

# Claes Ohlsson

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

676

papers

50,437

citations

96

h-index

207

g-index

745

ext. papers

57,928

ext. citations

7

avg, IF

6.92

L-index

#	Paper	IF	Citations
676	Selective loss of kisspeptin signaling in oocytes causes progressive premature ovulatory failure.. <i>Human Reproduction</i> , <b>2022</b> ,	5.7	3
675	Comprehensive sex steroid profiling in multiple tissues reveals novel insights in sex steroid distribution in male mice.. <i>Endocrinology</i> , <b>2022</b> ,	4.8	1
674	Lower serum testosterone concentrations are associated with a higher incidence of dementia in men: The UK Biobank prospective cohort study.. <i>Alzheimer's and Dementia</i> , <b>2022</b> ,	1.2	4
673	Childhood overweight and risk of obesity-related adult cancer in men.. <i>Cancer Communications</i> , <b>2022</b> ,	9.4	0
672	Cardiometabolic Risk Factors and Endogenous Sex Hormones in Postmenopausal Women: A Cross-Sectional Study.. <i>Journal of the Endocrine Society</i> , <b>2022</b> , 6, bvac050	0.4	1
671	Genome-wide meta-analysis of monoclonal gammopathy of undetermined significance (MGUS) identifies risk loci impacting IRF-6.. <i>Blood Cancer Journal</i> , <b>2022</b> , 12, 60	7	
670	High intratumoral dihydrotestosterone is associated with antiandrogen resistance in VCaP prostate cancer xenografts in castrated mice.. <i>iScience</i> , <b>2022</b> , 25, 104287	6.1	3
669	Testosterone associates differently with body mass index and age in serum and cerebrospinal fluid in men.. <i>Journal of Internal Medicine</i> , <b>2022</b> ,	10.8	1
668	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , <b>2021</b> ,	50.4	24
667	Bone Phenotyping Approaches in Human, Mice and Zebrafish - Expert Overview of the EU Cost Action GEMSTONE ("GEnomics of MusculoSkeletal traits TranslatiOnal NETwork").. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 720728	5.7	0
666	The androgen receptor depends on ligand-binding domain dimerization for transcriptional activation. <i>EMBO Reports</i> , <b>2021</b> , 22, e52764	6.5	4
665	Serum Testosterone is Inversely and Sex Hormone-binding Globulin is Directly Associated with All-cause Mortality in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e625-e637	5.6	10
664	Testosterone Reduces Body Fat in Male Mice by Stimulation of Physical Activity Via Extrahypothalamic ER $\beta$ Signaling. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	5
663	Association of Genetically Predicted Serum Estradiol With Risk of Thromboembolism in Men: A Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e3078-e3086	5.6	2
662	Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , <b>2021</b> , 10,	8.9	10
661	A Body Weight Sensor Regulates Prepubertal Growth via the Somatotropic Axis in Male Rats. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	2
660	Sarcopenia Definitions as Predictors of Fracture Risk Independent of FRAX , Falls, and BMD in the Osteoporotic Fractures in Men (MrOS) Study: A Meta-Analysis. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> , 36, 1235-1244	6.3	3

659	Inhibition of STAT3 prevents bone metastatic progression of prostate cancer in vivo. <i>Prostate</i> , <b>2021</b> , 81, 452-462	4.2	1
658	Osteocyte- and late osteoblast-derived NOTUM reduces cortical bone mass in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E967-E975	6	0
657	Physical exercise is associated with beneficial bone mineral density and body composition in young adults with childhood-onset inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , <b>2021</b> , 56, 699-707	2.4	2
656	Subclinical hyperthyroidism is associated with increased risk of vertebral fractures in older men. <i>Osteoporosis International</i> , <b>2021</b> , 32, 2257-2265	5.3	2
655	Pubertal Body Mass Index Change Is Associated With Adult Coronary Atherosclerosis and Acute Coronary Events in Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2318-2327	9.4	2
654	What Cut-Point in Gait Speed Best Discriminates Community-Dwelling Older Adults With Mobility Complaints From Those Without? A Pooled Analysis From the Sarcopenia Definitions and Outcomes Consortium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, e321-e327	6.4	7
653	Recent MMR vaccination in health care workers and Covid-19: A test negative case-control study. <i>Vaccine</i> , <b>2021</b> , 39, 4414-4418	4.1	10
652	The gravitostat protects diet-induced obese rats against fat accumulation and weight gain. <i>Journal of Neuroendocrinology</i> , <b>2021</b> , 33, e12997	3.8	0
651	Serum Glycine Levels Are Associated With Cortical Bone Properties and Fracture Risk in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e5021-e5029	5.6	0
650	Acute fat loss does not affect bone mass. <i>Scientific Reports</i> , <b>2021</b> , 11, 14177	4.9	1
649	Sociodemographic, lifestyle and medical influences on serum testosterone and sex hormone-binding globulin in men from UK Biobank. <i>Clinical Endocrinology</i> , <b>2021</b> , 94, 290-302	3.4	7
648	Associations of Trabecular and Cortical Volumetric Bone Mineral Density With Coronary Artery Calcification Score: The Swedish Cardiopulmonary Bioimage Study Pilot Study. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 238-240	16.2	2
647	Low-level cadmium exposure is associated with decreased cortical thickness, cortical area and trabecular bone volume fraction in elderly men: The MrOS Sweden study. <i>Bone</i> , <b>2021</b> , 143, 115768	4.7	5
646	High platelet count is associated with low bone mineral density: The MrOS Sweden cohort. <i>Osteoporosis International</i> , <b>2021</b> , 32, 865-871	5.3	4
645	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , <b>2021</b> , 12, 654	17.4	10
644	Bone and the microbiome <b>2021</b> , 969-988		
643	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 393-409	5.6	6
642	Improved prediction of fracture risk leveraging a genome-wide polygenic risk score. <i>Genome Medicine</i> , <b>2021</b> , 13, 16	14.4	7

641	The influence of adult hip shape genetic variants on adolescent hip shape: Findings from a population-based DXA study. <i>Bone</i> , <b>2021</b> , 143, 115792	4.7	3
640	Mild stimulatory effect of a probiotic mix on bone mass when treatment is initiated 1.5 weeks after ovariectomy in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E591-E597	6.7	1
639	Technological readiness and implementation of genomic-driven precision medicine for complex diseases. <i>Journal of Internal Medicine</i> , <b>2021</b> , 290, 602-620	10.8	6
638	Comparative Analysis of the Effects of Long-Term 3,5-diiodothyronine Treatment on the Murine Hepatic Proteome and Transcriptome Under Conditions of Normal Diet and High-Fat Diet. <i>Thyroid</i> , <b>2021</b> , 31, 1135-1146	6.2	3
637	Pulsed administration for physiological estrogen replacement in mice. <i>F1000Research</i> , <b>2021</b> , 10, 809	3.6	0
636	The "GENomics of Musculo Skeletal Traits TranslatiOnal Network": Origins, Rationale, Organization, and Prospects. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 709815	5.7	2
635	RSPO3 is important for trabecular bone and fracture risk in mice and humans. <i>Nature Communications</i> , <b>2021</b> , 12, 4923	17.4	3
634	GWAS META-analysis followed by MENDELIAN randomisation revealed potential control mechanisms for circulating Fklotho levels. <i>Human Molecular Genetics</i> , <b>2021</b> ,	5.6	1
633	WNT16 is Robustly Increased by Oncostatin M in Mouse Calvarial Osteoblasts and Acts as a Negative Feedback Regulator of Osteoclast Formation Induced by Oncostatin M. <i>Journal of Inflammation Research</i> , <b>2021</b> , 14, 4723-4741	4.8	0
632	Prevalence of overweight and obesity from 5 to 19 years of age in Gothenburg, Sweden. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2021</b> , 110, 3349-3355	3.1	6
631	Testosterone reduces metabolic brown fat activity in male mice. <i>Journal of Endocrinology</i> , <b>2021</b> , 251, 83-96	4.7	1
630	Low Birth Weight as an Early-Life Risk Factor for Adult Stroke Among Men. <i>Journal of Pediatrics</i> , <b>2021</b> , 237, 162-167.e4	3.6	
629	Arginine site 264 in murine estrogen receptor- $\beta$ s dispensable for the regulation of the skeleton. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E160-E168	6	2
628	Variation in the SERPINA6/SERPINA1 locus alters morning plasma cortisol, hepatic corticosteroid binding globulin expression, gene expression in peripheral tissues, and risk of cardiovascular disease. <i>Journal of Human Genetics</i> , <b>2021</b> , 66, 625-636	4.3	12
627	Associations of Serum Testosterone and Sex Hormone-Binding Globulin With Incident Cardiovascular Events in Middle-Aged to Older Men.. <i>Annals of Internal Medicine</i> , <b>2021</b> ,	8	1
626	Role of the Microbiome in Regulating Bone Metabolism and Susceptibility to Osteoporosis. <i>Calcified Tissue International</i> , <b>2021</b> , 110, 273	3.9	3
625	Low Progesterone and Low Estradiol Levels Associate with Abdominal Aortic Aneurysms in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	2
624	The gravitostat theory: More data needed. <i>EClinicalMedicine</i> , <b>2020</b> , 27, 100530	11.3	0

623	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. <i>Lancet, The</i> , <b>2020</b> , 396, 1511-1524	40	73
622	Increased weight loading reduces body weight and body fat in obese subjects - A proof of concept randomized clinical trial. <i>EClinicalMedicine</i> , <b>2020</b> , 22, 100338	11.3	12
621	Androgens In Men Study (AIMS): protocol for meta-analyses of individual participant data investigating associations of androgens with health outcomes in men. <i>BMJ Open</i> , <b>2020</b> , 10, e034777	3	1
620	Estrogen receptor alpha signaling in extrahypothalamic neurons during late puberty decreases bone size and strength in female but not in male mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 7118-7126	0.9	3
619	Growth and Pubertal Timing in Boys With Adult-diagnosed Celiac Disease: A Population-based Longitudinal Cohort Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2020</b> , 70, 853-857	2.8	0
618	Increased risk for hip fracture after death of a spouse-further support for bereavement frailty?. <i>Osteoporosis International</i> , <b>2020</b> , 31, 485-492	5.3	2
617	Smoking-Induced Risk of Osteoporosis Is Partly Mediated by Cadmium From Tobacco Smoke: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1424-1429	6.3	21
616	The lack of HSD17B3 in male mice results in disturbed Leydig cell maturation and endocrine imbalance akin to humans with HSD17B3 deficiency. <i>FASEB Journal</i> , <b>2020</b> , 34, 6111-6128	0.9	3
615	Wnt16 Overexpression in Osteoblasts Increases the Subchondral Bone Mass but has no Impact on Osteoarthritis in Young Adult Female Mice. <i>Calcified Tissue International</i> , <b>2020</b> , 107, 31-40	3.9	5
614	Early puberty and risk for type 2 diabetes in men. <i>Diabetologia</i> , <b>2020</b> , 63, 1141-1150	10.3	5
613	The effects of estradiol are modulated in a tissue-specific manner in mice with inducible inactivation of ER $\alpha$ after sexual maturation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E646-E654	6	2
612	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study. <i>PLoS Medicine</i> , <b>2020</b> , 17, e1003152	11.6	16
611	Identification of Sarcopenia Components That Discriminate Slow Walking Speed: A Pooled Data Analysis. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 1419-1428	5.6	18
610	Putative Cut-Points in Sarcopenia Components and Incident Adverse Health Outcomes: An SDOC Analysis. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 1429-1437	5.6	51
609	The association between Single Nucleotide Polymorphisms of Klotho Gene and Mortality in Elderly Men: The MrOS Sweden Study. <i>Scientific Reports</i> , <b>2020</b> , 10, 10243	4.9	1
608	Mutation of Arginine 264 on ER $\alpha$ (Estrogen Receptor Alpha) Selectively Abrogates the Rapid Signaling of Estradiol in the Endothelium Without Altering Fertility. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 2143-2158	9.4	16
607	Altered body composition profiles in young adults with childhood-onset inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , <b>2020</b> , 55, 169-177	2.4	7
606	Pasteurized protects from fat mass gain but not from bone loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E480-E491	6	19

605	Interleukin 17A: a Janus-faced regulator of osteoporosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 5692	4.9	7
604	BMD-Related Genetic Risk Scores Predict Site-Specific Fractures as Well as Trabecular and Cortical Bone Microstructure. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	5
603	Neonatal exposure to androgens dynamically alters gut microbiota architecture. <i>Journal of Endocrinology</i> , <b>2020</b> , 247, 69-85	4.7	3
602	Interplay between gonadal hormones and postnatal overfeeding in defining sex-dependent differences in gut microbiota architecture. <i>Aging</i> , <b>2020</b> , 12, 19979-20000	5.6	5
601	Revisiting the critical weight hypothesis for regulation of pubertal timing in boys. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> ,	7	3
600	Eight novel loci implicate shared genetic etiology in multiple myeloma, AL amyloidosis, and monoclonal gammopathy of unknown significance. <i>Leukemia</i> , <b>2020</b> , 34, 1187-1191	10.7	12
599	High Plasma Erythropoietin Predicts Incident Fractures in Elderly Men with Normal Renal Function: The MrOS Sweden Cohort. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 298-305	6.3	11
598	Pubertal BMI change and adult-onset asthma in men: Population-based cohort study in Sweden. <i>Clinical and Experimental Allergy</i> , <b>2020</b> , 50, 51-60	4.1	4
597	The tissue-specific effects of different 17 $\beta$ -estradiol doses reveal the key sensitizing role of AF1 domain in ER $\alpha$ activity. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 505, 110741	4.4	7
596	ErbB4 regulates the oocyte microenvironment during folliculogenesis. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 2813-2830	5.6	4
595	Generation of an all-exon Esr2 deleted mouse line: Effects on fertility. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 529, 231-237	3.4	8
594	Pubertal-onset overweight and COPD in men: a cohort study. <i>ERJ Open Research</i> , <b>2020</b> , 6,	3.5	1
593	Phosphorylation site S122 in estrogen receptor $\beta$ has a tissue-dependent role in female mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 15991-16002	0.9	4
592	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 18334	4.9	6
591	Vitamin D3 receptor polymorphisms regulate T cells and T cell-dependent inflammatory diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 24986-24997	11.5	9
590	Excess of ovarian nerve growth factor impairs embryonic development and causes reproductive and metabolic dysfunction in adult female mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 14440-14457	0.9	2
589	Physical function tests predict incident falls: A prospective study of 2969 men in the Swedish Osteoporotic Fractures in Men study. <i>Scandinavian Journal of Public Health</i> , <b>2020</b> , 48, 436-441	3	11
588	Childhood body mass index is associated with the risk of adult hematologic malignancies in men-The best Gothenburg cohort. <i>International Journal of Cancer</i> , <b>2020</b> , 147, 2355-2362	7.5	1



587	Opportunities and Challenges in Functional Genomics Research in Osteoporosis: Report From a Workshop Held by the Causes Working Group of the Osteoporosis and Bone Research Academy of the Royal Osteoporosis Society on October 5th 2020. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 630875	5.7	2
586	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
585	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
584	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
583	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
582	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
581	Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study <b>2020</b> , 17, e1003152		
580	Liver-derived IGF-I is not required for protection against osteoarthritis in male mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E1150-E1157	6	1
579	Gonadal hormone-dependent vs. -independent effects of kisspeptin signaling in the control of body weight and metabolic homeostasis. <i>Metabolism: Clinical and Experimental</i> , <b>2019</b> , 98, 84-94	12.7	24
578	Mendelian Randomization Analysis Reveals a Causal Influence of Circulating Sclerostin Levels on Bone Mineral Density and Fractures. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1824-1836	6.3	11
577	Causal Factors for Knee, Hip, and Hand Osteoarthritis: A Mendelian Randomization Study in the UK Biobank. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 1634-1641	9.5	38
576	The fracture predictive ability of a musculoskeletal composite score in old men - data from the MrOs Sweden study. <i>BMC Geriatrics</i> , <b>2019</b> , 19, 90	4.1	5
575	Interactions Between the Gravitostat and the Fibroblast Growth Factor System for the Regulation of Body Weight. <i>Endocrinology</i> , <b>2019</b> , 160, 1057-1064	4.8	4
574	Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1284-1296	6.3	16
573	Childhood Body Mass Index Is Associated with Risk of Adult Colon Cancer in Men: An Association Modulated by Pubertal Change in Body Mass Index. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 974-979	4	10
572	BMI Change During Puberty Is an Important Determinant of Adult Type 2 Diabetes Risk in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 1823-1832	5.6	15
571	Genome-wide association study of monoclonal gammopathy of unknown significance (MGUS): comparison with multiple myeloma. <i>Leukemia</i> , <b>2019</b> , 33, 1817-1821	10.7	12
570	Lack of androgen receptor SUMOylation results in male infertility due to epididymal dysfunction. <i>Nature Communications</i> , <b>2019</b> , 10, 777	17.4	9

569	High Fidelity of Mouse Models Mimicking Human Genetic Skeletal Disorders. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 934	5.7	5
568	Osteoblast-derived NOTUM reduces cortical bone mass in mice and the locus is associated with bone mineral density in humans. <i>FASEB Journal</i> , <b>2019</b> , 33, 11163-11179	0.9	15
567	Secular Trends in Pubertal Growth Acceleration in Swedish Boys Born From 1947 to 1996. <i>JAMA Pediatrics</i> , <b>2019</b> , 173, 860-865	8.3	20
566	Disentangling the genetics of lean mass. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 276-287	7	24
565	Probiotic treatment using a mix of three Lactobacillus strains for lumbar spine bone loss in postmenopausal women: a randomised, double-blind, placebo-controlled, multicentre trial. <i>Lancet Rheumatology</i> , <b>2019</b> , 1, e154-e162	14.2	33
564	The gut microbiota is a major regulator of androgen metabolism in intestinal contents. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E1182-E1192	6	43
563	Reply. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 2132	9.5	
562	Effects of the selective GPER1 agonist G1 on bone growth. <i>Endocrine Connections</i> , <b>2019</b> , 8, 1302-1309	3.5	6
561	Kisspeptin signaling in oocytes is compulsory for ovulation in adult mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 580.5	0.9	1
560	The androgen receptor is required for maintenance of bone mass in adult male mice. <i>Molecular and Cellular Endocrinology</i> , <b>2019</b> , 479, 159-169	4.4	12
559	Estrogen biosynthesis in cultured skeletal muscle cells (L6) induced by amino acids. <i>Genes and Nutrition</i> , <b>2019</b> , 14, 29	4.3	2
558	Prenatal androgen exposure and transgenerational susceptibility to polycystic ovary syndrome. <i>Nature Medicine</i> , <b>2019</b> , 25, 1894-1904	50.5	97
557	Insight into the genetic architecture of back pain and its risk factors from a study of 509,000 individuals. <i>Pain</i> , <b>2019</b> , 160, 1361-1373	8	34
556	Pubertal timing and adult fracture risk in men: A population-based cohort study. <i>PLoS Medicine</i> , <b>2019</b> , 16, e1002986	11.6	5
555	Evidence of a Causal Effect of Estradiol on Fracture Risk in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 433-442	5.6	18
554	An atlas of genetic influences on osteoporosis in humans and mice. <i>Nature Genetics</i> , <b>2019</b> , 51, 258-266	36.3	270
553	Variations in the vitamin D receptor gene are not associated with measures of muscle strength, physical performance, or falls in elderly men. Data from MrOS Sweden. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 187, 160-165	5.1	6
552	Humanin is a novel regulator of Hedgehog signaling and prevents glucocorticoid-induced bone growth impairment. <i>FASEB Journal</i> , <b>2019</b> , 33, 4962-4974	0.9	20



551	NOTUM inhibition increases endocortical bone formation and bone strength. <i>Bone Research</i> , <b>2019</b> , 7, 2	13.3	39
550	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 241-251	6.3	32
549	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. <i>Lancet Diabetes and Endocrinology</i> , <b>2019</b> , 7, 34-43	18.1	139
548	Androgen receptor SUMOylation regulates bone mass in male mice. <i>Molecular and Cellular Endocrinology</i> , <b>2019</b> , 479, 117-122	4.4	4
547	Translational studies provide insights for the etiology and treatment of cortical bone osteoporosis. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 32, 329-340	6.5	14
546	Prednisolone treatment reduces the osteogenic effects of loading in mice. <i>Bone</i> , <b>2018</b> , 112, 10-18	4.7	9
545	Antibiotics with Interleukin-15 Inhibition Reduce Joint Inflammation and Bone Erosions but Not Cartilage Destruction in Staphylococcus aureus-Induced Arthritis. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	2
544	Reply to Lund: Where does the gravitostat fit in?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E1335	11.5	4
543	A Single Bout of Electroacupuncture Remodels Epigenetic and Transcriptional Changes in Adipose Tissue in Polycystic Ovary Syndrome. <i>Scientific Reports</i> , <b>2018</b> , 8, 1878	4.9	25
542	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , <b>2018</b> , 9, 260	17.4	174
541	Body weight homeostat that regulates fat mass independently of leptin in rats and mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 427-432	11.5	48
540	Roles of activating functions 1 and 2 of estrogen receptor in lymphopoiesis. <i>Journal of Endocrinology</i> , <b>2018</b> , 236, 99-109	4.7	6
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537	Inducible inactivation: WNT16 regulates cortical bone thickness in adult mice. <i>Journal of Endocrinology</i> , <b>2018</b> , 237, 113-122	4.7	20
536	Serum DHEA and Its Sulfate Are Associated With Incident Fall Risk in Older Men: The MrOS Sweden Study. <i>Journal of Bone and Mineral Research</i> , <b>2018</b> , 33, 1227-1232	6.3	7
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531	The Gravitostat Regulates Fat Mass in Obese Male Mice While Leptin Regulates Fat Mass in Lean Male Mice. <i>Endocrinology</i> , <b>2018</b> , 159, 2676-2682	4.8	12
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527	Estrogens and selective estrogen receptor modulators differentially antagonize Runx2 in ST2 mesenchymal progenitor cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2018</b> , 183, 10-17	5.1	3
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517	Adrenals Contribute to Growth of Castration-Resistant VCaP Prostate Cancer Xenografts. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 2890-2901	5.8	9
516	Increased bone mass in a mouse model with low fat mass. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E1274-E1285	6	2

515	Childhood BMI is inversely associated with pubertal timing in normal-weight but not overweight boys. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 108, 1259-1263	7	16
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511	Intratumoral androgen levels are linked to TMPRSS2-ERG fusion in prostate cancer. <i>Endocrine-Related Cancer</i> , <b>2018</b> , 25, 807-819	5.7	11
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498	Response to "Low-Level Cadmium Exposure and Bone Health". <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 420-421	6.3	2

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474	Epigenetic and Transcriptional Alterations in Human Adipose Tissue of Polycystic Ovary Syndrome. <i>Scientific Reports</i> , <b>2016</b> , 6, 22883	4.9	58
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403	Meta-analysis of genome-wide association studies identifies two loci associated with circulating osteoprotegerin levels. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6684-93	5.6	11
402	Genome-wide association studies on serum sex steroid levels. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 382, 758-766	4.4	12
401	The role of total and cartilage-specific estrogen receptor alpha expression for the ameliorating effect of estrogen treatment on arthritis. <i>Arthritis Research and Therapy</i> , <b>2014</b> , 16, R150	5.7	21
400	Effects of lasofoxifene and bazedoxifene on B cell development and function. <i>Immunity, Inflammation and Disease</i> , <b>2014</b> , 2, 214-25	2.4	22
399	Probiotics protect mice from ovariectomy-induced cortical bone loss. <i>PLoS ONE</i> , <b>2014</b> , 9, e92368	3.7	181
398	Laminin $\alpha$ 4 deficient mice exhibit decreased capacity for adipose tissue expansion and weight gain. <i>PLoS ONE</i> , <b>2014</b> , 9, e109854	3.7	31
397	Serum estradiol levels are inversely associated with cortical porosity in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E1322-6	5.6	25
396	The estrogen receptor antagonist ICI 182,780 can act both as an agonist and an inverse agonist when estrogen receptor $\alpha$ 2 is modified. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1180-5	11.5	36
395	Both low and high serum IGF-1 levels associate with increased risk of cardiovascular events in elderly men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E2308-16	5.6	28
394	The effect of estrogen on bone requires ER $\alpha$ in nonhematopoietic cells but is enhanced by ER $\alpha$ in hematopoietic cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 307, E589-95	6	13
393	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. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004423	6	107
392	Genome wide association identifies common variants at the SERPINA6/SERPINA1 locus influencing plasma cortisol and corticosteroid binding globulin. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004474	6	71
391	Exercise during growth and young adulthood is independently associated with cortical bone size and strength in old Swedish men. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1795-804	6.3	32
390	High-sensitivity CRP is an independent risk factor for all fractures and vertebral fractures in elderly men: the MrOS Sweden study. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 418-23	6.3	45

389	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 3054-68	5.6	78
388	Genetic evidence for a normal-weight "metabolically obese" phenotype linking insulin resistance, hypertension, coronary artery disease, and type 2 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 4369-77	0.9	131
387	Role of androgen and estrogen receptors for the action of dehydroepiandrosterone (DHEA). <i>Endocrinology</i> , <b>2014</b> , 155, 889-96	4.8	12
386	International and ethnic variability of falls in older men. <i>Scandinavian Journal of Public Health</i> , <b>2014</b> , 42, 194-200	3	10
385	Combined treatment with GH and IGF-I: additive effect on cortical bone mass but not on linear bone growth in female rats. <i>Endocrinology</i> , <b>2014</b> , 155, 4798-807	4.8	11
384	Does bone resorption stimulate periosteal expansion? A cross-sectional analysis of EC-telopeptides of type I collagen (CTX), genetic markers of the RANKL pathway, and periosteal circumference as measured by pQCT. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1015-24	6.3	23
383	Genome-wide association study for radiographic vertebral fractures: A potential role for the 16q24 BMD locus. <i>Bone</i> , <b>2014</b> , 59, 20-27	4.7	29
382	aP2-Cre-mediated inactivation of estrogen receptor alpha causes hydrometra. <i>PLoS ONE</i> , <b>2014</b> , 9, e85583	3.7	11
381	Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. <i>Bone</i> , <b>2014</b> , 59, 20-7	4.7	16
380	Lactation influences changes in volumetric bone mineral density and microstructure postpartum (LB315). <i>FASEB Journal</i> , <b>2014</b> , 28, LB315	0.9	
379	The role of estrogen receptor $\beta$ in the regulation of bone and growth plate cartilage. <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 4023-37	10.3	61
378	Sport-specific association between exercise loading and the density, geometry, and microstructure of weight-bearing bone in young adult men. <i>Osteoporosis International</i> , <b>2013</b> , 24, 1613-22	5.3	16
377	Fibroblast growth factor 23, mineral metabolism and mortality among elderly men (Swedish MrOs). <i>BMC Nephrology</i> , <b>2013</b> , 14, 85	2.7	28
376	Liver-derived endocrine IGF-I is not critical for activation of skeletal muscle protein synthesis following oral feeding. <i>BMC Physiology</i> , <b>2013</b> , 13, 7	0	11
375	Periarticular bone loss in antigen-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 2857-65		18
374	Maternal beef and postweaning herring diets increase bone mineral density and strength in mouse offspring. <i>Experimental Biology and Medicine</i> , <b>2013</b> , 238, 1362-9	3.7	1
373	The prevalence of moderate to severe radiographic sacroiliitis and the correlation with health status in elderly Swedish men--the MrOS study. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 352	2.8	9
372	X-ray-verified fractures are associated with finite element analysis-derived bone strength and trabecular microstructure in young adult men. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 2305-16	6.3	19

371	Holo-transcobalamin is not influenced by decreased renal function in elderly men: the MrOS Sweden study. <i>Annals of Clinical Biochemistry</i> , <b>2013</b> , 50, 585-94	2.2	7
370	Bone metabolism in 2012: Novel osteoporosis targets. <i>Nature Reviews Endocrinology</i> , <b>2013</b> , 9, 72-4	15.2	14
369	Estrogen receptor- $\alpha$ 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> , <b>2013</b> , 110, 2294-9	11.5	100
368	Estrogen receptor- $\beta$ s required for the osteogenic response to mechanical loading in a ligand-independent manner involving its activation function 1 but not 2. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 291-301	6.3	68
367	Expression of metastasin S100A4 is essential for bone resorption and regulates osteoclast function. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 2653-2663	4.9	20
366	Low 25-OH vitamin D is associated with benign prostatic hyperplasia. <i>Journal of Urology</i> , <b>2013</b> , 190, 608-14	14	19
365	TRPV4 deficiency causes sexual dimorphism in bone metabolism and osteoporotic fracture risk. <i>Bone</i> , <b>2013</b> , 57, 443-54	4.7	28
364	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , <b>2013</b> , 45, 501-12	36.3	437
363	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , <b>2013</b> , 45, 621-31	36.3	219
362	Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001383	11.6	592
361	Genetic determinants of trabecular and cortical volumetric bone mineral densities and bone microstructure. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003247	6	87
360	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003500	6	277
359	Resveratrol is not as effective as physical exercise for improving reproductive and metabolic functions in rats with dihydrotestosterone-induced polycystic ovary syndrome. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 964070	2.3	23
358	Comparisons of immunoassay and mass spectrometry measurements of serum estradiol levels and their influence on clinical association studies in men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E1097-102	5.6	43
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352	Resveratrol treatment delays growth plate fusion and improves bone growth in female rabbits. <i>PLoS ONE</i> , <b>2013</b> , 8, e67859	3.7	11
351	Advancing maternal age is associated with lower bone mineral density in young adult male offspring. <i>Osteoporosis International</i> , <b>2012</b> , 23, 475-82	5.3	13
350	Low serum vitamin D is associated with increased mortality in elderly men: MrOS Sweden. <i>Osteoporosis International</i> , <b>2012</b> , 23, 991-9	5.3	45
349	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , <b>2012</b> , 379, 1205-13	4.0	522
348	High serum adiponectin predicts incident fractures in elderly men: Osteoporotic fractures in men (MrOS) Sweden. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 1390-6	6.3	40
347	Inferior physical performance test results of 10,998 men in the MrOS Study is associated with high fracture risk. <i>Age and Ageing</i> , <b>2012</b> , 41, 339-44	3	32
346	Inferior physical performance tests in 10,998 men in the MrOS study is associated with recurrent falls. <i>Age and Ageing</i> , <b>2012</b> , 41, 740-6	3	22
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340	Catch up in bone acquisition in young adult men with late normal puberty. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 2198-207	6.3	26
339	Assessment of gene-by-sex interaction effect on bone mineral density. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 2051-64	6.3	37
338	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , <b>2012</b> , 490, 267-72	50.4	304
337	Importance of circulating IGF-1 for normal cardiac morphology, function and post infarction remodeling. <i>Growth Hormone and IGF Research</i> , <b>2012</b> , 22, 206-11	2	18
336	The role of IGF-1 for fracture risk in men. <i>Frontiers in Endocrinology</i> , <b>2012</b> , 3, 51	5.7	3



335	Increased physical activity is associated with enhanced development of peak bone mass in men: a five-year longitudinal study. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 1206-14	6.3	45
334	The gut microbiota regulates bone mass in mice. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 1357-67.	6.3	412
333	Sex steroids and bone health in older Chinese men. <i>Osteoporosis International</i> , <b>2012</b> , 23, 1553-62	5.3	40
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331	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002805	6	116
330	The role of estrogen receptor- $\beta$ and its activation function-1 for growth plate closure in female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E1381-9	6	34
329	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. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002718	6	118
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327	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> , <b>2012</b> , 287, 33512-22	5.4	31
326	Serum 25-hydroxyvitamin D and parathyroid hormone levels in relation to blood pressure in a cross-sectional study in older Chinese men. <i>Journal of Human Hypertension</i> , <b>2012</b> , 26, 20-7	2.6	32
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324	The Rhetoric of Financial Literacy. <i>Journal of Interdisciplinary Economics</i> , <b>2012</b> , 24, 55-75	0.5	6
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315	Effects of oestradiol and raloxifene on the induction and effector phases of experimental postmenopausal arthritis and secondary osteoporosis. <i>Clinical and Experimental Immunology</i> , <b>2011</b> , 165, 121-9	6.2	10
314	Mild dementia is associated with increased adrenal secretion of cortisol and precursor sex steroids in women. <i>Clinical Endocrinology</i> , <b>2011</b> , 75, 301-8	3.4	8
313	Sex steroids, insulin sensitivity and sympathetic nerve activity in relation to affective symptoms in women with polycystic ovary syndrome. <i>Psychoneuroendocrinology</i> , <b>2011</b> , 36, 1470-9	5	42
312	Association between serum 25-hydroxyvitamin D and psychological health in older Chinese men in a cohort study. <i>Journal of Affective Disorders</i> , <b>2011</b> , 130, 251-9	6.6	71
311	Role of 2-methoxyestradiol as inhibitor of arthritis and osteoporosis in a model of postmenopausal rheumatoid arthritis. <i>Clinical Immunology</i> , <b>2011</b> , 140, 37-46	9	17
310	There is in elderly men a group difference between fallers and non-fallers in physical performance tests. <i>Age and Ageing</i> , <b>2011</b> , 40, 744-9	3	8
309	Prevalence of primary hyperparathyroidism and impact on bone mineral density in elderly men: MrOs Sweden. <i>World Journal of Surgery</i> , <b>2011</b> , 35, 1266-72	3.3	33
308	Low bone mineral density is associated with increased mortality in elderly men: MrOS Sweden. <i>Osteoporosis International</i> , <b>2011</b> , 22, 1411-8	5.3	25
307	The role of GH/IGF-I-mediated mechanisms in sex differences in cortical bone size in mice. <i>Calcified Tissue International</i> , <b>2011</b> , 88, 1-8	3.9	29
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305	Older men with low serum IGF-1 have an increased risk of incident fractures: the MrOS Sweden study. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 865-72	6.3	67
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296	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002313	6	148
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294	Reduced bone mass and muscle strength in male 5 $\alpha$ -reductase type 1 inactivated mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e21402	3.7	43
293	Liver-derived IGF-I regulates mean life span in mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e22640	3.7	48
292	Low DHEAS levels are associated with depressive symptoms in elderly Chinese men: results from a large study. <i>Asian Journal of Andrology</i> , <b>2011</b> , 13, 898-902	2.8	17
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288	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , <b>2010</b> , 42, 937-48	36.3	2267
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286	Serum estradiol is associated with lean mass in elderly Swedish men. <i>European Journal of Endocrinology</i> , <b>2010</b> , 162, 737-45	6.5	29
285	Salt intake in young Swedish men. <i>Public Health Nutrition</i> , <b>2010</b> , 13, 601-5	3.3	33
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273	Association of genetic variations in aromatase gene with serum estrogen and estrogen/testosterone ratio in Chinese elderly men. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 53-8	6.2	19
272	ACE inhibitor use was associated with lower serum dehydroepiandrosterone concentrations in older men. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 1122-5	6.2	12
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270	Evidence for geographical and racial variation in serum sex steroid levels in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, E151-60	5.6	76
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257	Estrogen and the Skeleton [Humans <b>2010</b> , 289-293		
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8	Embryonic stem cells express growth hormone receptors: regulation by retinoic acid		12
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6	Enhanced Spontaneous Locomotor Activity in Bovine GH Transgenic Mice Involves Peripheral Mechanisms		8
5	Liver-Derived IGF-I Regulates GH Secretion at the Pituitary Level in Mice		13
4	Novel osteoporosis targets		1
3	Genome-wide Meta-analysis of 158,000 Individuals of European Ancestry Identifies Three Loci Associated with Chronic Back Pain		1
2	An Atlas of Human and Murine Genetic Influences on Osteoporosis		3
1	Update of the fracture risk prediction tool FRAX: a systematic review of potential cohorts and analysis plan. <i>Osteoporosis International</i> ,	5.3	0