# Kathryn L Lunetta

List of Publications by Year
in descending order



| 264 | 36,294 | 5268 | 4117 |
|---|---|---|---|
| papers | citations | 83 h-index | 175 g-index |

| 292 | 292 | 292 | 40813 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. Nature Genetics, 2013, 45, 1452-1458. | 21.4 | 3,741 |
| 2 | Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430. | 21.4 | 1,962 |
| 3 | Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. Nature Genetics, 2011, 43, 436-441. | 21.4 | 1,676 |
| 4 | Common variants at 30 loci contribute to polygenic dyslipidemia. Nature Genetics, 2009, 41, 56-65. | 21.4 | 1,234 |
| 5 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299. | 27.8 | 1,069 |
| 6 | The neuronal sortilin-related receptor SORL1 is genetically associated with Alzheimer disease. Nature Genetics, 2007, 39, 168-177. | 21.4 | 1,045 |
| 7 | DNA methylation age of blood predicts all-cause mortality in later life. Genome Biology, 2015, 16, 25. | 8.8 | 928 |
| 8 | DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865. | 3.1 | 786 |
| 9 | Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384. | 21.4 | 783 |
| 10 | New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436. | 21.4 | 700 |
| 11 | Mutation spectrum and genotype-phenotype analyses in Cowden disease and Bannayan-Zonana syndrome, two hamartoma syndromes with germline PTEN mutation. Human Molecular Genetics, 1998, 7, 507-515. | 2.9 | 578 |
| 12 | PTEN Mutation Spectrum and Genotype-Phenotype Correlations in Bannayan-Riley-Ruvalcaba Syndrome Suggest a Single Entity With Cowden Syndrome. Human Molecular Genetics, 1999, 8, 1461-1472. | 2.9 | 562 |
| 13 | Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233. | 21.4 | 552 |
| 14 | Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97. | 27.8 | 548 |
| 15 | Meta-analysis identifies six new susceptibility loci for atrial fibrillation. Nature Genetics, 2012, 44, 670-675. | 21.4 | 533 |
| 16 | Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. Circulation: Cardiovascular Genetics, 2009, 2, 73-80. | 5.1 | 519 |
| 17 | Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085. | 21.4 | 445 |
| 18 | Common variants in KCNN3 are associated with lone atrial fibrillation. Nature Genetics, 2010, 42, 240-244. | 21.4 | 438 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841. | 21.4 | 426 |
| 20 | Demonstrating stratification in a European American population. Nature Genetics, 2005, 37, 868-872. | 21.4 | 424 |
| 21 | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814. | 21.4 | 402 |
| 22 | Genome-wide association study of PR interval. Nature Genetics, 2010, 42, 153-159. | 21.4 | 400 |
| 23 | Meta-analysis Confirms CR1, CLU, and PICALM as Alzheimer Disease Risk Loci and Reveals Interactions With APOE Genotypes. Archives of Neurology, 2010, 67, 1473. | 4.5 | 376 |
| 24 | Screening large-scale association study data: exploiting interactions using random forests. BMC Genetics, 2004, 5, 32. | 2.7 | 369 |
| 25 | Variants in ZFHX3 are associated with atrial fibrillation in individuals of European ancestry. Nature Genetics, 2009, 41, 879-881. | 21.4 | 363 |
| 26 | Variants in the ATP-Binding Cassette Transporter (ABCA7), Apolipoprotein E Ïµ4, and the Risk of Late-Onset Alzheimer Disease in African Americans. JAMA - Journal of the American Medical Association, 2013, 309, 1483. | 7.4 | 360 |
| 27 | Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. Nature Genetics, 2015, 47, 1294-1303. | 21.4 | 357 |
| 28 | Identifying SNPs predictive of phenotype using random forests. Genetic Epidemiology, 2005, 28, 171-182. | 1.3 | 321 |
| 29 | Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. Nature Genetics, 2012, 44, 260-268. | 21.4 | 303 |
| 30 | Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631. | 21.4 | 282 |
| 31 | Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952. | 21.4 | 279 |
| 32 | Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. Nature Genetics, 2009, 41, 648-650. | 21.4 | 266 |
| 33 | A novel Alzheimer disease locus located near the gene encoding tau protein. Molecular Psychiatry, 2016, 21, 108-117. | 7.9 | 260 |
| 34 | GWAS of Longevity in CHARGE Consortium Confirms APOE and FOXO3 Candidacy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 110-118. | 3.6 | 250 |
| 35 | Exceptionally low likelihood of Alzheimerâ€™s dementia in APOE2 homozygotes from a 5,000-person neuropathological study. Nature Communications, 2020, 11, 667. | 12.8 | 246 |
| 36 | Genome-wide association with bone mass and geometry in the Framingham Heart Study. BMC Medical Genetics, 2007, 8, S14. | 2.1 | 232 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Lifetime risk of atrial fibrillation according to optimal, borderline, or elevated levels of risk factors: cohort study based on longitudinal data from the Framingham Heart Study. BMJ: British Medical Journal, 2018, 361, k1453. | 2.3 | 232 |
| 38 | A Comprehensive Genetic Association Study of Alzheimer Disease in African Americans. Archives of Neurology, 2011, 68, 1569. | 4.5 | 221 |
| 39 | A meta-analysis of genome-wide association studies identifies multiple longevity genes. Nature Communications, 2019, 10, 3669. | 12.8 | 214 |
| 40 | Testing for Population Subdivision and Association in Four Case-Control Studies. American Journal of Human Genetics, 2002, 71, 304-311. | 6.2 | 210 |
| 41 | Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. Circulation, 2018, 137, 1027-1038. | 1.6 | 196 |
| 42 | Large scale replication and meta-analysis of variants on chromosome 4q25 associated with atrial fibrillation. European Heart Journal, 2008, 30, 813-819. | 2.2 | 193 |
| 43 | Whole exome sequencing study identifies novel rare and common Alzheimerâ€™s-Associated variants involved in immune response and transcriptional regulation. Molecular Psychiatry, 2020, 25, 1859-1875. | 7.9 | 191 |
| 44 | Intergenerational and striatal CAG repeat instability in Huntington's disease knock-in mice involve different DNA repair genes. Neurobiology of Disease, 2009, 33, 37-47. | 4.4 | 189 |
| 45 | Integrating Genetic, Transcriptional, and Functional Analyses to Identify 5 Novel Genes for Atrial Fibrillation. Circulation, 2014, 130, 1225-1235. | 1.6 | 183 |
| 46 | Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397. | 27.8 | 183 |
| 47 | Genetic Determinants of Serum Testosterone Concentrations in Men. PLoS Genetics, 2011, 7, e1002313. | 3.5 | 178 |
| 48 | Assessment of the genetic variance of late-onset Alzheimer's disease. Neurobiology of Aging, 2016, 41, 200.e13-200.e20. | 3.1 | 174 |
| 49 | Convergent genetic and expression data implicate immunity in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 658-671. | 0.8 | 173 |
| 50 | Genetic correlates of longevity and selected age-related phenotypes: a genome-wide association study in the Framingham Study. BMC Medical Genetics, 2007, 8, S13. | 2.1 | 171 |
| 51 | The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. BMC Medical Genetics, 2007, 8, S1. | 2.1 | 169 |
| 52 | Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. JAMA Neurology, 2014, 71, 1394. | 9.0 | 166 |
| 53 | Transethnic genomeâ€wide scan identifies novel Alzheimer's disease loci. Alzheimer's and Dementia, 2017, 13, 727-738. | 0.8 | 166 |
| 54 | Family-Based Tests of Association and Linkage That Use Unaffected Sibs, Covariates, and Interactions. American Journal of Human Genetics, 2000, 66, 605-614. | 6.2 | 163 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Statistical methods for polyploid radiation hybrid mapping.. Genome Research, 1995, 5, 136-150. | 5.5 | 162 |
| 56 | Somatic mitochondrial DNA (mtDNA) mutations in papillary thyroid carcinomas and differential mtDNA sequence variants in cases with thyroid tumours. Oncogene, 2000, 19, 2060-2066. | 5.9 | 160 |
| 57 | Genome-wide association study of offspring birth weight in 86â€‰577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. Human Molecular Genetics, 2018, 27, 742-756. | 2.9 | 156 |
| 58 | The Search for Longevity and Healthy Aging Genes: Insights From Epidemiological Studies and Samples of Long-Lived Individuals. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67A, 470-479. | 3.6 | 155 |
| 59 | Gene-Wide Analysis Detects Two New Susceptibility Genes for Alzheimer's Disease. PLoS ONE, 2014, 9, e94661. | 2.5 | 155 |
| 60 | A Genome-Wide Association Meta-Analysis of Circulating Sex Hormoneâ€“Binding Globulin Reveals Multiple Loci Implicated in Sex Steroid Hormone Regulation. PLoS Genetics, 2012, 8, e1002805. | 3.5 | 151 |
| 61 | GWAS of epigenetic aging rates in blood reveals a critical role for TERT. Nature Communications, 2018, 9, 387. | 12.8 | 151 |
| 62 | APOE genotype and MRI markers of cerebrovascular disease. Neurology, 2013, 81, 292-300. | 1.1 | 149 |
| 63 | A Genome-Wide Association Study of Depressive Symptoms. Biological Psychiatry, 2013, 73, 667-678. | 1.3 | 149 |
| 64 | Novel late-onset Alzheimer disease loci variants associate with brain gene expression. Neurology, 2012, 79, 221-228. | 1.1 | 144 |
| 65 | Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2018, 320, 2354. | 7.4 | 144 |
| 66 | Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel. JAMA Neurology, 2021, 78, 102. | 9.0 | 144 |
| 67 | Relations of Inflammatory Biomarkers and Common Genetic Variants With Arterial Stiffness and Wave Reflection. Hypertension, 2008, 51, 1651-1657. | 2.7 | 141 |
| 68 | Independent Susceptibility Markers for Atrial Fibrillation on Chromosome 4q25. Circulation, 2010, 122, 976-984. | 1.6 | 137 |
| 69 | A genome-wide association study of aging. Neurobiology of Aging, 2011, 32, 2109.e15-2109.e28. | 3.1 | 127 |
| 70 | Novel Genetic Markers Associate With Atrial Fibrillation Risk in Europeans and Japanese. Journal of the American College of Cardiology, 2014, 63, 1200-1210. | 2.8 | 127 |
| 71 | HIN-1, a putative cytokine highly expressed in normal but not cancerous mammary epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9796-9801. | 7.1 | 122 |
| 72 | A Meta-analysis of Four Genome-Wide Association Studies of Survival to Age 90 Years or Older: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 478-487. | 3.6 | 117 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Genome-wide association with select biomarker traits in the Framingham Heart Study. BMC Medical Genetics, 2007, 8, S11. | 2.1 | 111 |
| 74 | Abnormalities of bone marrow mesenchymal cells in multiple myeloma patients. Cancer, 2001, 91, 1219-1230. | 4.1 | 106 |
| 75 | A genome-wide association study of early menopause and the combined impact of identified variants. Human Molecular Genetics, 2013, 22, 1465-1472. | 2.9 | 104 |
| 76 | Comprehensive Search for Alzheimer Disease Susceptibility Loci in the APOE Region. Archives of Neurology, 2012, 69, 1270. | 4.5 | 97 |
| 77 | Genetic Obesity and the Risk of Atrial Fibrillation. Circulation, 2017, 135, 741-754. | 1.6 | 96 |
| 78 | Two rare AKAP9 variants are associated with Alzheimer's disease in African Americans. Alzheimer's and Dementia, 2014, 10, 609. | 0.8 | 94 |
| 79 | Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. Genome Biology, 2021, 22, 194. | 8.8 | 90 |
| 80 | Head circumference, atrophy, and cognition. Neurology, 2010, 75, 137-142. | 1.1 | 88 |
| 81 | Polymorphisms in the PON gene cluster are associated with Alzheimer disease. Human Molecular Genetics, 2006, 15, 77-85. | 2.9 | 87 |
| 82 | Eight Common Genetic Variants Associated with Serum DHEAS Levels Suggest a Key Role in Ageing Mechanisms. PLoS Genetics, 2011, 7, e1002025. | 3.5 | 87 |
| 83 | Two novel loci, COBL and SLC10A2, for Alzheimer's disease in African Americans. Alzheimer's and Dementia, 2017, 13, 119-129. | 0.8 | 87 |
| 84 | Genetic Risk Prediction of Atrial Fibrillation. Circulation, 2017, 135, 1311-1320. | 1.6 | 87 |
| 85 | Estrogen Receptor Î± Gene Variation Is Associated With Risk of Myocardial Infarction in More Than Seven Thousand Men From Five Cohorts. Circulation Research, 2006, 98, 590-592. | 4.5 | 86 |
| 86 | CYP2D6 Inhibition and Breast Cancer Recurrence in a Population-Based Study in Denmark. Journal of the National Cancer Institute, 2011, 103, 489-500. | 6.3 | 84 |
| 87 | An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. Biological Psychiatry, 2017, 82, 322-329. | 1.3 | 84 |
| 88 | Breast cancer recurrence risk related to concurrent use of SSRI antidepressants and tamoxifen. Acta OncolÃ³gica, 2010, 49, 305-312. | 1.8 | 82 |
| 89 | Monogenic and Polygenic Contributions to Atrial Fibrillation Risk. Circulation Research, 2020, 126, 200-209. | 4.5 | 79 |
| 90 | Performance of random forest when SNPs are in linkage disequilibrium. BMC Bioinformatics, 2009, 10, 78. | 2.6 | 76 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | A Common Connexin-40 Gene Promoter Variant Affects Connexin-40 Expression in Human Atria and Is Associated With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 87-93. | 4.8 | 76 |
| 92 | Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. Nature Communications, 2021, 12, 654. | 12.8 | 75 |
| 93 | Large-Scale Candidate Gene Analysis in Whites and African Americans Identifies IL6R Polymorphism in Relation to Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2011, 4, 557-564. | 5.1 | 74 |
| 94 | Heritability of Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 72 |
| 95 | Genetic Association Studies. Circulation, 2008, 118, 96-101. | 1.6 | 71 |
| 96 | Analysis of rare genetic variation underlying cardiometabolic diseases and traits among 200,000 individuals in the UK Biobank. Nature Genetics, 2022, 54, 240-250. | 21.4 | 68 |
| 97 | Sex- and age-interacting eQTLs in human complex diseases. Human Molecular Genetics, 2014, 23, 1947-1956. | 2.9 | 66 |
| 98 | A novel trafficking-defective HCN4 mutation is associated with early-onset atrial fibrillation. Heart Rhythm, 2014, 11, 1055-1062. | 0.7 | 64 |
| 99 | Genomeâ€wide association study of Alzheimer's disease endophenotypes at prediagnosis stages. Alzheimer's and Dementia, 2018, 14, 623-633. | 0.8 | 64 |
| 100 | Association of Distinct Variants in SORL1 With Cerebrovascular and Neurodegenerative Changes Related to Alzheimer Disease. Archives of Neurology, 2008, 65, 1640. | 4.5 | 60 |
| 101 | <scp>PLXNA</scp>4 is associated with <scp>A</scp>lzheimer disease and modulates tau phosphorylation. Annals of Neurology, 2014, 76, 379-392. | 5.3 | 60 |
| 102 | Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 991-1004. | 3.6 | 60 |
| 103 | Multiple loci influencing hippocampal degeneration identified by genome scan. Annals of Neurology, 2012, 72, 65-75. | 5.3 | 59 |
| 104 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542. | 12.8 | 59 |
| 105 | Measures of Biologic Age in a Community Sample Predict Mortality and Age-Related Disease: The Framingham Offspring Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 757-762. | 3.6 | 59 |
| 106 | The Relation of Genetic and Environmental Factors to Systemic Inflammatory Biomarker Concentrations. Circulation: Cardiovascular Genetics, 2009, 2, 229-237. | 5.1 | 58 |
| 107 | Association of Rare Coding Mutations With Alzheimer Disease and Other Dementias Among Adults of European Ancestry. JAMA Network Open, 2019, 2, e191350. | 5.9 | 58 |
| 108 | Exclusion of PTEN and 10q22-24 as the susceptibility locus for juvenile polyposis syndrome. Cancer Research, 1997, 57, 5017-21. | 0.9 | 58 |

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|---|---|---|---|
| 109 | Tamoxifen's protection against breast cancer recurrence is not reduced by concurrent use of the SSRI citalopram. British Journal of Cancer, 2008, 99, 616-621. | 6.4 | 56 |
| 110 | Shared genetic contribution to ischemic stroke and Alzheimer's disease. Annals of Neurology, 2016, 79, 739-747. | 5.3 | 56 |
| 111 | Genome-Wide Association Study of <scp>l</scp> -Arginine and Dimethylarginines Reveals Novel Metabolic Pathway for Symmetric Dimethylarginine. Circulation: Cardiovascular Genetics, 2014, 7, 864-872. | 5.1 | 53 |
| 112 | A search for age-related macular degeneration risk variants in Alzheimer disease genes and pathways. Neurobiology of Aging, 2014, 35, 1510.e7-1510.e18. | 3.1 | 53 |
| 113 | Assessment of cortical and striatal involvement in 523 Huntington disease brains. Neurology, 2012, 79, 1708-1715. | 1.1 | 52 |
| 114 | Association of Adiposity Genetic Variants With Menarche Timing in 92,105 Women of European Descent. American Journal of Epidemiology, 2013, 178, 451-460. | 3.4 | 51 |
| 115 | <scp>GWAS</scp> analysis of handgrip and lower body strength in older adults in the <scp>CHARGE</scp> consortium. Aging Cell, 2016, 15, 792-800. | 6.7 | 51 |
| 116 | Cross-Sectional Association of Frailty and Arterial Stiffness in Community-Dwelling Older Adults: The Framingham Heart Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 373-379. | 3.6 | 51 |
| 117 | Genome-wide association studies in women of African ancestry identified 3q26.21 as a novel susceptibility locus for oestrogen receptor negative breast cancer. Human Molecular Genetics, 2016, 25, ddw305. | 2.9 | 50 |
| 118 | Cardiovascular risk factors among women with self-reported infertility. Fertility Research and Practice, 2017, 3, 7. | 4.2 | 49 |
| 119 | Estimating the probability of de novo HD cases from transmissions of expanded penetrant CAG alleles in the Huntington disease gene from male carriers of high normal alleles (27â€“35 CAG). American Journal of Medical Genetics, Part A, 2009, 149A, 1375-1381. | 1.2 | 48 |
| 120 | Gene expression and genetic variation in human atria. Heart Rhythm, 2014, 11, 266-271. | 0.7 | 48 |
| 121 | Protective variant for hippocampal atrophy identified by whole exome sequencing. Annals of Neurology, 2015, 77, 547-552. | 5.3 | 48 |
| 122 | Methylome-wide Association Study of Atrial Fibrillation in Framingham Heart Study. Scientific Reports, 2017, 7, 40377. | 3.3 | 48 |
| 123 | A caseâ€“control analysis of oral contraceptive use and breast cancer subtypes in the African American Breast Cancer Epidemiology and Risk Consortium. Breast Cancer Research, 2015, 17, 22. | 5.0 | 47 |
| 124 | Genetic ancestry and population differences in levels of inflammatory cytokines in women: Role for evolutionary selection and environmental factors. PLoS Genetics, 2018, 14, e1007368. | 3.5 | 47 |
| 125 | Experimental design and error detection for polyploid radiation hybrid mapping.. Genome Research, 1995, 5, 151-163. | 5.5 | 44 |
| 126 | A functionally significant SNP in TP53 and breast cancer risk in African-American women. Npj Breast Cancer, 2017, 3, 5. | 5.2 | 44 |

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|---|---|---|---|
| 127 | Multipoint Radiation Hybrid Mapping: Comparison of Methods, Sample Size Requirements, and Optimal Study Characteristics. Genomics, 1994, 21, 92-103. | 2.9 | 43 |
| 128 | Education Attenuates the Effect of Medial Temporal Lobe Atrophy on Cognitive Function in Alzheimer's Disease: The MIRAGE Study. Journal of Alzheimer's Disease, 2009, 17, 855-862. | 2.6 | 42 |
| 129 | Global and local ancestry in Africanâ€Americans: Implications for Alzheimer's disease risk. Alzheimer's and Dementia, 2016, 12, 233-243. | 0.8 | 42 |
| 130 | Rarity of the Alzheimer Diseaseâ€"ProtectiveAPPA673T Variant in the United States. JAMA Neurology, 2015, 72, 209. | 9.0 | 41 |
| 131 | Integrative Omics Approach to Identifying Genes Associated With Atrial Fibrillation. Circulation Research, 2020, 126, 350-360. | 4.5 | 41 |
| 132 | Evaluating Polygenic Risk Scores for Breast Cancer in Women of African Ancestry. Journal of the National Cancer Institute, 2021, 113, 1168-1176. | 6.3 | 41 |
| 133 | APOE Promoter Polymorphism-219T/G is an Effect Modifier of the Influence of APOE Îµ4 on Alzheimerâ€™s Disease Risk in a Multiracial Sample. Journal of Clinical Medicine, 2019, 8, 1236. | 2.4 | 40 |
| 134 | Selected locus and multiple panel models for radiation hybrid mapping. American Journal of Human Genetics, 1996, 59, 717-25. | 6.2 | 40 |
| 135 | Correction for multiple testing in a gene region. European Journal of Human Genetics, 2014, 22, 414-418. | 2.8 | 39 |
| 136 | Association of Long Runs of Homozygosity With Alzheimer Disease Among African American Individuals. JAMA Neurology, 2015, 72, 1313. | 9.0 | 39 |
| 137 | A rare missense variant of CASP7 is associated with familial lateâ€onset Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 441-452. | 0.8 | 39 |
| 138 | An Allelic Variant at theATMLocus Is Implicated in Breast Cancer Susceptibility. Genetic Testing and Molecular Biomarkers, 1997, 1, 165-170. | 1.7 | 38 |
| 139 | Frailty models: Applications to biomedical and genetic studies. Statistics in Medicine, 2011, 30, 2754-2764. | 1.6 | 38 |
| 140 | The heritability of circulating testosterone, oestradiol, oestrone and sex hormone binding globulin concentrations in men: the Framingham Heart Study. Clinical Endocrinology, 2014, 80, 277-282. | 2.4 | 36 |
| 141 | Demographic, lifestyle, and genetic determinants of circulating concentrations of 25-hydroxyvitamin D and vitamin Dâ€"binding protein in African American and European American women,. American Journal of Clinical Nutrition, 2017, 105, 1362-1371. | 4.7 | 36 |
| 142 | Large common deletions associate with mortality at old age. Human Molecular Genetics, 2011, 20, 4290-4296. | 2.9 | 35 |
| 143 | Epigenetic Age and the Risk of Incident Atrial Fibrillation. Circulation, 2021, 144, 1899-1911. | 1.6 | 35 |
| 144 | Whole Exome Sequencing in Atrial Fibrillation. PLoS Genetics, 2016, 12, e1006284. | 3.5 | 35 |

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|---|---|---|---|
| 145 | Implications of comorbidity and ascertainment bias for identifying disease genes. American Journal of Medical Genetics Part A, 2000, 96, 817-822. | 2.4 | 34 |
| 146 | Clinical and genetic factors associated with lipoprotein-associated phospholipase A2 in the Framingham Heart Study. Atherosclerosis, 2009, 204, 601-607. | 0.8 | 34 |
| 147 | Diminished PRRX1 Expression Is Associated With Increased Risk of Atrial Fibrillation and Shortening of the Cardiac Action Potential. Circulation: Cardiovascular Genetics, 2017, 10, . | 5.1 | 33 |
| 148 | Serum paraoxonase activity is associated with variants in the PON gene cluster and risk of Alzheimer disease. Neurobiology of Aging, 2012, 33, 1015.e7-1015.e23. | 3.1 | 32 |
| 149 | Rare coding variants and X-linked loci associated with age at menarche. Nature Communications, 2015, 6, 7756. | 12.8 | 32 |
| 150 | Analysis of Whole-Exome Sequencing Data for Alzheimer Disease Stratified by APOE Genotype. JAMA Neurology, 2019, 76, 1099. | 9.0 | 32 |
| 151 | Clinical and genetic correlates of soluble Pâ€selectin in the community. Journal of Thrombosis and Haemostasis, 2008, 6, 20-31. | 3.8 | 31 |
| 152 | Hormone-related pathways and risk of breast cancer subtypes in African American women. Breast Cancer Research and Treatment, 2015, 154, 145-154. | 2.5 | 30 |
| 153 | Genome-wide analysis of mitochondrial DNA copy number reveals loci implicated in nucleotide metabolism, platelet activation, and megakaryocyte proliferation. Human Genetics, 2022, 141, 127-146. | 3.8 | 30 |
| 154 | Cell-type-specific expression quantitative trait loci associated with Alzheimer disease in blood and brain tissue. Translational Psychiatry, 2021, 11, 250. | 4.8 | 29 |
| 155 | Genetic association between endothelial nitric oxide synthase and Alzheimer disease. Clinical Genetics, 2006, 70, 49-56. | 2.0 | 28 |
| 156 | Heritability of Magnetic Resonance Imaging (MRI) Traits in Alzheimer Disease Cases and Their Siblings in the MIRAGE Study. Alzheimer Disease and Associated Disorders, 2007, 21, 85-91. | 1.3 | 28 |
| 157 | Two-stage approach for identifying single-nucleotide polymorphisms associated with rheumatoid arthritis using random forests and Bayesian networks. BMC Proceedings, 2007, 1, S56. | 1.6 | 27 |
| 158 | Genome-wide pleiotropy analysis of neuropathological traits related to Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2018, 10, 22. | 6.2 | 27 |
| 159 | Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE Îµ2 protective effect in Alzheimer disease. Molecular Psychiatry, 2021, 26, 6054-6064. | 7.9 | 27 |
| 160 | Whole blood gene expression and interleukin-6 levels. Genomics, 2014, 104, 490-495. | 2.9 | 24 |
| 161 | Targeted sequencing in candidate genes for atrial fibrillation: The Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Targeted Sequencing Study. Heart Rhythm, 2014, 11, 452-457. | 0.7 | 24 |
| 162 | Characterizing Genetic Susceptibility to Breast Cancer in Women of African Ancestry. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1016-1026. | 2.5 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Targeted Sequencing of Alzheimer Disease Genes in African Americans Implicates Novel Risk Variants. Frontiers in Neuroscience, 2018, 12, 592. | 2.8 | 24 |
| 164 | Cross-ancestry GWAS meta-analysis identifies six breast cancer loci in African and European ancestry women. Nature Communications, 2021, 12, 4198. | 12.8 | 24 |
| 165 | Circulating Testosterone and SHBG Concentrations Are Heritable in Women: The Framingham Heart Study. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1491-E1495. | 3.6 | 23 |
| 166 | Transferability and fine-mapping of glucose and insulin quantitative trait loci across populations: CARe, the Candidate Gene Association Resource. Diabetologia, 2012, 55, 2970-2984. | 6.3 | 23 |
| 167 | Whole Blood Gene Expression and Atrial Fibrillation: The Framingham Heart Study. PLoS ONE, 2014, 9, e96794. | 2.5 | 23 |
| 168 | Gene expression markers of age-related inflammation in two human cohorts. Experimental Gerontology, 2015, 70, 37-45. | 2.8 | 23 |
| 169 | Midlife lipid and glucose levels are associated with Alzheimer's disease. Alzheimer's and Dementia, 2023, 19, 181-193. | 0.8 | 23 |
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