osteoporosis International, 2016, 27, 979-987.	1.3	27
113	5 alpha-Dihydrotestosterone partially restores cancellous bone volume in osteopenic ovariectomized rats. American Journal of Physiology - Endocrinology and Metabolism, 1994, 267, E853-E859.	1.8	26
114	Investigation of the Relationship Between Susceptibility Loci for Hip Osteoarthritis and Dual Xâ€Ray Absorptiometryâ€“Derived Hip Shape in a Populationâ€Based Cohort of PerimenopausalÂWomen. Arthritis and Rheumatology, 2018, 70, 1984-1993.	2.9	26
115	Gender differences in the ratio between humerus width and length are established prior to puberty. Osteoporosis International, 2007, 18, 463-470.	1.3	25
116	Childhood Fractures Do Not Predict Future Fractures: Results From the European Prospective Osteoporosis Study. Journal of Bone and Mineral Research, 2009, 24, 1314-1318.	3.1	25
117	Prenatal concentrations of perfluoroalkyl substances and bone health in British girls at age 17. Archives of Osteoporosis, 2018, 13, 84.	1.0	25
118	Insights into the programming of bone development from the Avon Longitudinal Study of Parents and Children (ALSPAC). American Journal of Clinical Nutrition, 2011, 94, S1861-S1864.	2.2	24
119	Does Bone Resorption Stimulate Periosteal Expansion? A Cross-Sectional Analysis of Î²-C-telopeptides of Type I Collagen (CTX), Genetic Markers of the RANKL Pathway, and Periosteal Circumference as Measured by pQCT. Journal of Bone and Mineral Research, 2014, 29, 1015-1024.	3.1	24
120	Mendelian Randomization Analysis Reveals a Causal Influence of Circulating Sclerostin Levels on Bone Mineral Density and Fractures. Journal of Bone and Mineral Research, 2019, 34, 1824-1836.	3.1	24
121	Estrogen-induced osteogenesis in intact female mice lacking ERÎ². American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E817-E823.	1.8	23
122	Relation of maternal prepregnancy body mass index with offspring bone mass in childhood: is there evidence for an intrauterine effect?. American Journal of Clinical Nutrition, 2010, 92, 872-880.	2.2	23
123	Motor Competence in Early Childhood Is Positively Associated With Bone Strength in Late Adolescence. Journal of Bone and Mineral Research, 2016, 31, 1089-1098.	3.1	23
124	Use of Mendelian Randomization to Examine Causal Inference in Osteoporosis. Frontiers in Endocrinology, 2019, 10, 807.	1.5	23
125	PTHR1 Polymorphisms Influence BMD Variation through Effects on the Growing Skeleton. Calcified Tissue International, 2007, 81, 270-278.	1.5	22
126	A Cross-Sectional Study of the Relationship between Cortical Bone and High-Impact Activity in Young Adult Males and Females. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3734-3743.	1.8	22

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127	High impact activity is related to lean but not fat mass: findings from a population-based study in adolescents. International Journal of Epidemiology, 2012, 41, 1124-1131.	0.9	22
128	The high bone mass phenotype is characterised by a combined cortical and trabecular bone phenotype: Findings from a pQCT caseâ€“control study. Bone, 2013, 52, 380-388.	1.4	22
129	Postural Stability During Standing Balance and Sit-to-Stand in Master Athlete Runners Compared With Nonathletic Old and Young Adults. Journal of Aging and Physical Activity, 2017, 25, 345-350.	0.5	22
130	Effect of Alendronic Acid on Fracture Healing: A Multicenter Randomized Placebo-Controlled Trial. Journal of Bone and Mineral Research, 2019, 34, 1025-1032.	3.1	22
131	Role of the Microbiome in Regulating Bone Metabolism and Susceptibility to Osteoporosis. Calcified Tissue International, 2022, 110, 273-284.	1.5	22
132	Rapid hip bone loss in active Crohn's disease patients receiving short-term corticosteroid therapy. Alimentary Pharmacology and Therapeutics, 2004, 20, 951-957.	1.9	21
133	Association between physical activity and scoliosis: a prospective cohort study. International Journal of Epidemiology, 2019, 48, 1152-1160.	0.9	21
134	Physical Activity Throughout Adolescence and Peak Hip Strength in Young Adults. JAMA Network Open, 2020, 3, e2013463.	2.8	21
135	High-dose estrogen-induced osteogenesis in the mouse is partially suppressed by indomethacin. Bone, 1999, 25, 675-680.	1.4	20
136	Increased Bone Morphogenetic Protein-6 Expression in Mouse Long Bones After Estrogen Administration. Journal of Bone and Mineral Research, 2002, 17, 782-790.	3.1	20
137	Effect of an Estrogen Receptor-Î± Intron 4 Polymorphism on Fat Mass in 11-Year-Old Children. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2286-2291.	1.8	20
138	Investigation of Sex Differences in Hip Structure in Peripubertal Children. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3876-3883.	1.8	20
139	Using multivariable Mendelian randomization to estimate the causal effect of bone mineral density on osteoarthritis risk, independently of body mass index. International Journal of Epidemiology, 2022, 51, 1254-1267.	0.9	20
140	At the crossroads of skeletal responses to estrogen and exercise. Trends in Endocrinology and Metabolism, 2003, 14, 441-443.	3.1	19
141	Estrogen Receptor Î± Regulates Area-Adjusted Bone Mineral Content in Late Pubertal Girls. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 641-647.	1.8	19
142	25-Hydroxyvitamin-D3 levels are positively related to subsequent cortical bone development in childhood: findings from a large prospective cohort study. Osteoporosis International, 2012, 23, 2117-2128.	1.3	19
143	Distinct Relationships of Intramuscular and Subcutaneous Fat With Cortical Bone: Findings From a Cross-Sectional Study of Young Adult Males and Females. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1041-E1049.	1.8	19
144	RSPO3 is important for trabecular bone and fracture risk in mice and humans. Nature Communications, 2021, 12, 4923.	5.8	19

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145	3-Amino-1-hydroxypropylidine-1-bisphosphonate (AHPrBP) suppresses not only the induction of new, but also the persistence of existing bone-forming surfaces in rat cancellous bone. Bone, 1993, 14, 619-623.	1.4	18
146	Do subjective memory complaints predict falls, fractures and healthcare utilization? A twoâ€year prospective study based on a cohort of older women recruited from primary care. International Journal of Geriatric Psychiatry, 2017, 32, 968-976.	1.3	18
147	Children with low muscle strength are at an increased risk of fracture with exposure to exercise. Journal of Musculoskeletal Neuronal Interactions, 2011, 11, 196-202.	0.1	18
148	A novel semi-automated classifier of hip osteoarthritis on DXA images shows expected relationships with clinical outcomes in UK Biobank. Rheumatology, 2022, 61, 3586-3595.	0.9	18
149	Lateral back pain identifies prevalent vertebral fractures in post-menopausal women: cross-sectional analysis of a primary care-based cohort. Rheumatology, 2010, 49, 505-512.	0.9	17
150	Determinants of fracture risk in a UK-population-based cohort of older women: a cross-sectional analysis of the Cohort for Skeletal Health in Bristol and Avon (COSHIBA). Age and Ageing, 2012, 41, 46-52.	0.7	17
151	Identifying Scoliosis in Population-Based Cohorts: Development and Validation of a Novel Method Based on Total-Body Dual-Energy X-Ray Absorptiometric Scans. Calcified Tissue International, 2013, 92, 539-547.	1.5	17
152	The development of worry throughout childhood: Avon Longitudinal Study of Parents and Children data. British Journal of Health Psychology, 2016, 21, 389-406.	1.9	17
153	Chronic Fatigue Syndrome and Chronic Widespread Pain in Adolescence: Population Birth Cohort Study. Journal of Pain, 2017, 18, 285-294.	0.7	17
154	Physical Activity Producing Low, but Not Medium or Higher, Vertical Impacts Is Inversely Related to BMI in Older Adults: Findings From a Multicohort Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 643-651.	1.7	17
155	Osteophyte size and location on hip DXA scans are associated with hip pain: Findings from a cross sectional study in UK Biobank. Bone, 2021, 153, 116146.	1.4	17
156	CORRIGENDA. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3219-3219.	1.8	16
157	Feasibility and acceptability of using jumping mechanography to detect early components of sarcopenia in community-dwelling older women. Journal of Musculoskeletal Neuronal Interactions, 2017, 17, 246-257.	0.1	16
158	Neridronate Preferentially Suppresses the Urinary Excretion of Peptide-Bound Deoxypyridinoline in Postmenopausal Women. Calcified Tissue International, 1996, 59, 407-409.	1.5	15
159	Can 11Î²-Hydroxysteroid Dehydrogenase Activity Predict the Sensitivity of Bone to Therapeutic Glucocorticoids in Inflammatory Bowel Disease?. Calcified Tissue International, 2011, 89, 246-251.	1.5	15
160	Placental Size Is Associated Differentially With Postnatal Bone Size and Density. Journal of Bone and Mineral Research, 2016, 31, 1855-1864.	3.1	15
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