# J Brent Richards

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 207 papers | 26,895 citations | 10986 71 h-index | 7950 149 g-index |
| 246 all docs | 246 docs citations | 246 times ranked | 34648 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The health effects of vitamin D supplementation: evidence from human studies. Nature Reviews Endocrinology, 2022, 18, 96-110. | 9.6 | 181 |
| 2 | Clinically Relevant Circulating Protein Biomarkers for Type 1 Diabetes: Evidence From a Two-Sample Mendelian Randomization Study. Diabetes Care, 2022, 45, 169-177. | 8.6 | 18 |
| 3 | Multi-ancestry fine mapping implicates OAS1 splicing in risk of severe COVID-19. Nature Genetics, 2022, 54, 125-127. | 21.4 | 75 |
| 4 | An effector index to predict target genes at GWAS loci. Human Genetics, 2022, 141, 1431-1447. | 3.8 | 28 |
| 5 | Common, low-frequency, rare, and ultra-rare coding variants contribute to COVID-19 severity. Human Genetics, 2022, 141, 147-173. | 3.8 | 22 |
| 6 | Reply to â€˜The emerging evidence for non-skeletal health benefits of vitamin D supplementation in adultsâ€™. Nature Reviews Endocrinology, 2022, , . | 9.6 | 0 |
| 7 | Cohort profile: genomic data for 26 622 individuals from the Canadian Longitudinal Study on Aging (CLSA). BMJ Open, 2022, 12, e059021. | 1.9 | 17 |
| 8 | Connecting Genomics and Proteomics to Identify Protein Biomarkers for Adult and Youth-Onset Type 2 Diabetes: A Two-Sample Mendelian Randomization Study. Diabetes, 2022, 71, 1324-1337. | 0.6 | 7 |
| 9 | Novel genes and sex differences in COVID-19 severity. Human Molecular Genetics, 2022, 31, 3789-3806. | 2.9 | 38 |
| 10 | Capturing additional genetic risk from family history for improved polygenic risk prediction. Communications Biology, 2022, 5, . | 4.4 | 6 |
| 11 | Circulating Isovalerylcarnitine and Lung Cancer Risk: Evidence from Mendelian Randomization and Prediagnostic Blood Measurements. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1966-1974. | 2.5 | 4 |
| 12 | Colocalization of Gene Expression and DNA Methylation with Genetic Risk Variants Supports Functional Roles of MUC5B and DSP in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1259-1270. | 5.6 | 12 |
| 13 | Sex Differences in the Risk of Coronary Heart Disease Associated With Type 2 Diabetes: A Mendelian Randomization Analysis. Diabetes Care, 2021, 44, 556-562. | 8.6 | 21 |
| 14 | Mendelian randomization study shows no causal effects of serum urate levels on the risk of MS. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, e920. | 6.0 | 5 |
| 15 | The effect of angiotensin-converting enzyme levels on COVID-19 susceptibility and severity: a Mendelian randomization study. International Journal of Epidemiology, 2021, 50, 75-86. | 1.9 | 10 |
| 16 | Individuals with common diseases but with a low polygenic risk score could be prioritized for rare variant screening. Genetics in Medicine, 2021, 23, 508-515. | 2.4 | 39 |
| 17 | The relative contributions of obesity, vitamin D, leptin, and adiponectin to multiple sclerosis risk: A Mendelian randomization mediation analysis. Multiple Sclerosis Journal, 2021, 27, 1994-2000. | 3.0 | 31 |
| 18 | Vitamin D levels and risk of type 1 diabetes: A Mendelian randomization study. PLoS Medicine, 2021, 18, e1003536. | 8.4 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Improved prediction of fracture risk leveraging a genome-wide polygenic risk score. Genome Medicine, 2021, 13, 16. | 8.2 | 35 |
| 20 | A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. Nature Medicine, 2021, 27, 659-667. | 30.7 | 188 |
| 21 | Polygenic Risk Score for Low-Density Lipoprotein Cholesterol Is Associated With Risk of Ischemic Heart Disease and Enriches for Individuals With Familial Hypercholesterolemia. Circulation Genomic and Precision Medicine, 2021, 14, e003106. | 3.6 | 21 |
| 22 | Childhood obesity and multiple sclerosis: A Mendelian randomization study. Multiple Sclerosis Journal, 2021, 27, 2150-2158. | 3.0 | 30 |
| 23 | A Polygenic Risk Score to Predict Future Adult Short Stature Among Children. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1918-1928. | 3.6 | 19 |
| 24 | Osteocyte transcriptome mapping identifies a molecular landscape controlling skeletal homeostasis and susceptibility to skeletal disease. Nature Communications, 2021, 12, 2444. | 12.8 | 58 |
| 25 | The Biobanque quÃ©bÃ©coise de la COVID-19 (BQC19)â€"A cohort to prospectively study the clinical and biological determinants of COVID-19 clinical trajectories. PLoS ONE, 2021, 16, e0245031. | 2.5 | 30 |
| 26 | Genetically increased circulating FUT3 level leads to reduced risk of Idiopathic Pulmonary Fibrosis: a Mendelian Randomisation Study. European Respiratory Journal, 2021, , 2003979. | 6.7 | 9 |
| 27 | Vitamin D and COVID-19 susceptibility and severity in the COVID-19 Host Genetics Initiative: A Mendelian randomization study. PLoS Medicine, 2021, 18, e1003605. | 8.4 | 91 |
| 28 | Pan-ancestry exome-wide association analyses of COVID-19 outcomes in 586,157 individuals. American Journal of Human Genetics, 2021, 108, 1350-1355. | 6.2 | 72 |
| 29 | Rare loss-of-function variants in type I IFN immunity genes are not associated with severe COVID-19. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 56 |
| 30 | Mapping the human genetic architecture of COVID-19. Nature, 2021, 600, 472-477. | 27.8 | 640 |
| 31 | Association of rare predicted loss-of-function variants of influenza-related type I IFN genes with critical COVID-19 pneumonia. Reply.. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 20 |
| 32 | Health Effects of Calcium: Evidence From Mendelian Randomization Studies. JBMR Plus, 2021, 5, e10542. | 2.7 | 8 |
| 33 | Utility of Genetically Predicted Lp(a) (Lipoprotein [a]) and ApoB Levels for Cardiovascular Risk Assessment. Circulation Genomic and Precision Medicine, 2021, 14, e003312. | 3.6 | 6 |
| 34 | RSPO3 is important for trabecular bone and fracture risk in mice and humans. Nature Communications, 2021, 12, 4923. | 12.8 | 19 |
| 35 | Block coordinate descent algorithm improves variable selection and estimation in errorâ€inâ€variables regression. Genetic Epidemiology, 2021, 45, 874-890. | 1.3 | 5 |
| 36 | Age-dependent impact of the major common genetic risk factor for COVID-19 on severity and mortality. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 72 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Strengthening the reporting of observational studies in epidemiology using mendelian randomisation (STROBE-MR): explanation and elaboration. BMJ, The, 2021, 375, n2233. | 6.0 | 408 |
| 38 | Strengthening the Reporting of Observational Studies in Epidemiology Using Mendelian Randomization. JAMA - Journal of the American Medical Association, 2021, 326, 1614. | 7.4 | 829 |
| 39 | Dnmt3a-mutated clonal hematopoiesis promotes osteoporosis. Journal of Experimental Medicine, 2021, 218, . | 8.5 | 81 |
| 40 | Responsible use of polygenic risk scores in the clinic: potential benefits, risks and gaps. Nature Medicine, 2021, 27, 1876-1884. | 30.7 | 214 |
| 41 | Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. Science Advances, 2021, 7, eabj5629. | 10.3 | 32 |
| 42 | Genotype imputation and reference panel: a systematic evaluation on haplotype size and diversity. Briefings in Bioinformatics, 2020, 21, 1806-1817. | 6.5 | 27 |
| 43 | Increased Burden of Common Risk Alleles in Children With a Significant Fracture History. Journal of Bone and Mineral Research, 2020, 35, 875-882. | 2.8 | 6 |
| 44 | Genetically Decreased Circulating Vascular Endothelial Growth Factor and Osteoporosis Outcomes: A Mendelian Randomization Study. Journal of Bone and Mineral Research, 2020, 35, 649-656. | 2.8 | 9 |
| 45 | Genetic basis of falling risk susceptibility in the UK Biobank Study. Communications Biology, 2020, 3, 543. | 4.4 | 17 |
| 46 | Genetic Determinants of Antibody-Mediated Immune Responses to Infectious Diseases Agents: A Genome-Wide and HLA Association Study. Open Forum Infectious Diseases, 2020, 7, ofaa450. | 0.9 | 12 |
| 47 | The undiagnosed disease burden associated with alpha-1 antitrypsin deficiency genotypes. European Respiratory Journal, 2020, 56, 2001441. | 6.7 | 40 |
| 48 | Utilizing heart rate variability to predict ICU patient outcome in traumatic brain injury. BMC Bioinformatics, 2020, 21, 481. | 2.6 | 5 |
| 49 | Whole-exome sequencing identifies rare variants in STAB2 associated with venous thromboembolic disease. Blood, 2020, 136, 533-541. | 1.4 | 34 |
| 50 | A Polygenic Risk Score as a Risk Factor for Medicationâ€Associated Fractures. Journal of Bone and Mineral Research, 2020, 35, 1935-1941. | 2.8 | 5 |
| 51 | Development of a polygenic risk score to improve screening for fracture risk: A genetic risk prediction study. PLoS Medicine, 2020, 17, e1003152. | 8.4 | 45 |
| 52 | Genome-wide Association Study for Vitamin D Levels Reveals 69 Independent Loci. American Journal of Human Genetics, 2020, 106, 327-337. | 6.2 | 144 |
| 53 | Modulators of Fam210a and Roles of Fam210a in the Function of Myoblasts. Calcified Tissue International, 2020, 106, 533-540. | 3.1 | 7 |
| 54 | Polygenic risk for coronary heart disease acts through atherosclerosis in type 2 diabetes. Cardiovascular Diabetology, 2020, 19, 12. | 6.8 | 23 |

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|---|---|---|---|
| 55 | Little evidence for an effect of smoking on multiple sclerosis risk: A Mendelian Randomization study. PLoS Biology, 2020, 18, e3000973. | 5.6 | 14 |
| 56 | Rare Genetic Variants of Large Effect Influence Risk of Type 1 Diabetes. Diabetes, 2020, 69, 784-795. | 0.6 | 69 |
| 57 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 58 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 59 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 60 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 61 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 62 | Title is missing!. , 2020, 17, e1003152. | | 0 |
| 63 | Identifying Causes of Fracture Beyond Bone Mineral Density: Evidence From Human Genetics. Journal of Bone and Mineral Research, 2020, 37, 1592-1602. | 2.8 | 5 |
| 64 | Interleukin-18 as a drug repositioning opportunity for inflammatory bowel disease: A Mendelian randomization study. Scientific Reports, 2019, 9, 9386. | 3.3 | 25 |
| 65 | Cohort Profile: The Canadian Longitudinal Study on Aging (CLSA). International Journal of Epidemiology, 2019, 48, 1752-1753j. | 1.9 | 237 |
| 66 | Commentary: Role of vitamin D in disease through the lens of Mendelian randomizationâ€"Evidence from Mendelian randomization challenges the benefits of vitamin D supplementation for disease prevention. International Journal of Epidemiology, 2019, 48, 1435-1437. | 1.9 | 6 |
| 67 | Preface to the BONE special issue on skeletal genomics. Bone, 2019, 126, 1. | 2.9 | 0 |
| 68 | Effect of age at puberty on risk of multiple sclerosis. Neurology, 2019, 92, e1803-e1810. | 1.1 | 23 |
| 69 | Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. Journal of Bone and Mineral Research, 2019, 34, 1284-1296. | 2.8 | 27 |
| 70 | Authorsâ€™ reply to Sugiyama. BMJ: British Medical Journal, 2019, 364, l115. | 2.3 | 1 |
| 71 | Genetic predisposition to increased serum calcium, bone mineral density, and fracture risk in individuals with normal calcium levels: mendelian randomisation study. BMJ: British Medical Journal, 2019, 366, l4410. | 2.3 | 32 |
| 72 | An atlas of genetic influences on osteoporosis in humans and mice. Nature Genetics, 2019, 51, 258-266. | 21.4 | 557 |

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|---|---|---|---|
| 73 | The influence of obesity-related factors in the etiology of renal cell carcinomaâ€"A mendelian randomization study. PLoS Medicine, 2019, 16, e1002724. | 8.4 | 59 |
| 74 | Constrained instruments and their application to Mendelian randomization with pleiotropy. Genetic Epidemiology, 2019, 43, 373-401. | 1.3 | 15 |
| 75 | Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. Journal of Bone and Mineral Research, 2019, 34, 241-251. | 2.8 | 47 |
| 76 | Vitamin D deficiency is an etiological factor for MS â€" Yes. Multiple Sclerosis Journal, 2019, 25, 637-639. | 3.0 | 3 |
| 77 | FAM210A is a novel determinant of bone and muscle structure and strength. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3759-E3768. | 7.1 | 49 |
| 78 | Heritable contributions versus genetic architecture. Nature Reviews Genetics, 2018, 19, 185-185. | 16.3 | 1 |
| 79 | Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. Nature Communications, 2018, 9, 260. | 12.8 | 295 |
| 80 | Exome-wide rare variant analyses of two bone mineral density phenotypes: the challenges of analyzing rare genetic variation. Scientific Reports, 2018, 8, 220. | 3.3 | 2 |
| 81 | Mendelian randomization in multiple sclerosis: A causal role for vitamin D and obesity?. Multiple Sclerosis Journal, 2018, 24, 80-85. | 3.0 | 40 |
| 82 | 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. | 6.2 | 252 |
| 83 | Genetic architecture: the shape of the genetic contribution to human traits and disease. Nature Reviews Genetics, 2018, 19, 110-124. | 16.3 | 335 |
| 84 | Metabolomic Pathways to Osteoporosis in Middle-Aged Women: A Genome-Metabolome-Wide Mendelian Randomization Study. Journal of Bone and Mineral Research, 2018, 33, 643-650. | 2.8 | 44 |
| 85 | Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. Nature Communications, 2018, 9, 4455. | 12.8 | 181 |
| 86 | Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. BMJ: British Medical Journal, 2018, 362, k3225. | 2.3 | 190 |
| 87 | Meta-analysis identifies novel risk loci and yields systematic insights into the biology of male-pattern baldness. Nature Communications, 2017, 8, 14694. | 12.8 | 58 |
| 88 | Epigenome-wide Association of DNA Methylation in Whole Blood With Bone Mineral Density. Journal of Bone and Mineral Research, 2017, 32, 1644-1650. | 2.8 | 49 |
| 89 | Genome-wide association study meta-analysis for quantitative ultrasound parameters of bone identifies five novel loci for broadband ultrasound attenuation. Human Molecular Genetics, 2017, 26, 2791-2802. | 2.9 | 32 |
| 90 | Large differences in adiponectin levels have no clear effect on multiple sclerosis risk: A Mendelian randomization study. Multiple Sclerosis Journal, 2017, 23, 1461-1468. | 3.0 | 11 |

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|---|---|---|---|
| 91 | No clear support for a role for vitamin D in Parkinson's disease: A Mendelian randomization study. Movement Disorders, 2017, 32, 1249-1252. | 3.9 | 38 |
| 92 | Genetic determinants of adiponectin regulation revealed by pregnancy. Obesity, 2017, 25, 935-944. | 3.0 | 10 |
| 93 | A Mendelian Randomization Study of the Effect of Type-2 Diabetes and Glycemic Traits on Bone Mineral Density. Journal of Bone and Mineral Research, 2017, 32, 1072-1081. | 2.8 | 44 |
| 94 | 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. | 6.2 | 112 |
| 95 | Low vitamin D levels as a risk factor for cancer. BMJ: British Medical Journal, 2017, 359, j4952. | 2.3 | 11 |
| 96 | Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. Nature Communications, 2017, 8, 16015. | 12.8 | 149 |
| 97 | Vitamin D levels and susceptibility to asthma, elevated immunoglobulin E levels, and atopic dermatitis: A Mendelian randomization study. PLoS Medicine, 2017, 14, e1002294. | 8.4 | 78 |
| 98 | Back to school to protect against coronary heart disease?. BMJ: British Medical Journal, 2017, 358, j3849. | 2.3 | 2 |
| 99 | Identification of 153 new loci associated with heel bone mineral density and functional involvement of GPC6 in osteoporosis. Nature Genetics, 2017, 49, 1468-1475. | 21.4 | 391 |
| 100 | A combined reference panel from the 1000â€‰Genomes and UK10K projects improved rare variant imputation in European and Chinese samples. Scientific Reports, 2016, 6, 39313. | 3.3 | 32 |
| 101 | Software Application Profiles: useful and novel software for epidemiological data analysis. International Journal of Epidemiology, 2016, 45, 309-310. | 1.9 | 2 |
| 102 | Blood lipids and prostate cancer: a Mendelian randomization analysis. Cancer Medicine, 2016, 5, 1125-1136. | 2.8 | 68 |
| 103 | Mendelian Randomization Studies Do Not Support a Role for Vitamin D in Coronary Artery Disease. Circulation: Cardiovascular Genetics, 2016, 9, 349-356. | 5.1 | 93 |
| 104 | Toward Precision Medicine: TBC1D4 Disruption Is Common Among the Inuit and Leads to Underdiagnosis of Type 2 Diabetes. Diabetes Care, 2016, 39, 1889-1895. | 8.6 | 33 |
| 105 | A reference panel of 64,976 haplotypes for genotype imputation. Nature Genetics, 2016, 48, 1279-1283. | 21.4 | 2,421 |
| 106 | Vitamin D: Ten Beliefs. Journal of General Internal Medicine, 2016, 31, 1276-1276. | 2.6 | 0 |
| 107 | Investigating causality in the association between 25(OH)D and schizophrenia. Scientific Reports, 2016, 6, 26496. | 3.3 | 44 |
| 108 | Genetically decreased vitamin D and risk of Alzheimer disease. Neurology, 2016, 87, 2567-2574. | 1.1 | 92 |

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|---|---|---|---|
| 109 | A method for analyzing multiple continuous phenotypes in rare variant association studies allowing for flexible correlations in variant effects. European Journal of Human Genetics, 2016, 24, 1344-1351. | 2.8 | 21 |
| 110 | Genome-wide association study using family-based cohorts identifies the WLS and CCDC170/ESR1 loci as associated with bone mineral density. BMC Genomics, 2016, 17, 136. | 2.8 | 44 |
| 111 | New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495. | 12.8 | 245 |
| 112 | Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494. | 12.8 | 153 |
| 113 | Genome-wide association study with 1000 genomes imputation identifies signals for nine sex hormone-related phenotypes. European Journal of Human Genetics, 2016, 24, 284-290. | 2.8 | 89 |
| 114 | Obesity and Multiple Sclerosis: A Mendelian Randomization Study. PLoS Medicine, 2016, 13, e1002053. | 8.4 | 171 |
| 115 | Performance of Genotype Imputation for Low Frequency and Rare Variants from the 1000 Genomes. PLoS ONE, 2015, 10, e0116487. | 2.5 | 62 |
| 116 | Whole-genome sequence-based analysis of thyroid function. Nature Communications, 2015, 6, 5681. | 12.8 | 75 |
| 117 | A Mendelian randomization study of the effect of type-2 diabetes on coronary heart disease. Nature Communications, 2015, 6, 7060. | 12.8 | 111 |
| 118 | Wholeâ€genome sequencing identifies EN1 as a determinant of bone density and fracture. Nature, 2015, 526, 112-117. | 27.8 | 483 |
| 119 | The UK10K project identifies rare variants in health and disease. Nature, 2015, 526, 82-90. | 27.8 | 1,014 |
| 120 | Improved imputation of low-frequency and rare variants using the UK10K haplotype reference panel. Nature Communications, 2015, 6, 8111. | 12.8 | 300 |
| 121 | Mendelian randomisation applied to drug development in cardiovascular disease: a review. Journal of Medical Genetics, 2015, 52, 71-79. | 3.2 | 52 |
| 122 | Gene-gene and gene-environment interactions detected by transcriptome sequence analysis in twins. Nature Genetics, 2015, 47, 88-91. | 21.4 | 215 |
| 123 | Vitamin D and Risk of Multiple Sclerosis: A Mendelian Randomization Study. PLoS Medicine, 2015, 12, e1001866. | 8.4 | 380 |
| 124 | The Causal Effect of Vitamin D Binding Protein (DBP) Levels on Calcemic and Cardiometabolic Diseases: A Mendelian Randomization Study. PLoS Medicine, 2014, 11, e1001751. | 8.4 | 62 |
| 125 | A genome-wide copy number association study of osteoporotic fractures points to the 6p25.1 locus. Journal of Medical Genetics, 2014, 51, 122-131. | 3.2 | 36 |
| 126 | Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. PLoS Genetics, 2014, 10, e1004123. | 3.5 | 150 |

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|---|---|---|---|
| 127 | In Healthy Adults, Biological Activity of Vitamin D, as Assessed by Serum PTH, Is Largely Independent of DBP Concentrations. Journal of Bone and Mineral Research, 2014, 29, 494-499. | 2.8 | 42 |
| 128 | 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. | 2.9 | 90 |
| 129 | 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. | 0.6 | 185 |
| 130 | Genome-wide association study for radiographic vertebral fractures: A potential role for the 16q24 BMD locus. Bone, 2014, 59, 20-27. | 2.9 | 32 |
| 131 | Pleiotropic genes for metabolic syndrome and inflammation. Molecular Genetics and Metabolism, 2014, 112, 317-338. | 1.1 | 107 |
| 132 | An atlas of genetic influences on human blood metabolites. Nature Genetics, 2014, 46, 543-550. | 21.4 | 1,084 |
| 133 | Somatic point mutations occurring early in development: a monozygotic twin study. Journal of Medical Genetics, 2014, 51, 28-34. | 3.2 | 73 |
| 134 | A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. Nature Communications, 2014, 5, 4871. | 12.8 | 62 |
| 135 | Expression of Phosphofructokinase in Skeletal Muscle Is Influenced by Genetic Variation and Associated With Insulin Sensitivity. Diabetes, 2014, 63, 1154-1165. | 0.6 | 41 |
| 136 | Genetic interactions affecting human gene expression identified by variance association mapping. ELife, 2014, 3, e01381. | 6.0 | 137 |
| 137 | Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. Bone, 2014, 59, 20-7. | 2.9 | 17 |
| 138 | The shared allelic architecture of adiponectin levels and coronary artery disease. Atherosclerosis, 2013, 229, 145-148. | 0.8 | 30 |
| 139 | Reply to Rational drug repositioning by medical genetics. Nature Biotechnology, 2013, 31, 1082-1082. | 17.5 | 4 |
| 140 | Androgenetic Alopecia: Identification of Four Genetic Risk Loci and Evidence for the Contribution of WNT Signaling to Its Etiology. Journal of Investigative Dermatology, 2013, 133, 1489-1496. | 0.7 | 83 |
| 141 | Meta-analysis of genome-wide studies identifies WNT16 and ESR1 SNPs associated with bone mineral density in premenopausal women. Journal of Bone and Mineral Research, 2013, 28, 547-558. | 2.8 | 87 |
| 142 | Genetic Regulation of Vitamin D Levels. Calcified Tissue International, 2013, 92, 106-117. | 3.1 | 71 |
| 143 | Empirical power of very rare variants for common traits and disease: results from sanger sequencing 1998 individuals. European Journal of Human Genetics, 2013, 21, 1027-1030. | 2.8 | 11 |
| 144 | Causal Relationship between Obesity and Vitamin D Status: Bi-Directional Mendelian Randomization Analysis of Multiple Cohorts. PLoS Medicine, 2013, 10, e1001383. | 8.4 | 753 |

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|---|---|---|---|
| 145 | A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. PLoS Genetics, 2013, 9, e1003266. | 3.5 | 194 |
| 146 | An Assessment of the Shared Allelic Architecture between Type II Diabetes and Prostate Cancer. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 1473-1475. | 2.5 | 6 |
| 147 | Adjusted Sequence Kernel Association Test for Rare Variants Controlling for Cryptic and Family Relatedness. Genetic Epidemiology, 2013, 37, 366-376. | 1.3 | 50 |
| 148 | Meta-analysis of genome-wide studies identifiesMEF2CSNPs associated with bone mineral density at forearm. Journal of Medical Genetics, 2013, 50, 473-478. | 3.2 | 22 |
| 149 | Mendelian Randomization Studies Do Not Support a Causal Role for Reduced Circulating Adiponectin Levels in Insulin Resistance and Type 2 Diabetes. Diabetes, 2013, 62, 3589-3598. | 0.6 | 116 |
| 150 | Imputation of Variants from the 1000 Genomes Project Modestly Improves Known Associations and Can Identify Low-frequency Variant - Phenotype Associations Undetected by HapMap Based Imputation. PLoS ONE, 2013, 8, e64343. | 2.5 | 61 |
| 151 | The Empirical Power of Rare Variant Association Methods: Results from Sanger Sequencing in 1,998 Individuals. PLoS Genetics, 2012, 8, e1002496. | 3.5 | 98 |
| 152 | Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. PLoS Genetics, 2012, 8, e1002607. | 3.5 | 419 |
| 153 | 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. | 3.5 | 142 |
| 154 | WNT16 Influences Bone Mineral Density, Cortical Bone Thickness, Bone Strength, and Osteoporotic Fracture Risk. PLoS Genetics, 2012, 8, e1002745. | 3.5 | 240 |
| 155 | Six Novel Susceptibility Loci for Early-Onset Androgenetic Alopecia and Their Unexpected Association with Common Diseases. PLoS Genetics, 2012, 8, e1002746. | 3.5 | 92 |
| 156 | Effect of Genome-Wide Genotyping and Reference Panels on Rare Variants Imputation. Journal of Genetics and Genomics, 2012, 39, 545-550. | 3.9 | 40 |
| 157 | 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. | 21.4 | 1,100 |
| 158 | Assessment of gene-by-sex interaction effect on bone mineral density. Journal of Bone and Mineral Research, 2012, 27, 2051-2064. | 2.8 | 47 |
| 159 | Common variants in genes encoding adiponectin (ADIPOQ) and its receptors (ADIPOR1/2), adiponectin concentrations, and diabetes incidence in the Diabetes Prevention Program. Diabetic Medicine, 2012, 29, 1579-1588. | 2.3 | 27 |
| 160 | Copy number variation of the APC gene is associated with regulation of bone mineral density. Bone, 2012, 51, 939-943. | 2.9 | 15 |
| 161 | Use of genome-wide association studies for drug repositioning. Nature Biotechnology, 2012, 30, 317-320. | 17.5 | 342 |
| 162 | Genetics of osteoporosis from genome-wide association studies: advances and challenges. Nature Reviews Genetics, 2012, 13, 576-588. | 16.3 | 269 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Temporal trends and determinants of longitudinal change in 25-hydroxyvitamin D and parathyroid hormone levels. Journal of Bone and Mineral Research, 2012, 27, 1381-1389. | 2.8 | 66 |
| 164 | Multiple Regression Methods Show Great Potential for Rare Variant Association Tests. PLoS ONE, 2012, 7, e41694. | 2.5 | 18 |
| 165 | Insights into the genetics of osteoporosis from recent genome-wide association studies. Expert Reviews in Molecular Medicine, 2011, 13, e28. | 3.9 | 30 |
| 166 | Common Genetic Determinants of Vitamin D Insufficiency: A Genome-Wide Association Study. Obstetrical and Gynecological Survey, 2011, 66, 91-93. | 0.4 | 0 |
| 167 | 25-Hydroxyvitamin D in Canadian adults: biological, environmental, and behavioral correlates. Osteoporosis International, 2011, 22, 1389-1399. | 3.1 | 138 |
| 168 | Genome-Wide Association Study Using Extreme Truncate Selection Identifies Novel Genes Affecting Bone Mineral Density and Fracture Risk. PLoS Genetics, 2011, 7, e1001372. | 3.5 | 233 |
| 169 | The Use of Genome-Wide eQTL Associations in Lymphoblastoid Cell Lines to Identify Novel Genetic Pathways Involved in Complex Traits. PLoS ONE, 2011, 6, e22070. | 2.5 | 36 |
| 170 | Association of JAG1 with Bone Mineral Density and Osteoporotic Fractures: A Genome-wide Association Study and Follow-up Replication Studies. American Journal of Human Genetics, 2010, 86, 229-239. | 6.2 | 188 |
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