# Daniel R Barnes

List of Publications by Year
in descending order



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|---|---|---|---|
| 46 papers | 6,397 citations | 201674 27 h-index | 214800 47 g-index |
| 54 all docs | 54 docs citations | 54 times ranked | 13546 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Risks of Breast, Ovarian, and Contralateral Breast Cancer for BRCA1 and BRCA2 Mutation Carriers. JAMA - Journal of the American Medical Association, 2017, 317, 2402. | 7.4 | 1,898 |
| 2 | A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669. | 21.4 | 762 |
| 3 | Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. Diabetes, 2010, 59, 3229-3239. | 0.6 | 387 |
| 4 | Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. Diabetes, 2011, 60, 2624-2634. | 0.6 | 335 |
| 5 | Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer. Nature Genetics, 2017, 49, 1767-1778. | 21.4 | 289 |
| 6 | Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. Nature Genetics, 2020, 52, 572-581. | 21.4 | 265 |
| 7 | Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161. | 21.4 | 261 |
| 8 | Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. Nature Genetics, 2017, 49, 1113-1119. | 21.4 | 260 |
| 9 | Functional Variants at the 11q13 Risk Locus for Breast Cancer Regulate Cyclin D1 Expression through Long-Range Enhancers. American Journal of Human Genetics, 2013, 92, 489-503. | 6.2 | 201 |
| 10 | Exome Sequencing Identifies Rare Deleterious Mutations in DNA Repair Genes FANCC and BLM as Potential Breast Cancer Susceptibility Alleles. PLoS Genetics, 2012, 8, e1002894. | 3.5 | 186 |
| 11 | Tumour risks and genotypeâ€“phenotype correlations associated with germline variants in succinate dehydrogenase subunit genes SDHB, SDHC and SDHD. Journal of Medical Genetics, 2018, 55, 384-394. | 3.2 | 177 |
| 12 | Fine-mapping of 150 breast cancer risk regions identifies 191 likely target genes. Nature Genetics, 2020, 52, 56-73. | 21.4 | 120 |
| 13 | Genome-wide association and transcriptome studies identify target genes and risk loci for breast cancer. Nature Communications, 2019, 10, 1741. | 12.8 | 90 |
| 14 | No evidence for a causal link between uric acid and type 2 diabetes: a Mendelian randomisation approach. Diabetologia, 2011, 54, 2561-2569. | 6.3 | 89 |
| 15 | Shared heritability and functional enrichment across six solid cancers. Nature Communications, 2019, 10, 431. | 12.8 | 88 |
| 16 | Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409. | 7.9 | 83 |
| 17 | Polygenic risk scores and breast and epithelial ovarian cancer risks for carriers of BRCA1 and BRCA2 pathogenic variants. Genetics in Medicine, 2020, 22, 1653-1666. | 2.4 | 82 |
| 18 | Meta-analysis of Genome Wide Association Studies Identifies Genetic Markers of Late Toxicity Following Radiotherapy for Prostate Cancer. EBioMedicine, 2016, 10, 150-163. | 6.1 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and AlcoholÂUse. Biological Psychiatry, 2019, 85, 946-955. | 1.3 | 69 |
| 20 | A Transcriptome-Wide Association Study Among 97,898 Women to Identify Candidate Susceptibility Genes for Epithelial Ovarian Cancer Risk. Cancer Research, 2018, 78, 5419-5430. | 0.9 | 54 |
| 21 | Characterization of the Cancer Spectrum in Men With GermlineBRCA1andBRCA2Pathogenic Variants. JAMA Oncology, 2020, 6, 1218. | 7.1 | 48 |
| 22 | Unravelling modifiers of breast and ovarian cancer risk for BRCA1 and BRCA2 mutation carriers: update on genetic modifiers. Journal of Internal Medicine, 2012, 271, 331-343. | 6.0 | 47 |
| 23 | The rs2910164:G>C SNP in the MIR146A gene is not associated with breast cancer risk in BRCA1 and BRCA2 mutation carriers. Human Mutation, 2011, 32, 1004-1007. | 2.5 | 39 |
| 24 | Association of Genomic Domains in BRCA1 and BRCA2 with Prostate Cancer Risk and Aggressiveness. Cancer Research, 2020, 80, 624-638. | 0.9 | 39 |
| 25 | RNF168 regulates R-loop resolution and genomic stability in BRCA1/2-deficient tumors. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 38 |
| 26 | Evaluation of Association Methods for Analysing Modifiers of Disease Risk in Carriers of Highâ€Risk Mutations. Genetic Epidemiology, 2012, 36, 274-291. | 1.3 | 37 |
| 27 | Transcriptomeâ€wide association study of breast cancer risk by estrogenâ€receptor status. Genetic Epidemiology, 2020, 44, 442-468. | 1.3 | 32 |
| 28 | Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. Diabetes, 2012, 61, 2176-2186. | 0.6 | 31 |
| 29 | The FANCM:p.Arg658* truncating variant is associated with risk of triple-negative breast cancer. Npj Breast Cancer, 2019, 5, 38. | 5.2 | 28 |
| 30 | Chromatin interactome mapping at 139 independent breast cancer risk signals. Genome Biology, 2020, 21, 8. | 8.8 | 27 |
| 31 | No Interactions Between Previously Associated 2-Hour Glucose Gene Variants and Physical Activity or BMI on 2-Hour Glucose Levels. Diabetes, 2012, 61, 1291-1296. | 0.6 | 23 |
| 32 | Exome array analysis identifies ETFB as a novel susceptibility gene for anthracycline-induced cardiotoxicity in cancer patients. Breast Cancer Research and Treatment, 2018, 167, 249-256. | 2.5 | 23 |
| 33 | Polygenic risk modeling for prediction of epithelial ovarian cancer risk. European Journal of Human Genetics, 2022, 30, 349-362. | 2.8 | 23 |
| 34 | Exome array analysis identifies GPR35 as a novel susceptibility gene for anthracycline-induced cardiotoxicity in childhood cancer. Pharmacogenetics and Genomics, 2017, 27, 445-453. | 1.5 | 22 |
| 35 | Non-coding RNAs underlie genetic predisposition to breast cancer. Genome Biology, 2020, 21, 7. | 8.8 | 21 |
| 36 | Attenuated familial adenomatous polyposis manifests as autosomal dominant late-onset colorectal cancer. European Journal of Human Genetics, 2014, 22, 1330-1333. | 2.8 | 20 |

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|---|---|---|---|
| 37 | A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. Nature Communications, 2021, 12, 1078. | 12.8 | 19 |
| 38 | Breast and Prostate Cancer Risks for MaleBRCA1andBRCA2Pathogenic Variant Carriers Using Polygenic Risk Scores. Journal of the National Cancer Institute, 2022, 114, 109-122. | 6.3 | 19 |
| 39 | The predictive ability of the 313 variantâ€“based polygenic risk score for contralateral breast cancer risk prediction in women of European ancestry with a heterozygous BRCA1 or BRCA2 pathogenic variant. Genetics in Medicine, 2021, 23, 1726-1737. | 2.4 | 16 |
| 40 | Risks of breast or ovarian cancer in BRCA1 or BRCA2 predictive test negatives: findings from the EMBRACE study. Genetics in Medicine, 2018, 20, 1575-1582. | 2.4 | 15 |
| 41 | Prediction of measured weight from selfâ€reported weight was not improved after stratification by body mass index. Obesity, 2013, 21, E137-42. | 3.0 | 13 |
| 42 | Epidemiology of ATTRV30M neuropathy in Cyprus and the modifier effect of complement C1q on the age of disease onset. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2018, 25, 220-226. | 3.0 | 12 |
| 43 | Altered regulation of BRCA1 exon 11 splicing is associated with breast cancer risk in carriers of BRCA1 pathogenic variants. Human Mutation, 2021, 42, 1488-1502. | 2.5 | 7 |
| 44 | Immune Cell Associations with Cancer Risk. IScience, 2020, 23, 101296. | 4.1 | 6 |
| 45 | Candidate Causal Variants at the 8p12 Breast Cancer Risk Locus Regulate DUSP4. Cancers, 2020, 12, 170. | 3.7 | 6 |
| 46 | Risk of breast or ovarian cancer in family members who do not carry the BRCA1 or BRCA2 family mutation: Findings from the EMBRACE study.. Journal of Clinical Oncology, 2017, 35, 1558-1558. | 1.6 | 0 |