Claes Ohlsson

List of Publications by Year
in descending order

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		1697	1280
707	64,529	104	225
papers	citations	h-index	g-index

750	750	750	59152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Treatment of Deep Cartilage Defects in the Knee with Autologous Chondrocyte Transplantation. New England Journal of Medicine, 1994, 331, 889-895.	13.9	5,173
2	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
3	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	9.4	2,634
4	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
5	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	13.7	1,789
6	Common genetic determinants of vitamin D insufficiency: a genome-wide association study. Lancet, The, 2010, 376, 180-188.	6.3	1,385
7	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
8	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. Nature Genetics, 2012, 44, 491-501.	9.4	1,100
9	Interleukin-6-deficient mice develop mature-onset obesity. Nature Medicine, 2002, 8, 75-79.	15.2	1,073
10	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	9.4	836
11	Liver-derived insulin-like growth factor I (IGF-I) is the principal source of IGF-I in blood but is not required for postnatal body growth in mice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7088-7092.	3.3	826
12	Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. PLoS Medicine, 2013, 10, e1001383.	3.9	753
13	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. Lancet, The, 2012, 379, 1205-1213.	6.3	668
14	Growth Hormone and Bone*. Endocrine Reviews, 1998, 19, 55-79.	8.9	651
15	Androgens and Bone. Endocrine Reviews, 2004, 25, 389-425.	8.9	611
16	The gut microbiota regulates bone mass in mice. Journal of Bone and Mineral Research, 2012, 27, 1357-1367.	3.1	585
17	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	9.4	578
18	An atlas of genetic influences on osteoporosis in humans and mice. Nature Genetics, 2019, 51, 258-266.	9.4	557

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19	A Meta-Analysis of Trabecular Bone Score in Fracture Risk Prediction and Its Relationship to FRAX. Journal of Bone and Mineral Research, 2016, 31, 940-948.	3.1	508
20	Wholeâ€genome sequencing identifies EN1 as a determinant of bone density and fracture. Nature, 2015, 526, 112-117.	13.7	483
21	Transgenic Mice Expressing Fibroblast Growth Factor 23 under the Control of the Î±1(I) Collagen Promoter Exhibit Growth Retardation, Osteomalacia, and Disturbed Phosphate Homeostasis. Endocrinology, 2004, 145, 3087-3094.	1.4	472
22	Physical Activity Attenuates the Influence of FTO Variants on Obesity Risk: A Meta-Analysis of 218,166 Adults and 19,268 Children. PLoS Medicine, 2011, 8, e1001116.	3.9	446
23	Estrogen Receptor (ER)-Î² Reduces ERÎ±-Regulated Gene Transcription, Supporting a â€œYing Yangâ€• Relationship between ERÎ± and ERÎ² in Mice. Molecular Endocrinology, 2003, 17, 203-208.	3.7	433
24	Mice devoid of all known thyroid hormone receptors are viable but exhibit disorders of the pituitary-thyroid axis, growth, and bone maturation. Genes and Development, 1999, 13, 1329-1341.	2.7	398
25	Rabbit Articular Cartilage Defects Treated With Autologous Cultured Chondrocytes. Clinical Orthopaedics and Related Research, 1996, 326, 270-283.	0.7	395
26	FTO genotype is associated with phenotypic variability of body mass index. Nature, 2012, 490, 267-272.	13.7	383
27	Increased cortical bone mineral content but unchanged trabecular bone mineral density in female ERÎ²â€“/â€“ mice. Journal of Clinical Investigation, 1999, 104, 895-901.	3.9	382
28	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	1.5	371
29	The Role of Liver-Derived Insulin-Like Growth Factor-I. Endocrine Reviews, 2009, 30, 494-535.	8.9	361
30	Estrogen receptor specificity in the regulation of skeletal growth and maturation in male mice. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 5474-5479.	3.3	353
31	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	13.7	353
32	Deletion of the G Protein-Coupled Receptor 30 Impairs Glucose Tolerance, Reduces Bone Growth, Increases Blood Pressure, and Eliminates Estradiol-Stimulated Insulin Release in Female Mice. Endocrinology, 2009, 150, 687-698.	1.4	343
33	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
34	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	2.6	326
35	Plasma Osteocalcin Is Inversely Related to Fat Mass and Plasma Glucose in Elderly Swedish Men. Journal of Bone and Mineral Research, 2009, 24, 785-791.	3.1	323
36	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. Lancet Diabetes and Endocrinology,the, 2014, 2, 719-729.	5.5	319

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37	Osteoblast-derived WNT16 represses osteoclastogenesis and prevents cortical bone fragility fractures. Nature Medicine, 2014, 20, 1279-1288.	15.2	303
38	Obesity and Disturbed Lipoprotein Profile in Estrogen Receptor-Î±-Deficient Male Mice. Biochemical and Biophysical Research Communications, 2000, 278, 640-645.	1.0	299
39	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260.	5.8	295
40	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. Nature Genetics, 2011, 43, 753-760.	9.4	289
41	Free Testosterone is an Independent Predictor of BMD and Prevalent Fractures in Elderly Men: MrOS Sweden. Journal of Bone and Mineral Research, 2006, 21, 529-535.	3.1	288
42	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	9.4	284
43	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	9.4	282
44	Large Differences in Testosterone Excretion in Korean and Swedish Men Are Strongly Associated with a UDP-Glucuronosyl Transferase 2B17 Polymorphism. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 687-693.	1.8	258
45	Growth Hormone and Bone. , 1998, 19, 55-79.		255
46	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
47	Older Men With Low Serum Estradiol and High Serum SHBG Have an Increased Risk of Fractures. Journal of Bone and Mineral Research, 2008, 23, 1552-1560.	3.1	250
48	Probiotics Protect Mice from Ovariectomy-Induced Cortical Bone Loss. PLoS ONE, 2014, 9, e92368.	1.1	250
49	Large-Scale Analysis of Association Between <emph type="ital">LRP5</emph> and <emph type="ital">LRP6</emph> Variants and Osteoporosis. JAMA - Journal of the American Medical Association, 2008, 299, 1277.	3.8	246
50	High Serum Testosterone Is Associated With Reduced Risk of Cardiovascular Events in Elderly Men. Journal of the American College of Cardiology, 2011, 58, 1674-1681.	1.2	246
51	Measurement of a Comprehensive Sex Steroid Profile in Rodent Serum by High-Sensitive Gas Chromatography-Tandem Mass Spectrometry. Endocrinology, 2015, 156, 2492-2502.	1.4	246
52	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
53	Cortical and trabecular bone microarchitecture as an independent predictor of incident fracture risk in older women and men in the Bone Microarchitecture International Consortium (BoMIC): a prospective study. Lancet Diabetes and Endocrinology,the, 2019, 7, 34-43.	5.5	244
54	WNT16 Influences Bone Mineral Density, Cortical Bone Thickness, Bone Strength, and Osteoporotic Fracture Risk. PLoS Genetics, 2012, 8, e1002745.	1.5	240

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55	Sex Steroid Actions in Male Bone. Endocrine Reviews, 2014, 35, 906-960.	8.9	239
56	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. Molecular Psychiatry, 2015, 20, 647-656.	4.1	235
57	The Effects of Serum Testosterone, Estradiol, and Sex Hormone Binding Globulin Levels on Fracture Risk in Older Men. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3337-3346.	1.8	221
58	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. Lancet, The, 2020, 396, 1511-1524.	6.3	219
59	The <scp>WNT</scp> system: background and its role in bone. Journal of Internal Medicine, 2015, 277, 630-649.	2.7	204
60	Low Serum Testosterone and Estradiol Predict Mortality in Elderly Men. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2482-2488.	1.8	195
61	Prenatal androgen exposure and transgenerational susceptibility to polycystic ovary syndrome. Nature Medicine, 2019, 25, 1894-1904.	15.2	193
62	Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. BMJ: British Medical Journal, 2018, 362, k3225.	2.4	190
63	SOCS2 negatively regulates growth hormone action in vitro and in vivo. Journal of Clinical Investigation, 2005, 115, 397-406.	3.9	188
64	Genetic Evidence for a Normal-Weight â€œMetabolically Obeseâ€•Phenotype Linking Insulin Resistance, Hypertension, Coronary Artery Disease, and Type 2 Diabetes. Diabetes, 2014, 63, 4369-4377.	0.3	185
65	Estrogen receptor specificity in the regulation of the skeleton in female mice. Journal of Endocrinology, 2001, 171, 229-236.	1.2	182
66	Activation of the prolactin receptor but not the growth hormone receptor is important for induction of mammary tumors in transgenic mice.. Journal of Clinical Investigation, 1997, 100, 2744-2751.	3.9	179
67	Oestrogen receptor specificity in oestradiol-mediated effects on B lymphopoiesis and immunoglobulin production in male mice. Immunology, 2003, 108, 346-351.	2.0	179
68	Genetic Determinants of Serum Testosterone Concentrations in Men. PLoS Genetics, 2011, 7, e1002313.	1.5	178
69	Effects of the gut microbiota on bone mass. Trends in Endocrinology and Metabolism, 2015, 26, 69-74.	3.1	172
70	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
71	Role of oestrogen receptors alpha and beta in immune organ development and in oestrogen-mediated effects on thymus. Immunology, 2001, 103, 17-25.	2.0	167
72	Impact of electro-acupuncture and physical exercise on hyperandrogenism and oligo/amenorrhea in women with polycystic ovary syndrome: a randomized controlled trial. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E37-E45.	1.8	165

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73	Osteoprotegerin mRNA is expressed in primary human osteoblast-like cells: down-regulation by glucocorticoids. Journal of Endocrinology, 1998, 159, 191-195.	1.2	164
74	Dexamethasone Impairs Growth Hormone (GH)-Stimulated Growth by Suppression of Local Insulin-Like Growth Factor (IGF)-I Production and Expression of GH- and IGF-I-Receptor in Cultured Rat Chondrocytes*. Endocrinology, 1998, 139, 3296-3305.	1.4	162
75	Estrogen receptor specificity for the effects of estrogen in ovariectomized mice. Journal of Endocrinology, 2002, 174, 167-178.	1.2	161
76	Raloxifene- and estradiol-mediated effects on uterus, bone and B lymphocytes in mice. Journal of Endocrinology, 2002, 175, 319-327.	1.2	161
77	Influence of oestrogen receptor alpha and beta on the immune system in aged female mice. Immunology, 2003, 110, 149-157.	2.0	158
78	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
79	Retardation of post-natal development caused by a negatively acting thyroid hormone receptor Î±1. EMBO Journal, 2002, 21, 5079-5087.	3.5	156
80	Mature-Onset Obesity in Interleukin-1 Receptor I Knockout Mice. Diabetes, 2006, 55, 1205-1213.	0.3	153
81	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	5.8	153
82	Circulating Fibroblast Growth Factor-23 Is Associated With Fat Mass and Dyslipidemia in Two Independent Cohorts of Elderly Individuals. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 219-227.	1.1	152
83	Expression and Localization of Estrogen Receptor-Î² in Murine and Human Bone. Journal of Bone and Mineral Research, 1999, 14, 923-929.	3.1	151
84	A Genome-Wide Association Meta-Analysis of Circulating Sex Hormoneâ€“Binding Globulin Reveals Multiple Loci Implicated in Sex Steroid Hormone Regulation. PLoS Genetics, 2012, 8, e1002805.	1.5	151
85	Effects of Estrogen on the Vascular Injury Response in Estrogen Receptor Î±,Î² (Double) Knockout Mice. Circulation Research, 2001, 89, 534-539.	2.0	150
86	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	5.8	147
87	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
88	Free Testosterone Is a Positive, Whereas Free Estradiol Is a Negative, Predictor of Cortical Bone Size in Young Swedish Men: The GOOD Study. Journal of Bone and Mineral Research, 2005, 20, 1334-1341.	3.1	141
89	Smoking Is Associated with Lower Bone Mineral Density and Reduced Cortical Thickness in Young Men. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 497-503.	1.8	136
90	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

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91	Growth hormone induces multiplication of the slowly cycling germinal cells of the rat tibial growth plate.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9826-9830.	3.3	132
92	Female Estrogen Receptor Î²â^'/â^' Mice Are Partially Protected Against Age-Related Trabecular Bone Loss. Journal of Bone and Mineral Research, 2001, 16, 1388-1398.	3.1	130
93	Estren Is a Selective Estrogen Receptor Modulator with Transcriptional Activity. Molecular Pharmacology, 2003, 64, 1428-1433.	1.0	129
94	Liver-Derived IGF-I is of Importance for Normal Carbohydrate and Lipid Metabolism. Diabetes, 2001, 50, 1539-1545.	0.3	128
95	Regulation of adult bone turnover by sex steroids. Journal of Cellular Physiology, 2010, 224, 305-310.	2.0	127
96	Regulation of Osteoprotegerin mRNA Levels by Prostaglandin E2in Human Bone Marrow Stroma Cells. Biochemical and Biophysical Research Communications, 1998, 247, 338-341.	1.0	124
97	Differential effects on bone of estrogen receptor Â and androgen receptor activation in orchidectomized adult male mice. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13573-13578.	3.3	121
98	SOCS2 negatively regulates growth hormone action in vitro and in vivo. Journal of Clinical Investigation, 2005, 115, 397-406.	3.9	121
99	Putative Cutâ€Points in Sarcopenia Components and Incident Adverse Health Outcomes: An <scp>SDOC</scp> Analysis. Journal of the American Geriatrics Society, 2020, 68, 1429-1437.	1.3	120
100	Endocrine regulation of longitudinal bone growth. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 33-40.	0.7	119
101	Filamin B deficiency in mice results in skeletal malformations and impaired microvascular development. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3919-3924.	3.3	118
102	Estrogen receptor-Î± in osteocytes is important for trabecular bone formation in male mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2294-2299.	3.3	118
103	The gut microbiota is a major regulator of androgen metabolism in intestinal contents. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E1182-E1192.	1.8	118
104	Demonstration of Estrogen Receptor-Î² Immunoreactivity in Human Growth Plate Cartilage. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 370-373.	1.8	113
105	Are There Any Sensitive and Specific Sex Steroid Markers for Polycystic Ovary Syndrome?. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 810-819.	1.8	113
106	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. American Journal of Human Genetics, 2017, 101, 227-238.	2.6	112
107	Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. PLoS Genetics, 2018, 14, e1007601.	1.5	112
108	Disproportional Skeletal Growth and Markedly Decreased Bone Mineral Content in Growth Hormone Receptor â^'/â^' Mice. Biochemical and Biophysical Research Communications, 2000, 267, 603-608.	1.0	111

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109	Association of Amount of Physical Activity With Cortical Bone Size and Trabecular Volumetric BMD in Young Adult Men: The GOOD Study. Journal of Bone and Mineral Research, 2005, 20, 1936-1943.	3.1	109
110	Causal Factors for Knee, Hip, and Hand Osteoarthritis: AÂMendelian Randomization Study in the <scp>UK</scp> Biobank. Arthritis and Rheumatology, 2019, 71, 1634-1641.	2.9	109
111	Estrogens as regulators of bone health in men. Nature Reviews Endocrinology, 2009, 5, 437-443.	4.3	107
112	Comparable amounts of sex steroids are made outside the gonads in men and women: Strong lesson for hormone therapy of prostate and breast cancer. Journal of Steroid Biochemistry and Molecular Biology, 2009, 113, 52-56.	1.2	106
113	Genome Wide Association Identifies Common Variants at the SERPINA6/SERPINA1 Locus Influencing Plasma Cortisol and Corticosteroid Binding Globulin. PLoS Genetics, 2014, 10, e1004474.	1.5	105
114	Defining the genetic susceptibility to cervical neoplasiaâ€"A genome-wide association study. PLoS Genetics, 2017, 13, e1006866.	1.5	105
115	Low Serum Testosterone and High Serum Estradiol Associate With Lower Extremity Peripheral Arterial Disease in Elderly Men. Journal of the American College of Cardiology, 2007, 50, 1070-1076.	1.2	104
116	Natural (ghrelin) and synthetic (hexarelin) GH secretagogues stimulate H9c2 cardiomyocyte cell proliferation. Journal of Endocrinology, 2002, 175, 201-209.	1.2	101
117	Genetic Determinants of Trabecular and Cortical Volumetric Bone Mineral Densities and Bone Microstructure. PLoS Genetics, 2013, 9, e1003247.	1.5	100
118	Demonstration of Estrogen Receptor-Â Immunoreactivity in Human Growth Plate Cartilage. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 370-373.	1.8	99
119	Tumor Necrosis Factor-Î± and -Î² Upregulate the Levels of Osteoprotegerin mRNA in Human Osteosarcoma MG-63 Cells. Biochemical and Biophysical Research Communications, 1998, 248, 454-457.	1.0	97
120	Osteoprotegerin mRNA Is Increased by Interleukin-1Î± in the Human Osteosarcoma Cell Line MG-63 and in Human Osteoblast-Like Cells. Biochemical and Biophysical Research Communications, 1998, 248, 696-700.	1.0	97
121	Radiographic joint destruction in postmenopausal rheumatoid arthritis is strongly associated with generalised osteoporosis. Annals of the Rheumatic Diseases, 2003, 62, 617-623.	0.5	96
122	The role of the G protein-coupled receptor GPR30 in the effects of estrogen in ovariectomized mice. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E490-E496.	1.8	96
123	Serum fibroblast growth factor-23 (FGF-23) and fracture risk in elderly men. Journal of Bone and Mineral Research, 2011, 26, 857-864.	3.1	96
124	Prevalence and risk factors of osteoporosis in female SLE patients--extended report. Rheumatology, 2007, 46, 1185-1190.	0.9	95
125	Androgen Receptor-Dependent and Independent Atheroprotection by Testosterone in Male Mice. Endocrinology, 2010, 151, 5428-5437.	1.4	95
126	Low-Level Cadmium Exposure Is Associated With Decreased Bone Mineral Density and Increased Risk of Incident Fractures in Elderly Men: The MrOS Sweden Study. Journal of Bone and Mineral Research, 2016, 31, 732-741.	3.1	95

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127	Epigenetic and Transcriptional Alterations in Human Adipose Tissue of Polycystic Ovary Syndrome. Scientific Reports, 2016, 6, 22883.	1.6	93
128	Geranylgeranyltransferase type I (GGTase-I) deficiency hyperactivates macrophages and induces erosive arthritis in mice. Journal of Clinical Investigation, 2011, 121, 628-639.	3.9	93
129	Dihydrotestosterone Treatment Results in Obesity and Altered Lipid Metabolism in Orchidectomized Mice. Obesity, 2006, 14, 662-672.	1.5	92
130	Ethanol prevents development of destructive arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 258-263.	3.3	92
131	Feather pecking in chickens is genetically related to behavioural and developmental traits. Physiology and Behavior, 2005, 86, 52-60.	1.0	91
132	Maternal testosterone exposure increases anxiety-like behavior and impacts the limbic system in the offspring. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14348-14353.	3.3	91
133	Effects of Liver-Derived Insulin-Like Growth Factor I on Bone Metabolism in Mice. Journal of Bone and Mineral Research, 2002, 17, 1977-1987.	3.1	90
134	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. Human Molecular Genetics, 2014, 23, 3054-3068.	1.4	90
135	An Essential Role for Liver ERÎ± in Coupling Hepatic Metabolism to the Reproductive Cycle. Cell Reports, 2016, 15, 360-371.	2.9	90
136	Estrogen Receptor-Î² Inhibits Skeletal Growth and Has the Capacity to Mediate Growth Plate Fusion in Female Mice. Journal of Bone and Mineral Research, 2003, 19, 72-77.	3.1	89
137	Population genomics in a disease targeted primary cell model. Genome Research, 2009, 19, 1942-1952.	2.4	89
138	Bone microarchitecture in ankylosing spondylitis and the association with bone mineral density, fractures, and syndesmophytes. Arthritis Research and Therapy, 2013, 15, R179.	1.6	89
139	Roles of transactivating functions 1 and 2 of estrogen receptor-Î± in bone. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6288-6293.	3.3	88
140	Ablation of TRÎ±2 and a Concomitant Overexpression of Î±1 Yields a Mixed Hypo- and Hyperthyroid Phenotype in Mice. Molecular Endocrinology, 2001, 15, 2115-2128.	3.7	87
141	Ghrelin treatment reverses the reduction in weight gain and body fat in gastrectomised mice. Gut, 2005, 54, 907-913.	6.1	87
142	Low Serum Levels of Sex Steroids Are Associated with Disease Characteristics in Primary Sjogrenâ€™s Syndrome; Supplementation with Dehydroepiandrosterone Restores the Concentrations. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2044-2051.	1.8	87
143	Association between serum 25-hydroxyvitamin D and psychological health in older Chinese men in a cohort study. Journal of Affective Disorders, 2011, 130, 251-259.	2.0	87
144	Eight Common Genetic Variants Associated with Serum DHEAS Levels Suggest a Key Role in Ageing Mechanisms. PLoS Genetics, 2011, 7, e1002025.	1.5	87

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145	Estrogen receptor-Î± is required for the osteogenic response to mechanical loading in a ligand-independent manner involving its activation function 1 but not 2. Journal of Bone and Mineral Research, 2013, 28, 291-301.	3.1	87
146	SHBG Gene Promoter Polymorphisms in Men Are Associated with Serum Sex Hormone-Binding Globulin, Androgen and Androgen Metabolite Levels, and Hip Bone Mineral Density. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 5029-5037.	1.8	86
147	Leptin Is a Negative Independent Predictor of Areal BMD and Cortical Bone Size in Young Adult Swedish Men. Journal of Bone and Mineral Research, 2006, 21, 1871-1878.	3.1	86
148	Evidence for Geographical and Racial Variation in Serum Sex Steroid Levels in Older Men. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E151-E160.	1.8	86
149	Testosterone but not estradiol level is positively related to muscle strength and physical performance independent of muscle mass: a cross-sectional study in 1489 older men. European Journal of Endocrinology, 2011, 164, 811-817.	1.9	86
150	The role of estrogen receptor Î± in the regulation of bone and growth plate cartilage. Cellular and Molecular Life Sciences, 2013, 70, 4023-4037.	2.4	85
151	Older men with low serum IGF-1 have an increased risk of incident fractures: The MrOS Sweden study. Journal of Bone and Mineral Research, 2011, 26, 865-872.	3.1	84
152	Low Serum Levels of Dehydroepiandrosterone Sulfate Predict All-Cause and Cardiovascular Mortality in Elderly Swedish Men. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4406-4414.	1.8	83
153	Genomewide metaâ€analysis identifies loci associated with <scp>IGF</scp> â€Ł and <scp>IGFBP</scp> â€ƀ levels with impact on ageâ€related traits. Aging Cell, 2016, 15, 811-824.	3.0	83
154	Disproportional Body Growth in Female Estrogen Receptor-Î±-Inactivated Mice. Biochemical and Biophysical Research Communications, 1999, 265, 569-571.	1.0	82
155	Estrogen receptor alpha, but not estrogen receptor beta, is involved in the regulation of the OPG/RANKL (osteoprotegerin/receptor activator of NF-kappa B ligand) ratio and serum interleukin-6 in male mice. Journal of Endocrinology, 2001, 171, 425-433.	1.2	82
156	Mice lacking melanin-concentrating hormone receptor 1 demonstrate increased heart rate associated with altered autonomic activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R749-R758.	0.9	82
157	Pubertal Timing Predicts Previous Fractures and BMD in Young Adult Men: The GOOD Study. Journal of Bone and Mineral Research, 2006, 21, 790-795.	3.1	82
158	Age of Attainment of Peak Bone Mass Is Site Specific in Swedish Men-The GOOD Study. Journal of Bone and Mineral Research, 2005, 20, 1223-1227.	3.1	81
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