

Kathryn L Lunetta

List of Publications by Year in Descending Order

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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	Analysis of rare genetic variation underlying cardiometabolic diseases and traits among 200,000 individuals in the UK Biobank.. <i>Nature Genetics</i> , 2022 ,	36.3	4
261	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
260	Manifestations of Alzheimer's disease genetic risk in the blood are evident in a multiomic analysis in healthy adults aged 18 to 90.. <i>Scientific Reports</i> , 2022 , 12, 6117	4.9	1
259	Alzheimer's disease associated AKAP9 I2558M mutation alters posttranslational modification and interactome of tau and cellular functions in CRISPR-edited human neuronal cells.. <i>Aging Cell</i> , 2022 , e136177	9.9	0
258	Resting heart rate and incident atrial fibrillation: A stratified Mendelian randomization in the AFGen consortium.. <i>PLoS ONE</i> , 2022 , 17, e0268768	3.7	0
257	Genome-wide analysis of mitochondrial DNA copy number reveals loci implicated in nucleotide metabolism, platelet activation, and megakaryocyte proliferation. <i>Human Genetics</i> , 2021 , 1	6.3	3
256	Evaluating Polygenic Risk Scores for Breast Cancer in Women of African Ancestry. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 1168-1176	9.7	9
255	Set-Based Rare Variant Expression Quantitative Trait Loci in Blood and Brain from Alzheimer Disease Study Participants. <i>Genes</i> , 2021 , 12,	4.2	3
254	Cell-type-specific expression quantitative trait loci associated with Alzheimer disease in blood and brain tissue. <i>Translational Psychiatry</i> , 2021 , 11, 250	8.6	4
253	Large trans-ethnic meta-analysis identifies AKR1C4 as a novel gene associated with age at menarche. <i>Human Reproduction</i> , 2021 , 36, 1999-2010	5.7	1
252	Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging. <i>Genome Biology</i> , 2021 , 22, 194	18.3	14
251	Cross-ancestry GWAS meta-analysis identifies six breast cancer loci in African and European ancestry women. <i>Nature Communications</i> , 2021 , 12, 4198	17.4	1
250	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
249	Genetic variants in anti-Müllerian hormone-related genes and breast cancer risk: results from the AMBER consortium. <i>Breast Cancer Research and Treatment</i> , 2021 , 185, 469-478	4.4	
248	Genome-wide meta-analysis of muscle weakness identifies 15 susceptibility loci in older men and women. <i>Nature Communications</i> , 2021 , 12, 654	17.4	10
247	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021 , 590, 290-299	50.4	268
246	Rare Coding Variants Associated With Electrocardiographic Intervals Identify Monogenic Arrhythmia Susceptibility Genes: A Multi-Ancestry Analysis. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003300	5.2	0

245	Identification of novel and rare variants associated with handgrip strength using whole genome sequence data from the NHLBI Trans-Omics in Precision Medicine (TOPMed) Program. <i>PLoS ONE</i> , 2021 , 16, e0253611	3.7	1
244	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	50.4	28
243	Predictive Accuracy of a Clinical and Genetic Risk Model for Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003355	5.2	2
242	Integrative brain transcriptome analysis links complement component 4 and HSPA2 to the APOE ε protective effect in Alzheimer disease. <i>Molecular Psychiatry</i> , 2021 ,	15.1	1
241	Epigenetic Age and the Risk of Incident Atrial Fibrillation. <i>Circulation</i> , 2021 ,	16.7	2
240	Alzheimer's disease associated AKAP9 I2558M mutation alters posttranslational modification and interactome of tau and cellular functions in CRISPR-edited human neuronal cells.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 2, e058592	1.2	
239	Genome-wide association and multi-omics studies identify MGMT as a novel risk gene for Alzheimer disease among women.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e054483	1.2	
238	Mechanism for the protective effect of APOE ε against Alzheimer disease is linked to tau and the classical complement pathway. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044881	1.2	
237	Early-mid adulthood measures of HDL, triglycerides and fasting glucose are associated with late-onset Alzheimer disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046125	1.2	0
236	Genome-wide interaction study of smoking in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046149	1.2	
235	Genome wide association study of chronic traumatic encephalopathy. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046505	1.2	
234	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020 , 11, 2542	17.4	16
233	Gene discovery for high-density lipoprotein cholesterol level change over time in prospective family studies. <i>Atherosclerosis</i> , 2020 , 297, 102-110	3.1	4
232	Genome-Wide Association Study of Opioid Cessation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
231	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
230	Identifying factors associated with opioid cessation in a biracial sample using machine learning. <i>Exploration of Medicine</i> , 2020 , 1, 27-41	1.1	1
229	Monogenic and Polygenic Contributions to Atrial Fibrillation Risk: Results From a National Biobank. <i>Circulation Research</i> , 2020 , 126, 200-209	15.7	26
228	Integrative Omics Approach to Identifying Genes Associated With Atrial Fibrillation. <i>Circulation Research</i> , 2020 , 126, 350-360	15.7	21

227	A comparison of genetic imputation methods using Long Life Family Study genotypes and sequence data with the 1000 Genome reference panel. <i>International Journal of Bioinformatics Research and Applications</i> , 2020 , 16, 59	0.9	
226	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 387-395	5.2	4
225	Extended Rank Tests for Analyzing Recurrent Event Data. <i>Statistics in Biopharmaceutical Research</i> , 2020 , 12, 90-98	1.2	
224	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
223	Analysis of Whole-Exome Sequencing Data for Alzheimer Disease Stratified by APOE Genotype. <i>JAMA Neurology</i> , 2019 , 76, 1099-1108	17.2	18
222	CpG-related SNPs in the MS4A region have a dose-dependent effect on risk of late-onset Alzheimer disease. <i>Aging Cell</i> , 2019 , 18, e12964	9.9	6
221	Healthy diet is associated with gene expression in blood: the Framingham Heart Study. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 742-749	7	4
220	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
219	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
218	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
217	Whole Blood Gene Expression Associated With Clinical Biological Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 81-88	6.4	13
216	Correction for multiple testing in candidate-gene methylation studies. <i>Epigenomics</i> , 2019 , 11, 1089-1105	4.4	4
215	Refining the Association Between Body Mass Index and Atrial Fibrillation: G-Formula and Restricted Mean Survival Times. <i>Journal of the American Heart Association</i> , 2019 , 8, e013011	6	6
214	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019 , 10, 3669	17.4	102
213	Promoter Polymorphism-219T/G is an Effect Modifier of the Influence of APOE on Alzheimer's Disease Risk in a Multiracial Sample. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	20
212	Comparison of On-Site Versus Remote Mobile Device Support in the Framingham Heart Study Using the Health eHeart Study for Digital Follow-up: Randomized Pilot Study Set Within an Observational Study Design. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e13238	5.5	5
211	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates APOE, tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
210	O3-13-01: HIGHLY PENETRANT LATE-ONSET ALZHEIMER DISEASE VARIANTS IN NOTCH3 IN ASHKENAZI JEWS 2019 , 15, P918-P919		

209	Genetic associations with age of menopause in familial longevity. <i>Menopause</i> , 2019 , 26, 1204-1212	2.5	5
208	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
207	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
206	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
205	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. <i>Nature Communications</i> , 2018 , 9, 387	17.4	106
204	Genetic Variants in Immune-Related Pathways and Breast Cancer Risk in African American Women in the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 321-330	4	12
203	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
202	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
201	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
200	Tau Phosphorylation is Impacted by Rare AKAP9 Mutations Associated with Alzheimer Disease in African Americans. <i>Journal of Neuroimmune Pharmacology</i> , 2018 , 13, 254-264	6.9	13
199	Genome-wide pleiotropy analysis of neuropathological traits related to Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 22	9	13
198	Targeted Sequencing of Alzheimer Disease Genes in African Americans Implicates Novel Risk Variants. <i>Frontiers in Neuroscience</i> , 2018 , 12, 592	5.1	16
197	A survey of microRNA single nucleotide polymorphisms identifies novel breast cancer susceptibility loci in a case-control, population-based study of African-American women. <i>Breast Cancer Research</i> , 2018 , 20, 45	8.3	11
196	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
195	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
194	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
193	Genetic variants associated with earlier age at menopause increase the risk of cardiovascular events in women. <i>Menopause</i> , 2018 , 25, 451-457	2.5	12
192	Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. <i>Circulation</i> , 2018 , 137, 1027-1038	16.7	133

191	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
190	Methylome-wide Association Study of Atrial Fibrillation in Framingham Heart Study. <i>Scientific Reports</i> , 2017 , 7, 40377	4.9	33
189	Transethnic genome-wide scan identifies novel Alzheimer's disease loci. <i>Alzheimer's and Dementia</i> , 2017 , 13, 727-738	1.2	106
188	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
187	Alcohol Intake and Breast Cancer Risk in African American Women from the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 787-794	4	10
186	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
185	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
184	Cross-sectional relations of whole-blood miRNA expression levels and hand grip strength in a community sample. <i>Aging Cell</i> , 2017 , 16, 888-894	9.9	12
183	Characterizing Genetic Susceptibility to Breast Cancer in Women of African Ancestry. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 1016-1026	4	12
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	Genetic Obesity and the Risk of Atrial Fibrillation: Causal Estimates from Mendelian Randomization. <i>Circulation</i> , 2017 , 135, 741-754	16.7	62
180	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
179	A novel TCF7L2 type 2 diabetes SNP identified from fine mapping in African American women. <i>PLoS ONE</i> , 2017 , 12, e0172577	3.7	7
178	Genome-wide Association Study of Parental Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1407-1410	6.4	5
177	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , 2017 , 7, 11303	4.9	14
176	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
175	[O20804]: NOVEL GENETIC VARIANTS ASSOCIATED WITH FAMILIAL LATE-ONSET ALZHEIMER DISEASE IN THE ALZHEIMER'S DISEASE SEQUENCING PROJECT 2017 , 13, P572		
174	Association Between Leukocyte Telomere Length and the Risk of Incident Atrial Fibrillation: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	10

173	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
172	Evaluation of logistic regression models and effect of covariates for case-control study in RNA-Seq analysis. <i>BMC Bioinformatics</i> , 2017 , 18, 91	3.6	11
171	Cardiovascular risk factors among women with self-reported infertility. <i>Fertility Research and Practice</i> , 2017 , 3, 7	3	30
170	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
169	Genetic Risk Prediction of Atrial Fibrillation. <i>Circulation</i> , 2017 , 135, 1311-1320	16.7	56
168	Heritability of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		39
167	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017 , 9, 209-246	5.6	16
166	Transcriptome-wide association study of inflammatory biologic age. <i>Aging</i> , 2017 , 9, 2288-2301	5.6	5
165	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
164	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , 2016 , 21, 108-17	15.1	175
163	Gene-gene Interaction Analyses for Atrial Fibrillation. <i>Scientific Reports</i> , 2016 , 6, 35371	4.9	11
162	Genetic variation in the insulin, insulin-like growth factor, growth hormone, and leptin pathways in relation to breast cancer in African-American women: the AMBER consortium. <i>Npj Breast Cancer</i> , 2016 , 2,	7.8	8
161	Phenotypically Enriched Genotypic Imputation in Genetic Association Tests. <i>Human Heredity</i> , 2016 , 81, 35-45	1.1	
160	Imputing rare variants in families using a two-stage approach. <i>BMC Proceedings</i> , 2016 , 10, 209-214	2.3	4
159	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
158	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
157	Association of an Index of Healthy Aging With Incident Cardiovascular Disease and Mortality in a Community-Based Sample of Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 1695-1701	6.4	13
156	Genetic variants in the mTOR pathway and breast cancer risk in African American women. <i>Carcinogenesis</i> , 2016 , 37, 49-55	4.6	7

155	Family History of Cancer in Relation to Breast Cancer Subtypes in African American Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 366-73	4	13
154	Whole Exome Sequencing in Atrial Fibrillation. <i>PLoS Genetics</i> , 2016 , 12, e1006284	6	24
153	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016 , 8, 1844-1865	5.6	531
152	Trans-ethnic follow-up of breast cancer GWAS hits using the preferential linkage disequilibrium approach. <i>Oncotarget</i> , 2016 , 7, 83160-83176	3.3	8
151	Admixture Mapping of African-American Women in the AMBER Consortium Identifies New Loci for Breast Cancer and Estrogen-Receptor Subtypes. <i>Frontiers in Genetics</i> , 2016 , 7, 170	4.5	12
150	Evaluation of a Two-Stage Approach in Trans-Ethnic Meta-Analysis in Genome-Wide Association Studies. <i>Genetic Epidemiology</i> , 2016 , 40, 284-92	2.6	8
149	Somatic, positive and negative domains of the Center for Epidemiological Studies Depression (CES-D) scale: a meta-analysis of genome-wide association studies. <i>Psychological Medicine</i> , 2016 , 46, 1613-23	6.9	13
148	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
147	Gene-based analysis of the fibroblast growth factor receptor signaling pathway in relation to breast cancer in African American women: the AMBER consortium. <i>Breast Cancer Research and Treatment</i> , 2016 , 155, 355-63	4.4	10
146	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
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	Genetic variations in the Hippo signaling pathway and breast cancer risk in African American women in the AMBER Consortium. <i>Carcinogenesis</i> , 2016 , 37, 951-956	4.6	13
143	Shared genetic contribution to Ischaemic Stroke and Alzheimer's Disease. <i>Annals of Neurology</i> , 2016 , 79, 739-747	9.4	42
142	Gene expression markers of age-related inflammation in two human cohorts. <i>Experimental Gerontology</i> , 2015 , 70, 37-45	4.5	17
141	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
140	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015 , 16, 25	18.3	670
139	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
138	Genome-Wide Association Study and Linkage Analysis of the Healthy Aging Index. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 1003-8	6.4	13

137	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
136	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
135	Association of Long Runs of Homozygosity With Alzheimer Disease Among African American Individuals. <i>JAMA Neurology</i> , 2015 , 72, 1313-23	17.2	27
134	Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 658-71	1.2	146
133	Large-Scale Genomic Analyses Link Reproductive Aging to Hypothalamic Signaling, Breast Cancer Susceptibility, and BRCA1-Mediated DNA Repair. <i>Obstetrical and Gynecological Survey</i> , 2015 , 70, 758-762 ^{2,4}		
132	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , 2015 , 72, 209-16	17.2	31
131	Rare coding variants and X-linked loci associated with age at menarche. <i>Nature Communications</i> , 2015 , 6, 7756	17.4	23
130	Protective variant for hippocampal atrophy identified by whole exome sequencing. <i>Annals of Neurology</i> , 2015 , 77, 547-52	9.4	43
129	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
128	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
127	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
126	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014 , 514, 92-97	50.4	401
125	Integrating genetic, transcriptional, and functional analyses to identify 5 novel genes for atrial fibrillation. <i>Circulation</i> , 2014 , 130, 1225-35	16.7	143
124	PLXNA4 is associated with Alzheimer disease and modulates tau phosphorylation. <i>Annals of Neurology</i> , 2014 , 76, 379-92	9.4	48
123	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
122	Sex- and age-interacting eQTLs in human complex diseases. <i>Human Molecular Genetics</i> , 2014 , 23, 1947-56	5.6	48
121	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
120	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

119	Gene expression and genetic variation in human atria. <i>Heart Rhythm</i> , 2014 , 11, 266-71	6.7	42
118	A novel trafficking-defective HCN4 mutation is associated with early-onset atrial fibrillation. <i>Heart Rhythm</i> , 2014 , 11, 1055-1062	6.7	43
117	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
116	Whole blood gene expression and atrial fibrillation: the Framingham Heart Study. <i>PLoS ONE</i> , 2014 , 9, e96794	3.7	18
115	Correction for multiple testing in a gene region. <i>European Journal of Human Genetics</i> , 2014 , 22, 414-8	5.3	29
114	Whole blood gene expression and interleukin-6 levels. <i>Genomics</i> , 2014 , 104, 490-5	4.3	19
113	Genetic diversity is a predictor of mortality in humans. <i>BMC Genetics</i> , 2014 , 15, 159	2.6	6
112	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
111	Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e94661	3.7	90
110	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
109	APOE genotype and MRI markers of cerebrovascular disease: systematic review and meta-analysis. <i>Neurology</i> , 2013 , 81, 292-300	6.5	104
108	Association of heat shock proteins with all-cause mortality. <i>Age</i> , 2013 , 35, 1367-76		4
107	A genome-wide association study of depressive symptoms. <i>Biological Psychiatry</i> , 2013 , 73, 667-78	7.9	135
106	Methods for meta-analysis of genetic data. <i>Current Protocols in Human Genetics</i> , 2013 , Chapter 1, Unit 1.24	3.2	3
105	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
104	Variants in the ATP-binding cassette transporter (ABCA7), apolipoprotein E ϵ 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
103	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
102	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

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5	Atrial Fibrillation Genetic Risk Differentiates Cardioembolic Stroke from other Stroke Subtypes		1
4	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program		68
3	Genomic analyses for age at menarche identify 389 independent signals and indicate BMI-independent effects of puberty timing on cancer susceptibility		1
2	GWAS of epigenetic ageing rates in blood reveals a critical role for TERT		1
1	Deep Learning of Left Atrial Structure and Function Provides Link to Atrial Fibrillation Risk		1