

Frank Dudbridge

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

27,551
citations

20797

60
h-index

7152

153
g-index

185
all docs

185
docs citations

185
times ranked

34430
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994. | 9.4 | 2,067 |
| 2 | Genome-wide association analysis identifies 13 new risk loci for schizophrenia. <i>Nature Genetics</i> , 2013, 45, 1150-1159. | 9.4 | 1,395 |
| 3 | Power and Predictive Accuracy of Polygenic Risk Scores. <i>PLoS Genetics</i> , 2013, 9, e1003348. | 1.5 | 1,238 |
| 4 | Haplotype tagging for the identification of common disease genes. <i>Nature Genetics</i> , 2001, 29, 233-237. | 9.4 | 1,118 |
| 5 | Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592. | 2.6 | 1,098 |
| 6 | Pedigree disequilibrium tests for multilocus haplotypes. <i>Genetic Epidemiology</i> , 2003, 25, 115-121. | 0.6 | 1,094 |
| 7 | Common variants on chromosome 6p22.1 are associated with schizophrenia. <i>Nature</i> , 2009, 460, 753-757. | 13.7 | 1,063 |
| 8 | Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508. | 13.7 | 929 |
| 9 | The interleukin-6 receptor as a target for prevention of coronary heart disease: a mendelian randomisation analysis. <i>Lancet</i> , The, 2012, 379, 1214-1224. | 6.3 | 886 |
| 10 | Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35. | 9.4 | 838 |
| 11 | Guidelines for performing Mendelian randomization investigations. <i>Wellcome Open Research</i> , 2019, 4, 186. | 0.9 | 661 |
| 12 | Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16. | 13.5 | 623 |
| 13 | Estimation of significance thresholds for genomewide association scans. <i>Genetic Epidemiology</i> , 2008, 32, 227-234. | 0.6 | 618 |
| 14 | Combining information on multiple instrumental variables in Mendelian randomization: comparison of allele score and summarized data methods. <i>Statistics in Medicine</i> , 2016, 35, 1880-1906. | 0.8 | 593 |
| 15 | Research Review: Polygenic methods and their application to psychiatric traits. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1068-1087. | 3.1 | 578 |
| 16 | Likelihood-Based Association Analysis for Nuclear Families and Unrelated Subjects with Missing Genotype Data. <i>Human Heredity</i> , 2008, 66, 87-98. | 0.4 | 570 |
| 17 | Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. <i>American Journal of Human Genetics</i> , 2014, 95, 535-552. | 2.6 | 569 |
| 18 | Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015, 36, 539-550. | 1.0 | 567 |

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|----|---|-----|-----------|
| 19 | HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. <i>Lancet, The</i> , 2015, 385, 351-361. | 6.3 | 562 |
| 20 | Genomic Risk Prediction of Coronary Artery Disease in 480,000 Adults. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1883-1893. | 1.2 | 557 |
| 21 | Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014, 349, g4164-g4164. | 3.0 | 528 |
| 22 | Guidelines for performing Mendelian randomization investigations. <i>Wellcome Open Research</i> , 2019, 4, 186. | 0.9 | 511 |
| 23 | Prediction of Breast Cancer Risk Based on Profiling With Common Genetic Variants. <i>Journal of the National Cancer Institute</i> , 2015, 107, . | 3.0 | 428 |
| 24 | Copy Number Variants in Schizophrenia: Confirmation of Five Previous Findings and New Evidence for 3q29 Microdeletions and VIPR2 Duplications. <i>American Journal of Psychiatry</i> , 2011, 168, 302-316. | 4.0 | 398 |
| 25 | Re: "Multivariable Mendelian Randomization: The Use of Pleiotropic Genetic Variants to Estimate Causal Effects" <i>American Journal of Epidemiology</i> , 2015, 181, 290-291. | 1.6 | 377 |
| 26 | New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019, 51, 481-493. | 9.4 | 350 |
| 27 | Causal Associations of Adiposity and Body Fat Distribution With Coronary Heart Disease, Stroke Subtypes, and Type 2 Diabetes Mellitus. <i>Circulation</i> , 2017, 135, 2373-2388. | 1.6 | 304 |
| 28 | Using genetic data to strengthen causal inference in observational research. <i>Nature Reviews Genetics</i> , 2018, 19, 566-580. | 7.7 | 298 |
| 29 | Joint Analysis of Psychiatric Disorders Increases Accuracy of Risk Prediction for Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. <i>American Journal of Human Genetics</i> , 2015, 96, 283-294. | 2.6 | 225 |
| 30 | Unbiased analysis of potential targets of breast cancer susceptibility loci by Capture Hi-C. <i>Genome Research</i> , 2014, 24, 1854-1868. | 2.4 | 219 |
| 31 | A HaemAtlas: characterizing gene expression in differentiated human blood cells. <i>Blood</i> , 2009, 113, e1-e9. | 0.6 | 215 |
| 32 | A Fast Method that Uses Polygenic Scores to Estimate the Variance Explained by Genome-wide Marker Panels and the Proportion of Variants Affecting a Trait. <i>American Journal of Human Genetics</i> , 2015, 97, 250-259. | 2.6 | 212 |
| 33 | Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. <i>Nature Genetics</i> , 2017, 49, 1255-1260. | 9.4 | 205 |
| 34 | What role for genetics in the prediction of multiple sclerosis?. <i>Annals of Neurology</i> , 2010, 67, 3-10. | 2.8 | 196 |
| 35 | Polygenic Epidemiology. <i>Genetic Epidemiology</i> , 2016, 40, 268-272. | 0.6 | 160 |
| 36 | Efficient Computation of Significance Levels for Multiple Associations in Large Studies of Correlated Data, Including Genomewide Association Studies. <i>American Journal of Human Genetics</i> , 2004, 75, 424-435. | 2.6 | 154 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Comparative gene expression profiling of in vitro differentiated megakaryocytes and erythroblasts identifies novel activatory and inhibitory platelet membrane proteins. <i>Blood</i> , 2007, 109, 3260-3269. | 0.6 | 153 |
| 38 | Estimation of a significance threshold for epigenome-wide association studies. <i>Genetic Epidemiology</i> , 2018, 42, 20-33. | 0.6 | 133 |
| 39 | A functional genomics approach reveals novel quantitative trait loci associated with platelet signaling pathways. <i>Blood</i> , 2009, 114, 1405-1416. | 0.6 | 131 |
| 40 | Epigenome-based cancer risk prediction: rationale, opportunities and challenges. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 292-309. | 12.5 | 129 |
| 41 | Plasma urate concentration and risk of coronary heart disease: a Mendelian randomisation analysis. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 327-336. | 5.5 | 122 |
| 42 | Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018, 102, 1185-1194. | 2.6 | 119 |
| 43 | Replication analysis identifies TYK2 as a multiple sclerosis susceptibility factor. <i>European Journal of Human Genetics</i> , 2009, 17, 1309-1313. | 1.4 | 115 |
| 44 | Rank truncated product of P-values, with application to genomewide association scans. <i>Genetic Epidemiology</i> , 2003, 25, 360-366. | 0.6 | 113 |
| 45 | Genome-Wide Association Study of Clinical Dimensions of Schizophrenia: Polygenic Effect on Disorganized Symptoms. <i>American Journal of Psychiatry</i> , 2012, 169, 1309-1317. | 4.0 | 112 |
| 46 | Unbiased Application of the Transmission/Disequilibrium Test to Multilocus Haplotypes. <i>American Journal of Human Genetics</i> , 2000, 66, 2009-2012. | 2.6 | 109 |
| 47 | Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. <i>Nature Communications</i> , 2020, 11, 5976. | 5.8 | 102 |
| 48 | Maximizing association statistics over genetic models. <i>Genetic Epidemiology</i> , 2008, 32, 246-254. | 0.6 | 101 |
| 49 | Capture Hi-C identifies putative target genes at 33 breast cancer risk loci. <i>Nature Communications</i> , 2018, 9, 1028. | 5.8 | 98 |
| 50 | Genes of the Class II and Class III Major Histocompatibility Complex Are Associated with Typhoid Fever in Vietnam. <i>Journal of Infectious Diseases</i> , 2001, 183, 261-268. | 1.9 | 95 |
| 51 | Polygenic risk scores in cardiovascular risk prediction: A cohort study and modelling analyses. <i>PLoS Medicine</i> , 2021, 18, e1003498. | 3.9 | 95 |
| 52 | Adult height, coronary heart disease and stroke: a multi-locus Mendelian randomization meta-analysis. <i>International Journal of Epidemiology</i> , 2016, 45, 1927-1937. | 0.9 | 94 |
| 53 | Sixty-Five Common Genetic Variants and Prediction of Type 2 Diabetes. <i>Diabetes</i> , 2015, 64, 1830-1840. | 0.3 | 91 |
| 54 | Transcription profiling in human platelets reveals LRRFIP1 as a novel protein regulating platelet function. <i>Blood</i> , 2010, 116, 4646-4656. | 0.6 | 90 |

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|----|---|-----|-----------|
| 55 | Adjustment for index event bias in genome-wide association studies of subsequent events. <i>Nature Communications</i> , 2019, 10, 1561. | 5.8 | 87 |
| 56 | Robust methods in Mendelian randomization via penalization of heterogeneous causal estimates. <i>PLoS ONE</i> , 2019, 14, e0222362. | 1.1 | 80 |
| 57 | Gene-Environment Dependence Creates Spurious Gene-Environment Interaction. <i>American Journal of Human Genetics</i> , 2014, 95, 301-307. | 2.6 | 79 |
| 58 | Whole-genome sequence-based analysis of thyroid function. <i>Nature Communications</i> , 2015, 6, 5681. | 5.8 | 75 |
| 59 | Genome-wide analysis of adolescent psychotic-like experiences shows genetic overlap with psychiatric disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018, 177, 416-425. | 1.1 | 74 |
| 60 | Functional genomics in zebrafish permits rapid characterization of novel platelet membrane proteins. <i>Blood</i> , 2009, 113, 4754-4762. | 0.6 | 69 |
| 61 | Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020, 8, 696-708. | 5.2 | 69 |
| 62 | Clonal architecture in mesothelioma is prognostic and shapes the tumour microenvironment. <i>Nature Communications</i> , 2021, 12, 1751. | 5.8 | 66 |
| 63 | Fractal block coding of images. <i>Electronics Letters</i> , 1992, 28, 1053-1055. | 0.5 | 65 |
| 64 | Multi-Polygenic Score Approach to Identifying Individual Vulnerabilities Associated With the Risk of Exposure to Bullying. <i>JAMA Psychiatry</i> , 2019, 76, 730. | 6.0 | 65 |
| 65 | Genetic association studies in pre-eclampsia: systematic meta-analyses and field synopsis. <i>International Journal of Epidemiology</i> , 2012, 41, 1764-1775. | 0.9 | 62 |
| 66 | Genome-Wide Association Study of Multiplex Schizophrenia Pedigrees. <i>American Journal of Psychiatry</i> , 2012, 169, 963-973. | 4.0 | 61 |
| 67 | Polymorphisms in <i>BDNF</i> (Val66Met) and <i>5-HTTLPR</i> , morning cortisol and subsequent depression in at-risk adolescents. <i>British Journal of Psychiatry</i> , 2010, 197, 365-371. | 1.7 | 60 |
| 68 | A rare variant of the <i>TYK2</i> gene is confirmed to be associated with multiple sclerosis. <i>European Journal of Human Genetics</i> , 2010, 18, 502-504. | 1.4 | 60 |
| 69 | Linkage and potential association of obesity-related phenotypes with two genes on chromosome 12q24 in a female dizygous twin cohort. <i>European Journal of Human Genetics</i> , 2006, 14, 340-348. | 1.4 | 59 |
| 70 | Testing for non-linear causal effects using a binary genotype in a Mendelian randomization study: application to alcohol and cardiovascular traits. <i>International Journal of Epidemiology</i> , 2014, 43, 1781-1790. | 0.9 | 57 |
| 71 | Unbiased estimation of odds ratios: combining genomewide association scans with replication studies. <i>Genetic Epidemiology</i> , 2009, 33, 406-418. | 0.6 | 56 |
| 72 | Are Genetic Risk Factors for Psychosis Also Associated with Dimension-Specific Psychotic Experiences in Adolescence?. <i>PLoS ONE</i> , 2014, 9, e94398. | 1.1 | 56 |

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|----|--|-----|-----------|
| 73 | Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. <i>Nature Communications</i> , 2018, 9, 711. | 5.8 | 54 |
| 74 | New data and an old puzzle: the negative association between schizophrenia and rheumatoid arthritis. <i>International Journal of Epidemiology</i> , 2015, 44, 1706-1721. | 0.9 | 53 |
| 75 | Evaluation of Nyholt's Procedure for Multiple Testing Correction. <i>Human Heredity</i> , 2005, 60, 19-25. | 0.4 | 45 |
| 76 | Linkage and association mapping of the LRP5 locus on chromosome 11q13 in type 1 diabetes. <i>Human Genetics</i> , 2003, 113, 99-105. | 1.8 | 44 |
| 77 | Genome-wide association study using family-based cohorts identifies the WLS and CCDC170/ESR1 loci as associated with bone mineral density. <i>BMC Genomics</i> , 2016, 17, 136. | 1.2 | 44 |
| 78 | Genetic Variants at Chromosomes 2q35, 5p12, 6q25.1, 10q26.13, and 16q12.1 Influence the Risk of Breast Cancer in Men. <i>PLoS Genetics</i> , 2011, 7, e1002290. | 1.5 | 43 |
| 79 | Expression Quantitative Trait Locus Study of Bone Mineral Density GWAS Variants in Human Osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1044-1051. | 3.1 | 43 |
| 80 | Comparison of Methods for Competitive Tests of Pathway Analysis. <i>PLoS ONE</i> , 2012, 7, e41018. | 1.1 | 40 |
| 81 | Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. <i>Human Molecular Genetics</i> , 2015, 24, 2966-2984. | 1.4 | 40 |
| 82 | Typhoid Fever and Genetic Polymorphisms at the Natural Resistance-Associated Macrophage Protein 1. <i>Journal of Infectious Diseases</i> , 2001, 183, 1156-1160. | 1.9 | 39 |
| 83 | Detecting multiple associations in genome-wide studies. <i>Human Genomics</i> , 2006, 2, 310. | 1.4 | 39 |
| 84 | Population Genomics of Cardiometabolic Traits: Design of the University College London-London School of Hygiene and Tropical Medicine-Edinburgh-Bristol (UCLEB) Consortium. <i>PLoS ONE</i> , 2013, 8, e71345. | 1.1 | 39 |
| 85 | Identification of a Role for the ARHGEF3 Gene in Postmenopausal Osteoporosis. <i>American Journal of Human Genetics</i> , 2008, 82, 1262-1269. | 2.6 | 38 |
| 86 | Retrospective analysis of the quality of reports by author-suggested and non-author-suggested reviewers in journals operating on open or single-blind peer review models. <i>BMJ Open</i> , 2015, 5, e008707. | 0.8 | 38 |
| 87 | Robust genetic nurture effects on education: A systematic review and meta-analysis based on 38,654 families across 8 cohorts. <i>American Journal of Human Genetics</i> , 2021, 108, 1780-1791. | 2.6 | 38 |
| 88 | Candidate genes for obesity-susceptibility show enriched association within a large genome-wide association study for BMI. <i>Human Molecular Genetics</i> , 2012, 21, 4537-4542. | 1.4 | 36 |
| 89 | Characterisation of genetic regulatory effects for osteoporosis risk variants in human osteoclasts. <i>Genome Biology</i> , 2020, 21, 80. | 3.8 | 36 |
| 90 | Rendering algorithms for deterministic fractals. <i>IEEE Computer Graphics and Applications</i> , 1995, 15, 32-41. | 1.0 | 33 |

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|-----|--|-----|-----------|
| 91 | Polygenic Mendelian Randomization. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a039586. | 2.9 | 33 |
| 92 | 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. | 1.4 | 32 |
| 93 | Predictive accuracy of combined genetic and environmental risk scores. Genetic Epidemiology, 2018, 42, 4-19. | 0.6 | 32 |
| 94 | A flexible and parallelizable approach to genome-wide polygenic risk scores. Genetic Epidemiology, 2019, 43, 730-741. | 0.6 | 32 |
| 95 | Heritability of Individual Psychotic Experiences Captured by Common Genetic Variants in a Community Sample of Adolescents. Behavior Genetics, 2015, 45, 493-502. | 1.4 | 31 |
| 96 | Association of Common Genetic Variants with Lipid Traits in the Indian Population. PLoS ONE, 2014, 9, e101688. | 1.1 | 31 |
| 97 | Genetic sensitivity analysis: Adjusting for genetic confounding in epidemiological associations. PLoS Genetics, 2021, 17, e1009590. | 1.5 | 30 |
| 98 | A robust method for collider bias correction in conditional genome-wide association studies. Nature Communications, 2022, 13, 619. | 5.8 | 29 |
| 99 | Cytochrome P450 Allele <i>CYP3A7*1C</i> Associates with Adverse Outcomes in Chronic Lymphocytic Leukemia, Breast, and Lung Cancer. Cancer Research, 2016, 76, 1485-1493. | 0.4 | 28 |
| 100 | Impact of Selection Bias on Estimation of Subsequent Event Risk. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 28 |
| 101 | Marginal role for 53 common genetic variants in cardiovascular disease prediction. Heart, 2016, 102, 1640-1647. | 1.2 | 27 |
| 102 | Association of pre-eclampsia risk with maternal levels of folate, homocysteine and vitamin B12 in Colombia: A case-control study. PLoS ONE, 2018, 13, e0208137. | 1.1 | 27 |
| 103 | A Note on Permutation Tests in Multistage Association Scans. American Journal of Human Genetics, 2006, 78, 1094-1095. | 2.6 | 26 |
| 104 | A General Framework for Two-Stage Analysis of Genome-wide Association Studies and Its Application to Case-Control Studies. American Journal of Human Genetics, 2012, 90, 760-773. | 2.6 | 25 |
| 105 | Mortality risk comparing walking pace to handgrip strength and a healthy lifestyle: A UK Biobank study. European Journal of Preventive Cardiology, 2021, 28, 704-712. | 0.8 | 25 |
| 106 | A genome-wide association study of asthma symptoms in Latin American children. BMC Genetics, 2015, 16, 141. | 2.7 | 24 |
| 107 | A survey of current software for linkage analysis. Human Genomics, 2003, 1, 63. | 1.4 | 23 |
| 108 | Pelican: pedigree editor for linkage computer analysis. Bioinformatics, 2004, 20, 2327-2328. | 1.8 | 23 |

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|-----|--|-----|-----------|
| 109 | Genetic regulatory mechanisms in human osteoclasts suggest a role for the STMP1 and DCSTAMP genes in Paget's disease of bone. <i>Scientific Reports</i> , 2019, 9, 1052. | 1.6 | 23 |
| 110 | Polygenic risk scores for coronary artery disease and subsequent event risk amongst established cases. <i>Human Molecular Genetics</i> , 2020, 29, 1388-1395. | 1.4 | 23 |
| 111 | Research Review: How to interpret associations between polygenic scores, environmental risks, and phenotypes. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1125-1139. | 3.1 | 23 |
| 112 | Further genetic evidence suggesting a role for the RhoGTPase-RhoGEF pathway in osteoporosis. <i>Bone</i> , 2009, 45, 387-391. | 1.4 | 22 |
| 113 | Exploration of a Polygenic Risk Score for Alcohol Consumption: A Longitudinal Analysis from the ALSPAC Cohort. <i>PLoS ONE</i> , 2016, 11, e0167360. | 1.1 | 22 |
| 114 | Interaction of Cigarette Smoking and Polygenic Risk Score on Reduced Lung Function. <i>JAMA Network Open</i> , 2021, 4, e2139525. | 2.8 | 22 |
| 115 | Common Sequence Variation in <i>FLNB</i> Regulates Bone Structure in Women in the General Population and <i>FLNB</i> mRNA Expression in Osteoblasts In Vitro. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1989-1997. | 3.1 | 21 |
| 116 | Are your covariates under control? How normalization can re-introduce covariate effects. <i>European Journal of Human Genetics</i> , 2018, 26, 1194-1201. | 1.4 | 21 |
| 117 | Genome-wide association study of self-reported walking pace suggests beneficial effects of brisk walking on health and survival. <i>Communications Biology</i> , 2020, 3, 634. | 2.0 | 21 |
| 118 | The WID-BC-index identifies women with primary poor prognostic breast cancer based on DNA methylation in cervical samples. <i>Nature Communications</i> , 2022, 13, 449. | 5.8 | 21 |
| 119 | Genetic Prediction of Quantitative Lipid Traits: Comparing Shrinkage Models to Gene Scores. <i>Genetic Epidemiology</i> , 2014, 38, 72-83. | 0.6 | 19 |
| 120 | Genetic overlap and causal associations between smoking behaviours and mental health. <i>Scientific Reports</i> , 2021, 11, 14871. | 1.6 | 19 |
| 121 | 9q31.2-rs865686 as a Susceptibility Locus for Estrogen Receptor-Positive Breast Cancer: Evidence from the Breast Cancer Association Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1783-1791. | 1.1 | 17 |
| 122 | Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002470. | 1.6 | 17 |
| 123 | Proportion of Idiopathic Pulmonary Fibrosis Risk Explained by Known Common Genetic Loci in European Populations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 775-778. | 2.5 | 17 |
| 124 | Are there causal relationships between attention-deficit/hyperactivity disorder and body mass index? Evidence from multiple genetically informed designs. <i>International Journal of Epidemiology</i> , 2021, 50, 496-509. | 0.9 | 16 |
| 125 | Exploiting collider bias to apply two-sample summary data Mendelian randomization methods to one-sample individual level data. <i>PLoS Genetics</i> , 2021, 17, e1009703. | 1.5 | 16 |
| 126 | Family history of pre-eclampsia and cardiovascular disease as risk factors for pre-eclampsia: the GenPE case-control study. <i>Hypertension in Pregnancy</i> , 2020, 39, 56-63. | 0.5 | 15 |

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|-----|--|-----|-----------|
| 127 | Genetic overlap between psychotic experiences in the community across age and with psychiatric disorders. <i>Translational Psychiatry</i> , 2020, 10, 86. | 2.4 | 15 |
| 128 | Genetic variation at CYP3A is associated with age at menarche and breast cancer risk: a case-control study. <i>Breast Cancer Research</i> , 2014, 16, R51. | 2.2 | 14 |
| 129 | Accuracy of Gene Scores when Pruning Markers by Linkage Disequilibrium. <i>Human Heredity</i> , 2015, 80, 178-186. | 0.4 | 14 |
| 130 | Mendelian Randomisation study of the influence of eGFR on coronary heart disease. <i>Scientific Reports</i> , 2016, 6, 28514. | 1.6 | 14 |
| 131 | RNA sequencing of identical twins discordant for autism reveals blood-based signatures implicating immune and transcriptional dysregulation. <i>Molecular Autism</i> , 2019, 10, 38. | 2.6 | 14 |
| 132 | Epigenome-Wide Association Study of Thyroid Function Traits Identifies Novel Associations of fT3 With <i>KLF9</i> and <i>DOT1L</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2191-e2202. | 1.8 | 14 |
| 133 | Candidate gene-environment interactions in breast cancer. <i>BMC Medicine</i> , 2014, 12, 195. | 2.3 | 12 |
| 134 | Utilising Family-Based Designs for Detecting Rare Variant Disease Associations. <i>Annals of Human Genetics</i> , 2014, 78, 129-140. | 0.3 | 12 |
| 135 | Association between Protective and Deleterious HLA Alleles with Multiple Sclerosis in Central East Sardinia. <i>PLoS ONE</i> , 2009, 4, e6526. | 1.1 | 12 |
| 136 | A Flexible Model for Association Analysis in Sibships with Missing Genotype Data. <i>Annals of Human Genetics</i> , 2011, 75, 428-438. | 0.3 | 11 |
| 137 | Two novel pathway analysis methods based on a hierarchical model. <i>Bioinformatics</i> , 2014, 30, 690-697. | 1.8 | 11 |
| 138 | Replication of Newly Identified Genetic Associations Between Abdominal Aortic Aneurysm and SMYD2, LINC00540, PCIF1/MMP9/ZNF335, and ERG. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 92-97. | 0.8 | 11 |
| 139 | Association of Factor V Leiden With Subsequent Atherothrombotic Events. <i>Circulation</i> , 2020, 142, 546-555. | 1.6 | 11 |
| 140 | Identifying high-confidence capture Hi-C interactions using CHiCANE. <i>Nature Protocols</i> , 2021, 16, 2257-2285. | 5.5 | 11 |
| 141 | Evaluation of seven common lipid associated loci in a large Indian sib pair study. <i>Lipids in Health and Disease</i> , 2012, 11, 155. | 1.2 | 9 |
| 142 | Conditional testing of multiple variants associated with bone mineral density in the FLNB gene region suggests that they represent a single association signal. <i>BMC Genetics</i> , 2013, 14, 107. | 2.7 | 8 |
| 143 | Criteria for evaluating risk prediction of multiple outcomes. <i>Statistical Methods in Medical Research</i> , 2020, 29, 3492-3510. | 0.7 | 8 |
| 144 | Causal relationships between lipid and glycemic levels in an Indian population: A bidirectional Mendelian randomization approach. <i>PLoS ONE</i> , 2020, 15, e0228269. | 1.1 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Comparison of multimer logistic regression models, with application to a genomewide scan of schizophrenia. <i>BMC Genetics</i> , 2010, 11, 80. | 2.7 | 7 |
| 146 | Commentary: Tobacco consumption and body weight: Mendelian randomization across a range of exposure. <i>International Journal of Epidemiology</i> , 2016, 45, e1-e3. | 0.9 | 7 |
| 147 | Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer. <i>Cancer Causes and Control</i> , 2022, 33, 631-652. | 0.8 | 7 |
| 148 | Adjusting for collider bias in genetic association studies using instrumental variable methods. <i>Genetic Epidemiology</i> , 2022, 46, 303-316. | 0.6 | 7 |
| 149 | Estimating Causal Effects of Genetic Risk Variants for Breast Cancer Using Marker Data from Bilateral and Familial Cases. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 262-272. | 1.1 | 6 |
| 150 | Re. <i>Epidemiology</i> , 2016, 27, e12. | 1.2 | 6 |
| 151 | Mendelian randomisation of eosinophils and other cell types in relation to lung function and disease. <i>Thorax</i> , 2023, 78, 496-503. | 2.7 | 6 |
| 152 | How many cases of disease in a pedigree imply familial disease?. <i>Annals of Human Genetics</i> , 2018, 82, 109-113. | 0.3 | 5 |
| 153 | Genome-wide analysis of thyroid function in Australian adolescents highlights SERPINA7 and NCOA3. <i>European Journal of Endocrinology</i> , 2021, 185, 743-753. | 1.9 | 5 |
| 154 | Application of the Optimal Discovery Procedure to Genetic Case-Control Studies: Comparison with p Values and Asymptotic Bayes Factors. <i>Human Heredity</i> , 2011, 71, 37-49. | 0.4 | 1 |
| 155 | Editorial: Fractal Image Encoding and Analysis. <i>Fractals</i> , 1997, 05, 1-2. | 1.8 | 0 |
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