

# Gregory Livshits

## List of Publications by Year in descending order

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227  
papers

6,402  
citations

87843

38  
h-index

102432

66  
g-index

235  
all docs

235  
docs citations

235  
times ranked

8445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarcopenic obesity or obese sarcopenia: A cross talk between age-associated adipose tissue and skeletal muscle inflammation as a main mechanism of the pathogenesis. <i>Ageing Research Reviews</i> , 2017, 35, 200-221.	5.0	483
2	Lumbar disc degeneration and genetic factors are the main risk factors for low back pain in women: the UK Twin Spine Study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1740-1745.	0.5	364
3	Interleukin-6 is a significant predictor of radiographic knee osteoarthritis: The Chingford study. <i>Arthritis and Rheumatism</i> , 2009, 60, 2037-2045.	6.7	319
4	Meta-Analysis of Genome-Wide Scans for Human Adult Stature Identifies Novel Loci and Associations with Measures of Skeletal Frame Size. <i>PLoS Genetics</i> , 2009, 5, e1000445.	1.5	237
5	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. <i>Nature Communications</i> , 2017, 8, 80.	5.8	147
6	Sarcopenia – The search for emerging biomarkers. <i>Ageing Research Reviews</i> , 2015, 22, 58-71.	5.0	144
7	Fluctuating asymmetry as a possible measure of developmental homeostasis in humans: a review. <i>Human Biology</i> , 1991, 63, 441-66.	0.4	137
8	Osteocyte control of bone remodeling: is sclerostin a key molecular coordinator of the balanced bone resorption-formation cycles?. <i>Osteoporosis International</i> , 2014, 25, 2685-2700.	1.3	133
9	Inflammaging as a common ground for the development and maintenance of sarcopenia, obesity, cardiomyopathy and dysbiosis. <i>Ageing Research Reviews</i> , 2019, 56, 100980.	5.0	107
10	Decreased developmental stability as assessed by fluctuating asymmetry of morphometric traits in preterm infants. <i>American Journal of Medical Genetics Part A</i> , 1988, 29, 793-805.	2.4	94
11	Evidence that bone mineral density plays a role in degenerative disc disease: the UK Twin Spine Study. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2102-2106.	0.5	79
12	Complex Segregation Analysis of the Radiographic Phalanges Bone Mineral Density and Their Age-Related Changes. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 152-161.	3.1	74
13	Major gene control of human body height, weight and BMI in five ethnically different populations. <i>Annals of Human Genetics</i> , 1998, 62, 307-322.	0.3	71
14	Study of genetic variance in the fluctuating asymmetry of anthropometrical traits. <i>Annals of Human Biology</i> , 1989, 16, 121-129.	0.4	66
15	Postmenopausal osteoporosis in rheumatoid arthritis: The estrogen deficiency-immune mechanisms link. <i>Bone</i> , 2017, 103, 102-115.	1.4	65
16	Genetic Relationships of Europeans, Asians and Africans and the Origin of Modern & Homo sapiens. <i>Human Heredity</i> , 1989, 39, 276-281.	0.4	64
17	Genetic affinities of Jewish populations. <i>American Journal of Human Genetics</i> , 1991, 49, 131-46.	2.6	62
18	Genetic analysis of growth curve parameters of body weight, height and head circumference. <i>Annals of Human Biology</i> , 2000, 27, 299-312.	0.4	59

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19	GENETIC AND ENVIRONMENTAL INFLUENCES ON IL-6 AND TNF- $\alpha$ PLASMA LEVELS IN APPARENTLY HEALTHY GENERAL POPULATION. <i>Cytokine</i> , 2002, 19, 138-146.	1.4	59
20	A genome-wide association study suggests that a locus within the ataxin 2 binding protein 1 gene is associated with hand osteoarthritis: the Treat-OA consortium. <i>Journal of Medical Genetics</i> , 2009, 46, 614-616.	1.5	58
21	An omics investigation into chronic widespread musculoskeletal pain reveals epiandrosterone sulfate as a potential biomarker. <i>Pain</i> , 2015, 156, 1845-1851.	2.0	54
22	Lerner's concept of developmental homeostasis and the problem of heterozygosity level in natural populations. <i>Heredity</i> , 1985, 55, 341-353.	1.2	53
23	Bone mineralization and regulation of phosphate homeostasis. <i>IBMS BoneKEy</i> , 2011, 8, 286-300.	0.1	53
24	Dermatoglyphic traits as possible markers of developmental processes in humans. <i>American Journal of Medical Genetics Part A</i> , 1987, 26, 111-122.	2.4	50
25	Endplate Defect Is Heritable, Associated With Low Back Pain and Triggers Intervertebral Disc Degeneration. <i>Spine</i> , 2018, 43, 1496-1501.	1.0	50
26	Circulating levels of receptor activator of nuclear factor-kappaB ligand/osteoprotegerin/macrophage-colony stimulating factor in a presumably healthy human population. <i>European Journal of Endocrinology</i> , 2004, 150, 305-311.	1.9	48
27	HLA Genes in the Chuvashian Population from European Russia: Admixture of Central European and Mediterranean Populations. <i>Human Biology</i> , 2003, 75, 375-392.	0.4	47
28	Multivariate analysis of the twenty-year follow-up of the Donolo-Tel Aviv Prospective Coronary artery disease study and the usefulness of high density lipoprotein cholesterol percentage. <i>American Journal of Cardiology</i> , 1989, 63, 676-681.	0.7	46
29	Genetics of human body size and shape: body proportions and indices. <i>Annals of Human Biology</i> , 2002, 29, 271-289.	0.4	46
30	Evidence for a major gene for bone mineral density/content in human pedigrees identified via probands with extreme bone mineral density. <i>Annals of Human Genetics</i> , 2002, 66, 61-74.	0.3	46
31	Genetics of Bone Mineral Density: Evidence for a Major Pleiotropic Effect From an Intercontinental Study. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 914-923.	3.1	46
32	A cross talk between dysbiosis and gut-associated immune system governs the development of inflammatory arthropathies. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 474-484.	1.6	46
33	Relationships between intrapopulational and interpopulational genetic diversity in man. <i>Annals of Human Biology</i> , 1990, 17, 501-513.	0.4	45
34	Association of ENPP1 gene polymorphisms with hand osteoarthritis in a Chuvasha population. <i>Arthritis Research and Therapy</i> , 2005, 7, R1082.	1.6	45
35	Patterns of joint distribution in hand osteoarthritis: Contribution of age, sex, and handedness. <i>American Journal of Human Biology</i> , 2004, 16, 125-134.	0.8	44
36	Hierarchical, imbalanced pro-inflammatory cytokine networks govern the pathogenesis of chronic arthropathies. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 7-17.	0.6	43

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37	Shared genetic influence on frailty and chronic widespread pain: a study from TwinsUK. Age and Ageing, 2018, 47, 119-125.	0.7	43
38	Contribution of Heritability and Epigenetic Factors to Skeletal Muscle Mass Variation in United Kingdom Twins. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2450-2459.	1.8	42
39	Modelling of age-related bone loss using cross-sectional data. Annals of Human Biology, 2002, 29, 256-270.	0.4	41
40	Neuropathic pain as part of chronic widespread pain. Pain, 2015, 156, 2100-2106.	2.0	41
41	Segregation analysis reveals a major gene effect in compact and cancellous bone mineral density in 2 populations. Human Biology, 1999, 71, 155-72.	0.4	39
42	Multi-OMICS analyses of frailty and chronic widespread musculoskeletal pain suggest involvement of shared neurological pathways. Pain, 2018, 159, 2565-2572.	2.0	38
43	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	2.2	38
44	The cannabinoid receptor type 2 (CNR2) gene is associated with hand bone strength phenotypes in an ethnically homogeneous family sample. Human Genetics, 2009, 126, 629-636.	1.8	36
45	Familial history, age and smoking are important risk factors for disc degeneration disease in Arabic pedigrees. European Journal of Epidemiology, 2001, 17, 643-651.	2.5	35
46	Fluctuating asymmetry and morphometric variation of hand bones. , 1998, 107, 125-136.		34
47	Genomewide linkage scan of hand osteoarthritis in female twin pairs showing replication of quantitative trait loci on chromosomes 2 and 19. Annals of the Rheumatic Diseases, 2007, 66, 623-627.	0.5	33
48	Linkage of Genes to Total Lean Body Mass in Normal Women. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3171-3176.	1.8	33
49	Low Back and Common Widespread Pain Share Common Genetic Determinants. Annals of Human Genetics, 2014, 78, 357-366.	0.3	33
50	Interrelationship between bone aging traits and basic anthropometric characteristics. American Journal of Human Biology, 2002, 14, 380-390.	0.8	32
51	Bone mineralization is regulated by signaling cross talk between molecular factors of local and systemic origin: The role of fibroblast growth factor 23. BioFactors, 2014, 40, 555-568.	2.6	32
52	Genomics and metabolomics of muscular mass in a community-based sample of UK females. European Journal of Human Genetics, 2016, 24, 277-283.	1.4	32
53	Quantitative genetic analysis of circulating levels of biochemical markers of bone formation. American Journal of Medical Genetics Part A, 2000, 94, 324-331.	2.4	31
54	Evidence of major gene control of cortical bone loss in humans. Genetic Epidemiology, 2000, 19, 410-421.	0.6	31

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55	Heritability of circulating growth factors involved in the angiogenesis in healthy human population. <i>Cytokine</i> , 2004, 27, 152-158.	1.4	31
56	Variables affecting dental fluctuating asymmetry in human isolates. <i>American Journal of Physical Anthropology</i> , 1993, 91, 349-365.	2.1	30
57	Reliability of reliability coefficients in the estimation of asymmetry. <i>American Journal of Physical Anthropology</i> , 1995, 96, 83-87.	2.1	30
58	Statistical genetic analysis of plasma levels of vitamin D: familial study. <i>Annals of Human Genetics</i> , 1999, 63, 429-439.	0.3	30
59	Genetics of human body size and shape: pleiotropic and independent genetic determinants of adiposity. <i>Annals of Human Biology</i> , 1998, 25, 221-236.	0.4	29
60	Familial Factors of Blood Pressure and Adiposity Covariation. <i>Hypertension</i> , 2001, 37, 928-935.	1.3	29
61	Multivariate fluctuating asymmetry in Israeli adults. <i>Human Biology</i> , 1993, 65, 547-78.	0.4	29
62	Mode of Inheritance of Hand Osteoarthritis in Ethnically Homogeneous Pedigrees. <i>Human Biology</i> , 2002, 74, 849-860.	0.4	28
63	Association of leptin levels with obesity and blood pressure: possible common genetic variation. <i>International Journal of Obesity</i> , 2005, 29, 85-92.	1.6	28
64	Association between cartilage and bone biomarkers and incidence of radiographic knee osteoarthritis (RKO) in UK females: a prospective study. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 923-929.	0.6	28
65	Growth and development of bodyweight, height and head circumference during the first two years of life: quantitative genetic aspects. <i>Annals of Human Biology</i> , 1986, 13, 387-396.	0.4	27
66	Genetic Determination of Bone Mineral Density: Evidence for a Major Gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3614-3620.	1.8	27
67	Genome-wide methylation analysis of a large population sample shows neurological pathways involvement in chronic widespread musculoskeletal pain. <i>Pain</i> , 2017, 158, 1053-1062.	2.0	27
68	Anthropometric multivariate structure and dermatoglyphic peculiarities in biochemically and morphologically different heterozygous groups. <i>American Journal of Physical Anthropology</i> , 1986, 70, 251-263.	2.1	26
69	Segregation analysis of quantitative traits. <i>Annals of Human Biology</i> , 1999, 26, 103-129.	0.4	26
70	The Association between Chronic Widespread Musculoskeletal Pain, Depression and Fatigue Is Genetically Mediated. <i>PLoS ONE</i> , 2015, 10, e0140289.	1.1	26
71	Genetic similarity and diversity of parthenogenetic and bisexual populations of the freshwater snail <i>Melanoides tuberculata</i> (Gastropoda: Prosobranchia). <i>Biological Journal of the Linnean Society</i> , 1984, 23, 41-54.	0.7	25
72	Age-dependent changes in morphometric and biochemical traits. <i>Annals of Human Biology</i> , 1989, 16, 237-247.	0.4	25

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73	Soluble tumour necrosis factor receptors (sTNF-R) and HIV infection: correlation to CD8+lymphocytes. <i>Clinical and Experimental Immunology</i> , 1993, 93, 350-355.	1.1	25
74	Quantitative genetic study of head size related phenotypes in ethnically homogeneous Chuvasha pedigrees. <i>Annals of Human Biology</i> , 2005, 32, 585-598.	0.4	25
75	Association of ANKH gene polymorphisms with radiographic hand bone size and geometry in a Chuvasha population. <i>Bone</i> , 2005, 36, 365-373.	1.4	25
76	Association of FTO gene variants with body composition in UK twins. <i>Annals of Human Genetics</i> , 2012, 76, 333-341.	0.3	25
77	Biochemical heterozygosity as a predictor of developmental homeostasis in man. <i>Annals of Human Genetics</i> , 1984, 48, 173-184.	0.3	24
78	Is interaction between age-dependent decline in mechanical stimulation and osteocyte estrogen receptor levels the culprit for postmenopausal-impaired bone formation?. <i>Osteoporosis International</i> , 2013, 24, 1771-1789.	1.3	24
79	Quantitative genetic study of radiographic hand bone size and geometry. <i>Bone</i> , 2003, 32, 191-198.	1.4	23
80	Significant association between body composition phenotypes and the osteocalcin genomic region in normative human population. <i>Bone</i> , 2012, 51, 688-694.	1.4	23
81	Genetic epidemiology of skeletal system aging in apparently healthy human population. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 269-279.	2.2	22
82	Strong association between polymorphisms in ANKH locus and skeletal size traits. <i>Human Genetics</i> , 2006, 120, 42-51.	1.8	22
83	Indices of body composition and chronic morbidity: A cross-sectional study of a rural population in central Russia. <i>American Journal of Human Biology</i> , 2006, 18, 350-358.	0.8	22
84	Population biology of human aging: methods of assessment and sex variation. <i>Human Biology</i> , 1995, 67, 87-109.	0.4	22
85	Association between somatotypes and blood pressure in an adult Chuvasha population. <i>Annals of Human Biology</i> , 2004, 31, 466-476.	0.4	21
86	Hip geometry variation is associated with bone mineralization pathway gene variants: The framingham study. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1564-1571.	3.1	21
87	Metabolomic markers of fatigue: Association between circulating metabolome and fatigue in women with chronic widespread pain. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 601-606.	1.8	21
88	Self-reported hearing loss questions provide a good measure for genetic studies: a polygenic risk score analysis from UK Biobank. <i>European Journal of Human Genetics</i> , 2020, 28, 1056-1065.	1.4	21
89	Genes play an important role in bone aging. , 1998, 10, 421-438.		20
90	Repeated measurement study of hand osteoarthritis in an apparently healthy Caucasian population. <i>American Journal of Human Biology</i> , 2005, 17, 611-621.	0.8	20

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91	Morphological and biochemical features of obesity are associated with mineralization genes' polymorphisms. <i>International Journal of Obesity</i> , 2010, 34, 1308-1318.	1.6	20
92	Association of ALPL and ENPP1 gene polymorphisms with bone strength related skeletal traits in a Chuvashian population. <i>Bone</i> , 2010, 46, 1244-1250.	1.4	20
93	Association of interleukin-6 gene polymorphisms with hand osteoarthritis and hand osteoporosis. <i>Cytokine</i> , 2014, 69, 94-101.	1.4	20
94	Relationship between levels of biochemical heterozygosity and morphological variability in human populations. <i>Annals of Human Genetics</i> , 1983, 47, 215-223.	0.3	19
95	Genetics of human body size and shape: complex segregation analysis. <i>Annals of Human Biology</i> , 1995, 22, 13-27.	0.4	19
96	Genetic analysis of motor milestones attainment in early childhood. <i>Twin Research and Human Genetics</i> , 1999, 2, 1-9.	1.3	19
97	Genetic variation of circulating leptin is involved in genetic variation of hand bone size and geometry. <i>Osteoporosis International</i> , 2003, 14, 476-483.	1.3	19
98	Search for linkage between hand osteoarthritis and 11q 12-13 chromosomal segment. <i>Osteoarthritis and Cartilage</i> , 2003, 11, 561-568.	0.6	19
99	Variation in femoral length is associated with polymorphisms in RUNX2 gene. <i>Bone</i> , 2006, 38, 199-205.	1.4	19
100	Genetic and environmental determinants of hepatocyte growth factor levels and their association with obesity and blood pressure. <i>Annals of Human Biology</i> , 2008, 35, 93-103.	0.4	19
101	Are Epigenetic Factors Implicated in Chronic Widespread Pain?. <i>PLoS ONE</i> , 2016, 11, e0165548.	1.1	19
102	Segregation analysis reveals a major gene effect controlling systolic blood pressure and BMI in an Israeli population. <i>Human Biology</i> , 1998, 70, 59-75.	0.4	19
103	Genetic effects of estrogen receptor $\beta$ and collagen IA1 genes on the relationships of parathyroid hormone and 25 hydroxyvitamin D with bone mineral density in Caucasian women. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1129-1135.	1.5	18
104	The association between morbidity and radiographic hand osteoarthritis: a population-based study. <i>Joint Bone Spine</i> , 2006, 73, 406-410.	0.8	18
105	Genetic and environmental determinants of circulating resistin level in a community-based sample. <i>European Journal of Endocrinology</i> , 2007, 156, 129-135.	1.9	18
106	Bone Mineral Density is Associated with Estrogen Receptor Gene Polymorphism in Men. <i>Anthropologischer Anzeiger</i> , 2002, 59, 343-353.	0.2	18
107	Assessment of age-related changes in heritability and IGF-1 gene effect on circulating IGF-1 levels. <i>Age</i> , 2014, 36, 9622.	3.0	17
108	Autoimmunity, inflammation, and dysbiosis mutually govern the transition from the preclinical to the clinical stage of rheumatoid arthritis. <i>Immunologic Research</i> , 2018, 66, 696-709.	1.3	17

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109	Relationship between fluctuating asymmetry, morphological modality and heterozygosity in an elderly Israeli population. <i>Genetica</i> , 1993, 89, 155-166.	0.5	16
110	Transmission Disequilibrium Test for Hand Bone Mineral Density and 11q12-13 Chromosomal Segment. <i>Osteoporosis International</i> , 2002, 13, 461-467.	1.3	16
111	Age at menarche in a Chuvashian rural population. <i>Annals of Human Biology</i> , 2006, 33, 390-397.	0.4	16
112	Family-Based Association Study of Polymorphisms in the <i>RUNX2</i> Locus with Hand Bone Length and Hand BMD. <i>Annals of Human Genetics</i> , 2008, 72, 510-518.	0.3	16
113	Changes in the Heritability Components of Anthropometric Characters Due to Preselection and Environment during Migration. <i>Human Heredity</i> , 1984, 34, 348-357.	0.4	15
114	Tel Aviv-Heidelberg three-generation offspring study: Genetic determinants of plasma fibrinogen level. , 1996, 63, 509-517.		15
115	Aging bone score and climatic factors. , 1998, 106, 349-359.		15
116	Bone ageing: genetics versus environment. <i>Annals of Human Biology</i> , 2000, 27, 433-451.	0.4	15
117	Genetic and environmental determinants of circulating levels of angiogenin in community-based sample. <i>Clinical Endocrinology</i> , 2006, 64, 271-279.	1.2	15
118	Age-related changes and secular trends in hand bone size. <i>HOMO- Journal of Comparative Human Biology</i> , 2008, 59, 301-315.	0.3	15
119	Longitudinal study of variation in body mass index in middle-aged UK females. <i>Age</i> , 2012, 34, 1285-1294.	3.0	15
120	Elevated plasma fractalkine levels are associated with higher levels of IL-6, Apo-B, LDL-C and insulin, but not with body composition in a large female twin sample. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1081-1087.	1.5	15
121	Age and genetic determinants of variation of circulating levels of the receptor for advanced glycation end products (RAGE) in the general human population. <i>Mechanisms of Ageing and Development</i> , 2015, 145, 18-25.	2.2	15
122	Comparative analysis of morphological traits in biochemically homozygous and heterozygous individuals from a single population. <i>Journal of Human Evolution</i> , 1984, 13, 161-171.	1.3	14
123	Comparative analysis of age prediction by markers of bone change in the hand assessed by roentgenography. , 1999, 11, 31-43.		14
124	Age-related changes of bone strength phenotypes: observational follow-up study of hand bone mineral density. <i>Archives of Osteoporosis</i> , 2007, 1, 59-68.	1.0	14
125	Rheumatoid arthritis onset in postmenopausal women: Does the ACPA seropositive subset result from genetic effects, estrogen deficiency, skewed profile of CD4+ T-cells, and their interactions?. <i>Molecular and Cellular Endocrinology</i> , 2016, 431, 145-163.	1.6	14
126	Genetic composition of Jewish populations: diversity and inbreeding. <i>Annals of Human Biology</i> , 1983, 10, 453-463.	0.4	13

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127	Sibling similarity in development of covariation among physical traits in early childhood. <i>American Journal of Physical Anthropology</i> , 1987, 72, 77-87.	2.1	13
128	Geographic variation of six dermatoglyphic traits in Eurasia. <i>American Journal of Physical Anthropology</i> , 1993, 90, 393-407.	2.1	13
129	Genetic Variation and Covariation of Parathyroid Hormone Levels and Bone Density in the Human Population. <i>Calcified Tissue International</i> , 2000, 66, 168-175.	1.5	13
130	Genetic influences on the circulating cytokines involved in osteoclastogenesis. <i>Journal of Medical Genetics</i> , 2004, 41, e76-e76.	1.5	13
131	Contribution of the familial and genetic factors on monocyte chemoattractant protein-1 variation in healthy human pedigrees. <i>Cytokine</i> , 2005, 32, 117-123.	1.4	13
132	Search for Hand Osteoarthritis Susceptibility Locus on Chromosome 6p12.3-p12.1. <i>Human Biology</i> , 2007, 79, 1-14.	0.4	13
133	Relationship between obesity, adipocytokines, and blood pressure: Possible common genetic and environmental factors. <i>American Journal of Human Biology</i> , 2009, 21, 84-90.	0.8	13
134	Quantitative genetic study of amphiregulin and fractalkine circulating levels – potential markers of arthropathies. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 737-742.	0.6	13
135	Circulating Levels of Visceral Adipose Tissue-Derived Serine Protease Inhibitor (Vaspin) Appear as a Marker of Musculoskeletal Pain Disability. <i>Diagnostics</i> , 2020, 10, 797.	1.3	13
136	Genetic analysis of motor milestones attainment in early childhood. <i>Twin Research and Human Genetics</i> , 1999, 2, 1-9.	1.3	13
137	Lumbar disc disease shows linkage to chromosome 19 overlapping with a QTL for hand OA. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 117-119.	0.5	12
138	Family-based study of association between ENPP1 genetic variants and craniofacial morphology. <i>Annals of Human Biology</i> , 2010, 37, 754-766.	0.4	12
139	Biased and allosteric modulation of bone cell-expressing G protein-coupled receptors as a novel approach to osteoporosis therapy. <i>Pharmacological Research</i> , 2021, 171, 105794.	3.1	12
140	Obesity and the risk of toxemia of pregnancy. <i>Annals of Human Biology</i> , 1996, 23, 353-362.	0.4	11
141	Association and Linkage Disequilibrium Analyses Suggest Genetic Effects of Estrogen Receptor $\beta$ and Collagen IA1 Genes on Bone Mineral Density in Caucasian Women. <i>Calcified Tissue International</i> , 2003, 72, 643-650.	1.5	11
142	Genetic regulation of the variation of circulating insulin-like growth factors and leptin in human pedigrees. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 975-981.	1.5	11
143	Growth and differentiation factor 15 is a biomarker for low back pain-associated disability. <i>Cytokine</i> , 2019, 117, 8-14.	1.4	11
144	Outlines of the Biochemistry of Osteoarthritis. <i>Current Rheumatology Reviews</i> , 2010, 6, 234-250.	0.4	11

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145	Family-based association study of ROR2 polymorphisms with an array of radiographic hand bone strength phenotypes. <i>Osteoporosis International</i> , 2007, 18, 1683-1692.	1.3	10
146	Environmental Rather than Genetic Factors Determine the Variation in the Age of the Infancy to Childhood Transition: A Twins Study. <i>Journal of Pediatrics</i> , 2015, 166, 731-735.	0.9	10
147	The analysis of causal relationships between blood lipid levels and BMD. <i>PLoS ONE</i> , 2019, 14, e0212464.	1.1	10
148	Population biology of human aging: ethnic and climatic variation of bone age scores. <i>Human Biology</i> , 1996, 68, 293-314.	0.4	10
149	Some biological and social factors of risk associated with the birth of pre-term infants. <i>Genetic Epidemiology</i> , 1988, 5, 137-149.	0.6	9
150	Tel Aviv-Heidelberg three-generation offspring study: Genetic determinants of apolipoprotein A1 and apolipoprotein B. <i>American Journal of Medical Genetics Part A</i> , 1995, 57, 410-416.	2.4	9
151	Geographic variation in vascular mortality in Eurasia: spatial autocorrelation analysis of mortality variables and risk factors. <i>Annals of Human Biology</i> , 1996, 23, 471-490.	0.4	9
152	Pedigree-based quantitative genetic analysis of interindividual variation in circulating levels of IGFBP-3. <i>Journal of Bone and Mineral Metabolism</i> , 2002, 20, 156-163.	1.3	9
153	Characteristics of joint degeneration in hand osteoarthritis. <i>Joint Bone Spine</i> , 2006, 73, 72-76.	0.8	9
154	Contribution of the putative genetic factors and ANKH gene polymorphisms to variation of circulating calciotropic molecules, PTH and BGP. <i>Human Molecular Genetics</i> , 2007, 16, 1233-1240.	1.4	9
155	Osteoprotegerin Plasma Levels are Strongly Associated with Polymorphisms in Human Homologue of the Mouse Progressive Ankylosis (ANKH) Gene. <i>Annals of Human Genetics</i> , 2007, 71, 302-307.	0.3	9
156	Lower limbs composition and radiographic knee osteoarthritis (RKOA) in Chingford sample—a longitudinal study. <i>Archives of Gerontology and Geriatrics</i> , 2013, 56, 148-154.	1.4	9
157	Quantitative genetic analysis of the body composition and blood pressure association in two ethnically diverse populations. <i>American Journal of Physical Anthropology</i> , 2017, 162, 701-714.	2.1	9
158	Population biology of human aging: segregation analysis of bone age characteristics. <i>Human Biology</i> , 1996, 68, 540-54.	0.4	9
159	Quantitative genetics of circulating molecules associated with bone metabolism: a review. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2006, 6, 47-61.	0.1	9
160	The relative contribution of birth weight and gestational age to physical traits of newborn infants. <i>Early Human Development</i> , 1990, 22, 131-144.	0.8	8
161	Relationship between physical growth and motor development in infancy and early childhood: Multivariate analysis. <i>American Journal of Human Biology</i> , 1993, 5, 481-489.	0.8	8
162	Tel-Aviv-Heidelberg Three Generation Offspring Study: Genetic and environmental sources of variation and covariation among plasma lipids, lipoproteins, and apolipoproteins. , 1997, 9, 357-370.		8

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184	Epiphyseal expansion in hand bones: association with age, sex, and hand osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 560-565.	0.6	5
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