

Kathryn L Lunetta

List of Publications by Citations

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

262 papers	25,162 citations	76 h-index	156 g-index
292 ext. papers	31,383 ext. citations	9.6 avg, IF	5.66 L-index

#	Paper	IF	Citations
262	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013 , 45, 1452-8	36.3	2714
261	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. <i>Nature Genetics</i> , 2011 , 43, 436-41	36.3	1367
260	Common variants at 30 loci contribute to polygenic dyslipidemia. <i>Nature Genetics</i> , 2009 , 41, 56-65	36.3	1095
259	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
258	The neuronal sortilin-related receptor SORL1 is genetically associated with Alzheimer disease. <i>Nature Genetics</i> , 2007 , 39, 168-77	36.3	888
257	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015 , 16, 25	18.3	670
256	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016 , 8, 1844-1865	5.6	531
255	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
254	PTEN mutation spectrum and genotype-phenotype correlations in Bannayan-Riley-Ruvalcaba syndrome suggest a single entity with Cowden syndrome. <i>Human Molecular Genetics</i> , 1999 , 8, 1461-72	5.6	483
253	Mutation spectrum and genotype-phenotype analyses in Cowden disease and Bannayan-Zonana syndrome, two hamartoma syndromes with germline PTEN mutation. <i>Human Molecular Genetics</i> , 1998 , 7, 507-15	5.6	458
252	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. <i>Nature Genetics</i> , 2012 , 44, 670-5	36.3	429
251	Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium: Design of prospective meta-analyses of genome-wide association studies from 5 cohorts. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 73-80		423
250	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014 , 514, 92-97	50.4	401
249	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2010 , 42, 1077-85	36.3	372
248	Demonstrating stratification in a European American population. <i>Nature Genetics</i> , 2005 , 37, 868-72	36.3	372
247	Common variants in KCNN3 are associated with lone atrial fibrillation. <i>Nature Genetics</i> , 2010 , 42, 240-4	36.3	362
246	Genome-wide association study of PR interval. <i>Nature Genetics</i> , 2010 , 42, 153-9	36.3	340

245	Meta-analysis confirms CR1, CLU, and PICALM as alzheimer disease risk loci and reveals interactions with APOE genotypes. <i>Archives of Neurology</i> , 2010 , 67, 1473-84		330
244	Variants in ZFX3 are associated with atrial fibrillation in individuals of European ancestry. <i>Nature Genetics</i> , 2009 , 41, 879-81	36.3	307
243	Screening large-scale association study data: exploiting interactions using random forests. <i>BMC Genetics</i> , 2004 , 5, 32	2.6	294
242	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
241	Variants in the ATP-binding cassette transporter (ABCA7), apolipoprotein E 4, and the risk of late-onset Alzheimer disease in African Americans. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 1483-92	27.4	275
240	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
239	Identifying SNPs predictive of phenotype using random forests. <i>Genetic Epidemiology</i> , 2005 , 28, 171-82	2.6	267
238	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841	36.3	257
237	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. <i>Nature Genetics</i> , 2012 , 44, 260-8	36.3	243
236	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. <i>Nature Genetics</i> , 2015 , 47, 1294-1303	36.3	226
235	Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. <i>Nature Genetics</i> , 2009 , 41, 648-50	36.3	223
234	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31	36.3	219
233	Genome-wide association with bone mass and geometry in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S14	2.1	200
232	GWAS of longevity in CHARGE consortium confirms APOE and FOXO3 candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 110-8	6.4	188
231	A comprehensive genetic association study of Alzheimer disease in African Americans. <i>Archives of Neurology</i> , 2011 , 68, 1569-79		187
230	Testing for population subdivision and association in four case-control studies. <i>American Journal of Human Genetics</i> , 2002 , 71, 304-11	11	183
229	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019 , 51, 804-814	36.3	181
228	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952	36.3	176

227	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , 2016 , 21, 108-17	15.1	175
226	Large scale replication and meta-analysis of variants on chromosome 4q25 associated with atrial fibrillation. <i>European Heart Journal</i> , 2009 , 30, 813-9	9.5	165
225	Genetic correlates of longevity and selected age-related phenotypes: a genome-wide association study in the Framingham Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S13	2.1	156
224	The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S1	2.1	152
223	Intergenerational and striatal CAG repeat instability in Huntington's disease knock-in mice involve different DNA repair genes. <i>Neurobiology of Disease</i> , 2009 , 33, 37-47	7.5	148
222	Genetic determinants of serum testosterone concentrations in men. <i>PLoS Genetics</i> , 2011 , 7, e1002313	6	148
221	Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 658-71	1.2	146
220	Family-based tests of association and linkage that use unaffected sibs, covariates, and interactions. <i>American Journal of Human Genetics</i> , 2000 , 66, 605-14	11	145
219	Integrating genetic, transcriptional, and functional analyses to identify 5 novel genes for atrial fibrillation. <i>Circulation</i> , 2014 , 130, 1225-35	16.7	143
218	Somatic mitochondrial DNA (mtDNA) mutations in papillary thyroid carcinomas and differential mtDNA sequence variants in cases with thyroid tumours. <i>Oncogene</i> , 2000 , 19, 2060-6	9.2	142
217	A genome-wide association study of depressive symptoms. <i>Biological Psychiatry</i> , 2013 , 73, 667-78	7.9	135
216	Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. <i>Circulation</i> , 2018 , 137, 1027-1038	16.7	133
215	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , 2014 , 71, 1394-404	17.2	129
214	The search for longevity and healthy aging genes: insights from epidemiological studies and samples of long-lived individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 470-9	6.4	129
213	Novel late-onset Alzheimer disease loci variants associate with brain gene expression. <i>Neurology</i> , 2012 , 79, 221-8	6.5	124
212	Relations of inflammatory biomarkers and common genetic variants with arterial stiffness and wave reflection. <i>Hypertension</i> , 2008 , 51, 1651-7	8.5	120
211	Assessment of the genetic variance of late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016 , 41, 200.e13-200.e20	5.6	119
210	A genome-wide association meta-analysis of circulating sex hormone-binding globulin reveals multiple Loci implicated in sex steroid hormone regulation. <i>PLoS Genetics</i> , 2012 , 8, e1002805	6	116

209	HIN-1, a putative cytokine highly expressed in normal but not cancerous mammary epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 9796-801	11.5	114
208	Exceptionally low likelihood of Alzheimer's dementia in APOE2 homozygotes from a 5,000-person neuropathological study. <i>Nature Communications</i> , 2020 , 11, 667	17.4	113
207	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. <i>BMJ, The</i> , 2018 , 361, k1453	5.9	110
206	A genome-wide association study of aging. <i>Neurobiology of Aging</i> , 2011 , 32, 2109.e15-28	5.6	110
205	Independent susceptibility markers for atrial fibrillation on chromosome 4q25. <i>Circulation</i> , 2010 , 122, 976-84	16.7	109
204	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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010 , 65, 478-87	6.4	107
203	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , 2017 , 13, 727-738	1.2	106
202	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , 2018 , 9, 387	17.4	106
201	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. <i>Molecular Psychiatry</i> , 2020 , 25, 1859-1875	15.1	106
200	APOE genotype and MRI markers of cerebrovascular disease: systematic review and meta-analysis. <i>Neurology</i> , 2013 , 81, 292-300	6.5	104
199	Statistical methods for polyploid radiation hybrid mapping. <i>Genome Research</i> , 1995 , 5, 136-50	9.7	103
198	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
197	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1200-1210	15.1	102
196	Genome-wide association study of offspring birth weight in 86 577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018 , 27, 742-756	5.6	98
195	Abnormalities of bone marrow mesenchymal cells in multiple myeloma patients. <i>Cancer</i> , 2001 , 91, 1219-30	3.4	95
194	Genome-wide association with select biomarker traits in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S11	2.1	94
193	Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e94661	3.7	90
192	Two rare AKAP9 variants are associated with Alzheimer's disease in African Americans. <i>Alzheimer's and Dementia</i> , 2014 , 10, 609-618.e11	1.2	83

191	A genome-wide association study of early menopause and the combined impact of identified variants. <i>Human Molecular Genetics</i> , 2013 , 22, 1465-72	5.6	82
190	Comprehensive search for Alzheimer disease susceptibility loci in the APOE region. <i>Archives of Neurology</i> , 2012 , 69, 1270-9		81
189	Estrogen receptor alpha gene variation is associated with risk of myocardial infarction in more than seven thousand men from five cohorts. <i>Circulation Research</i> , 2006 , 98, 590-2	15.7	80
188	Polymorphisms in the PON gene cluster are associated with Alzheimer disease. <i>Human Molecular Genetics</i> , 2006 , 15, 77-85	5.6	78
187	CYP2D6 inhibition and breast cancer recurrence in a population-based study in Denmark. <i>Journal of the National Cancer Institute</i> , 2011 , 103, 489-500	9.7	76
186	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2354-2364	27.4	75
185	Breast cancer recurrence risk related to concurrent use of SSRI antidepressants and tamoxifen. <i>Acta Oncologica</i> , 2010 , 49, 305-12	3.2	73
184	Head circumference, atrophy, and cognition: implications for brain reserve in Alzheimer disease. <i>Neurology</i> , 2010 , 75, 137-42	6.5	73
183	Eight common genetic variants associated with serum DHEAS levels suggest a key role in ageing mechanisms. <i>PLoS Genetics</i> , 2011 , 7, e1002025	6	69
182	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017 , 82, 322-329	7.9	68
181	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program		68
180	Genetic Obesity and the Risk of Atrial Fibrillation: Causal Estimates from Mendelian Randomization. <i>Circulation</i> , 2017 , 135, 741-754	16.7	62
179	Performance of random forest when SNPs are in linkage disequilibrium. <i>BMC Bioinformatics</i> , 2009 , 10, 78	3.6	62
178	Genetic association studies. <i>Circulation</i> , 2008 , 118, 96-101	16.7	62
177	Genetic Risk Prediction of Atrial Fibrillation. <i>Circulation</i> , 2017 , 135, 1311-1320	16.7	56
176	A common connexin-40 gene promoter variant affects connexin-40 expression in human atria and is associated with atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011 , 4, 87-93	6.4	55
175	Large-scale candidate gene analysis in whites and African Americans identifies IL6R polymorphism in relation to atrial fibrillation: the National Heart, Lung, and Blood Institute's Candidate Gene Association Resource (CARE) project. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 557-64		54
174	Association of distinct variants in SORL1 with cerebrovascular and neurodegenerative changes related to Alzheimer disease. <i>Archives of Neurology</i> , 2008 , 65, 1640-8		53

173	Exclusion of PTEN and 10q22-24 as the susceptibility locus for juvenile polyposis syndrome. <i>Cancer Research</i> , 1997 , 57, 5017-21	10.1	52
172	Multiple loci influencing hippocampal degeneration identified by genome scan. <i>Annals of Neurology</i> , 2012 , 72, 65-75	9.4	50
171	Tamoxifen's protection against breast cancer recurrence is not reduced by concurrent use of the SSRI citalopram. <i>British Journal of Cancer</i> , 2008 , 99, 616-21	8.7	50
170	PLXNA4 is associated with Alzheimer disease and modulates tau phosphorylation. <i>Annals of Neurology</i> , 2014 , 76, 379-92	9.4	48
169	Sex- and age-interacting eQTLs in human complex diseases. <i>Human Molecular Genetics</i> , 2014 , 23, 1947-56	5.6	48
168	Two novel loci, COBL and SLC10A2, for Alzheimer's disease in African Americans. <i>Alzheimer's and Dementia</i> , 2017 , 13, 119-129	1.2	48
167	Assessment of cortical and striatal involvement in 523 Huntington disease brains. <i>Neurology</i> , 2012 , 79, 1708-15	6.5	48
166	Association of adiposity genetic variants with menarche timing in 92,105 women of European descent. <i>American Journal of Epidemiology</i> , 2013 , 178, 451-60	3.8	48
165	The relation of genetic and environmental factors to systemic inflammatory biomarker concentrations. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 229-37		47
164	A novel trafficking-defective HCN4 mutation is associated with early-onset atrial fibrillation. <i>Heart Rhythm</i> , 2014 , 11, 1055-1062	6.7	43
163	Protective variant for hippocampal atrophy identified by whole exome sequencing. <i>Annals of Neurology</i> , 2015 , 77, 547-52	9.4	43
162	Gene expression and genetic variation in human atria. <i>Heart Rhythm</i> , 2014 , 11, 266-71	6.7	42
161	Shared genetic contribution to Ischaemic Stroke and Alzheimer's Disease. <i>Annals of Neurology</i> , 2016 , 79, 739-747	9.4	42
160	Heritability of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		39
159	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 (27-35 CAG). <i>American Journal of Medical Genetics, Part A</i> , 2009 , 149A, 1375-81	2.5	39
158	Genome-wide association study of L-arginine and dimethylarginines reveals novel metabolic pathway for symmetric dimethylarginine. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 864-72		38
157	Association of Rare Coding Mutations With Alzheimer Disease and Other Dementias Among Adults of European Ancestry. <i>JAMA Network Open</i> , 2019 , 2, e191350	10.4	37
156	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 991-1004	5.6	37

155	Multipoint radiation hybrid mapping: comparison of methods, sample size requirements, and optimal study characteristics. <i>Genomics</i> , 1994 , 21, 92-103	4.3	37
154	Measures of Biologic Age in a Community Sample Predict Mortality and Age-Related Disease: The Framingham Offspring Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 757-762	6.4	36
153	Genome-wide association study of Alzheimer's disease endophenotypes at prediagnosis stages. <i>Alzheimer's and Dementia</i> , 2018 , 14, 623-633	1.2	35
152	Frailty models: Applications to biomedical and genetic studies. <i>Statistics in Medicine</i> , 2011 , 30, 2754-64	2.3	35
151	Education attenuates the effect of medial temporal lobe atrophy on cognitive function in Alzheimer's disease: the MIRAGE study. <i>Journal of Alzheimer's Disease</i> , 2009 , 17, 855-62	4.3	35
150	Selected locus and multiple panel models for radiation hybrid mapping. <i>American Journal of Human Genetics</i> , 1996 , 59, 717-25	11	35
149	Search for age-related macular degeneration risk variants in Alzheimer disease genes and pathways. <i>Neurobiology of Aging</i> , 2014 , 35, 1510.e7-18	5.6	34
148	Genome-wide association studies in women of African ancestry identified 3q26.21 as a novel susceptibility locus for oestrogen receptor negative breast cancer. <i>Human Molecular Genetics</i> , 2016 , 25, 4835-4846	5.6	34
147	Methylome-wide Association Study of Atrial Fibrillation in Framingham Heart Study. <i>Scientific Reports</i> , 2017 , 7, 40377	4.9	33
146	A case-control analysis of oral contraceptive use and breast cancer subtypes in the African American Breast Cancer Epidemiology and Risk Consortium. <i>Breast Cancer Research</i> , 2015 , 17, 22	8.3	33
145	GWAS analysis of handgrip and lower body strength in older adults in the CHARGE consortium. <i>Aging Cell</i> , 2016 , 15, 792-800	9.9	33
144	Experimental design and error detection for polyploid radiation hybrid mapping. <i>Genome Research</i> , 1995 , 5, 151-63	9.7	32
143	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel: A Meta-analysis. <i>JAMA Neurology</i> , 2021 , 78, 102-113	17.2	32
142	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , 2015 , 72, 209-16	17.2	31
141	Genetic ancestry and population differences in levels of inflammatory cytokines in women: Role for evolutionary selection and environmental factors. <i>PLoS Genetics</i> , 2018 , 14, e1007368	6	30
140	Cross-Sectional Association of Frailty and Arterial Stiffness in Community-Dwelling Older Adults: The Framingham Heart Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 373-379	6.4	30
139	Cardiovascular risk factors among women with self-reported infertility. <i>Fertility Research and Practice</i> , 2017 , 3, 7	3	30
138	An allelic variant at the ATM locus is implicated in breast cancer susceptibility. <i>Genetic Testing and Molecular Biomarkers</i> , 1997 , 1, 165-70		30

137	Implications of comorbidity and ascertainment bias for identifying disease genes. <i>American Journal of Medical Genetics Part A</i> , 2000 , 96, 817-22		30
136	The heritability of circulating testosterone, oestradiol, oestrone and sex hormone binding globulin concentrations in men: the Framingham Heart Study. <i>Clinical Endocrinology</i> , 2014 , 80, 277-82	3.4	29
135	A functionally significant SNP in TP53 and breast cancer risk in African-American women. <i>Npj Breast Cancer</i> , 2017 , 3, 5	7.8	29
134	Correction for multiple testing in a gene region. <i>European Journal of Human Genetics</i> , 2014 , 22, 414-8	5.3	29
133	Large common deletions associate with mortality at old age. <i>Human Molecular Genetics</i> , 2011 , 20, 4290-6	6.6	29
132	Clinical and genetic factors associated with lipoprotein-associated phospholipase A2 in the Framingham Heart Study. <i>Atherosclerosis</i> , 2009 , 204, 601-7	3.1	29
131	Clinical and genetic correlates of soluble P-selectin in the community. <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 20-31	15.4	29
130	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	30.4	28
129	Global and local ancestry in African-Americans: Implications for Alzheimer's disease risk. <i>Alzheimer's and Dementia</i> , 2016 , 12, 233-43	1.2	27
128	Association of Long Runs of Homozygosity With Alzheimer Disease Among African American Individuals. <i>JAMA Neurology</i> , 2015 , 72, 1313-23	17.2	27
127	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
126	Demographic, lifestyle, and genetic determinants of circulating concentrations of 25-hydroxyvitamin D and vitamin D-binding protein in African American and European American women. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1362-1371	7	26
125	Hormone-related pathways and risk of breast cancer subtypes in African American women. <i>Breast Cancer Research and Treatment</i> , 2015 , 154, 145-54	4.4	26
124	Monogenic and Polygenic Contributions to Atrial Fibrillation Risk: Results From a National Biobank. <i>Circulation Research</i> , 2020 , 126, 200-209	15.7	26
123	Heritability of magnetic resonance imaging (MRI) traits in Alzheimer disease cases and their siblings in the MIRAGE study. <i>Alzheimer Disease and Associated Disorders</i> , 2007 , 21, 85-91	2.5	25
122	Whole Exome Sequencing in Atrial Fibrillation. <i>PLoS Genetics</i> , 2016 , 12, e1006284	6	24
121	Rare coding variants and X-linked loci associated with age at menarche. <i>Nature Communications</i> , 2015 , 6, 7756	17.4	23
120	Transferability and fine-mapping of glucose and insulin quantitative trait loci across populations: CARE, the Candidate Gene Association Resource. <i>Diabetologia</i> , 2012 , 55, 2970-84	10.3	23

119	Two-stage approach for identifying single-nucleotide polymorphisms associated with rheumatoid arthritis using random forests and Bayesian networks. <i>BMC Proceedings</i> , 2007 , 1 Suppl 1, S56	2.3	23
118	Genetic association between endothelial nitric oxide synthase and Alzheimer disease. <i>Clinical Genetics</i> , 2006 , 70, 49-56	4	23
117	Serum paraoxonase activity is associated with variants in the PON gene cluster and risk of Alzheimer disease. <i>Neurobiology of Aging</i> , 2012 , 33, 1015.e7-23	5.6	22
116	A rare missense variant of CASP7 is associated with familial late-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019 , 15, 441-452	1.2	22
115	Functional polymorphisms in UDP-glucuronosyl transferases and recurrence in tamoxifen-treated breast cancer survivors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 1937-43	4	21
114	Integrative Omics Approach to Identifying Genes Associated With Atrial Fibrillation. <i>Circulation Research</i> , 2020 , 126, 350-360	15.7	21
113	Diminished Expression Is Associated With Increased Risk of Atrial Fibrillation and Shortening of the Cardiac Action Potential. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		20
112	Promoter Polymorphism-219T/G is an Effect Modifier of the Influence of A on Alzheimer's Disease Risk in a Multiracial Sample. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	20
111	Lack of replication in polymorphisms reported to be associated with atrial fibrillation. <i>Heart Rhythm</i> , 2011 , 8, 403-9	6.7	20
110	Whole blood gene expression and interleukin-6 levels. <i>Genomics</i> , 2014 , 104, 490-5	4.3	19
109	Analysis of Whole-Exome Sequencing Data for Alzheimer Disease Stratified by APOE Genotype. <i>JAMA Neurology</i> , 2019 , 76, 1099-1108	17.2	18
108	Targeted sequencing in candidate genes for atrial fibrillation: the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Targeted Sequencing Study. <i>Heart Rhythm</i> , 2014 , 11, 452-7	6.7	18
107	Whole blood gene expression and atrial fibrillation: the Framingham Heart Study. <i>PLoS ONE</i> , 2014 , 9, e96794	3.7	18
106	Gene expression markers of age-related inflammation in two human cohorts. <i>Experimental Gerontology</i> , 2015 , 70, 37-45	4.5	17
105	Genetic variations in vitamin D-related pathways and breast cancer risk in African American women in the AMBER consortium. <i>International Journal of Cancer</i> , 2016 , 138, 2118-26	7.5	17
104	An exome-wide analysis of low frequency and rare variants in relation to risk of breast cancer in African American Women: the AMBER Consortium. <i>Carcinogenesis</i> , 2016 , 37, 870-877	4.6	17
103	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
102	Genetic Variation in Genes Underlying Diverse Dementias May Explain a Small Proportion of Cases in the Alzheimer's Disease Sequencing Project. <i>Dementia and Geriatric Cognitive Disorders</i> , 2018 , 45, 1-17	2.6	16

101	Targeted Sequencing of Alzheimer Disease Genes in African Americans Implicates Novel Risk Variants. <i>Frontiers in Neuroscience</i> , 2018 , 12, 592	5.1	16
100	Concordance of metabolic enzyme genotypes assayed from paraffin-embedded, formalin-fixed breast tumors and normal lymphatic tissue. <i>Clinical Epidemiology</i> , 2010 , 2, 241-6	5.9	16
99	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017 , 9, 209-246	5.6	16
98	Strategies to design and analyze targeted sequencing data: cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 335-43		15
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