

Cornelia M Van Duijn

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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.

858 papers	107,560 citations	164 h-index	307 g-index
942 ext. papers	129,205 ext. citations	12 avg, IF	6.89 L-index

#	Paper	IF	Citations
858	Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010 , 466, 707-13	50.4	2742
857	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
856	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
855	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48	36.3	2267
854	Mutations in the DJ-1 gene associated with autosomal recessive early-onset parkinsonism. <i>Science</i> , 2003 , 299, 256-9	33.3	2093
853	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
852	Variant of TREM2 associated with the risk of Alzheimer's disease. <i>New England Journal of Medicine</i> , 2013 , 368, 107-16	59.2	1603
851	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8	50.4	1514
850	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90	36.3	1482
849	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010 , 42, 579-89	36.3	1449
848	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016 , 48, 1279-83	36.3	1447
847	Common variants at ABCA7, MS4A6A/MS4A4E, EPHA1, CD33 and CD2AP are associated with Alzheimer's disease. <i>Nature Genetics</i> , 2011 , 43, 429-35	36.3	1421
846	GenABEL: an R library for genome-wide association analysis. <i>Bioinformatics</i> , 2007 , 23, 1294-6	7.2	1397
845	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. <i>Nature Genetics</i> , 2009 , 41, 25-34	36.3	1368
844	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
843	Genome-wide association study of blood pressure and hypertension. <i>Nature Genetics</i> , 2009 , 41, 677-87	36.3	1065
842	Nonsteroidal antiinflammatory drugs and the risk of Alzheimer's disease. <i>New England Journal of Medicine</i> , 2001 , 345, 1515-21	59.2	1013

841	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
840	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
839	Genome-wide analysis of genetic loci associated with Alzheimer disease. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1832-40	27.4	888
838	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. <i>Nature Genetics</i> , 2012 , 44, 491-501	36.3	866
837	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016 , 533, 539-42	50.4	850
836	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
835	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. <i>Nature Genetics</i> , 2016 , 48, 134-43	36.3	769
834	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010 , 42, 949-60	36.3	724
833	Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. <i>Nature Genetics</i> , 2009 , 41, 47-55	36.3	708
832	Presenile dementia and cerebral haemorrhage linked to a mutation at codon 692 of the beta-amyloid precursor protein gene. <i>Nature Genetics</i> , 1992 , 1, 218-21	36.3	652
831	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013 , 45, 422-7, 427e1-2	36.3	624
830	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012 , 44, 991-1005	36.3	621
829	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012 , 44, 659-69	36.3	615
828	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016 , 48, 624-33	36.3	602
827	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
826	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010 , 42, 376-84	36.3	599
825	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
824	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009 , 41, 77-81	36.3	584

823	Sequence variants at CHRNA3-CHRNA6 and CYP2A6 affect smoking behavior. <i>Nature Genetics</i> , 2010 , 42, 448-53	36.3	582
822	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 433-9, 439e1-3	36.3	577
821	Twenty bone-mineral-density loci identified by large-scale meta-analysis of genome-wide association studies. <i>Nature Genetics</i> , 2009 , 41, 1199-206	36.3	566
820	GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. <i>Science</i> , 2013 , 340, 1467-71	33.3	563
819	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
818	Association of three genetic loci with uric acid concentration and risk of gout: a genome-wide association study. <i>Lancet, The</i> , 2008 , 372, 1953-61	40	520
817	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
816	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
815	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013 , 45, 145-54	36.3	505
814	Multiple loci associated with indices of renal function and chronic kidney disease. <i>Nature Genetics</i> , 2009 , 41, 712-7	36.3	469
813	Meta-analyses of genome-wide association studies identify multiple loci associated with pulmonary function. <i>Nature Genetics</i> , 2010 , 42, 45-52	36.3	467
812	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2578-89	15.1	458
811	The Generation R Study: design and cohort update 2012. <i>European Journal of Epidemiology</i> , 2012 , 27, 739-56	12.1	442
810	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013 , 45, 501-12	36.3	437
809	Alcohol consumption and risk of dementia: the Rotterdam Study. <i>Lancet, The</i> , 2002 , 359, 281-6	40	419
808	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011 , 43, 1131-8	36.3	415
807	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-2902	39.02	414
806	Apolipoprotein E4 allele in a population-based study of early-onset Alzheimer's disease. <i>Nature Genetics</i> , 1994 , 7, 74-8	36.3	413

805	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
804	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. <i>Nature</i> , 2014 , 514, 92-97	50.4	401
803	A mutation in SLC11A3 is associated with autosomal dominant hemochromatosis. <i>Nature Genetics</i> , 2001 , 28, 213-4	36.3	401
802	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. <i>Circulation</i> , 2011 , 123, 731-8	16.7	395
801	The Generation R Study: design and cohort update 2017. <i>European Journal of Epidemiology</i> , 2016 , 31, 1243-1264	12.1	395
800	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. <i>PLoS Genetics</i> , 2009 , 5, e1000508	6	393
799	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
798	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. <i>PLoS Medicine</i> , 2011 , 8, e1001116	11.6	379
797	Genomewide association studies of stroke. <i>New England Journal of Medicine</i> , 2009 , 360, 1718-28	59.2	376
796	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
795	High prevalence of mutations in the microtubule-associated protein tau in a population study of frontotemporal dementia in the Netherlands. <i>American Journal of Human Genetics</i> , 1999 , 64, 414-21	11	366
794	Genetic association of apolipoprotein E with age-related macular degeneration. <i>American Journal of Human Genetics</i> , 1998 , 63, 200-6	11	357
793	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016 , 48, 856-66	36.3	355
792	Genome-wide association study of PR interval. <i>Nature Genetics</i> , 2010 , 42, 153-9	36.3	340
791	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
790	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016 , 7, 11122	17.4	335
789	Frontotemporal dementia in The Netherlands: patient characteristics and prevalence estimates from a population-based study. <i>Brain</i> , 2003 , 126, 2016-22	11.2	330
788	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. <i>PLoS Genetics</i> , 2012 , 8, e1002607	6	326

787	Risk estimates of dementia by apolipoprotein E genotypes from a population-based incidence study: the Rotterdam Study. <i>Archives of Neurology</i> , 1998 , 55, 964-8		324
786	Genetic variants influencing circulating lipid levels and risk of coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 2264-76	9.4	318
785	Genome-wide meta-analyses of multi-ancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8	36.3	314
784	ProbABEL package for genome-wide association analysis of imputed data. <i>BMC Bioinformatics</i> , 2010 , 11, 134	3.6	310
783	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. <i>Nature</i> , 2015 , 526, 112-7	50.4	308
782	The Rotterdam Study: 2016 objectives and design update. <i>European Journal of Epidemiology</i> , 2015 , 30, 661-708	12.1	307
781	Variants in ZFHX3 are associated with atrial fibrillation in individuals of European ancestry. <i>Nature Genetics</i> , 2009 , 41, 879-81	36.3	307
780	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , 2012 , 490, 267-72	50.4	304
779	The Rotterdam Study: 2018 update on objectives, design and main results. <i>European Journal of Epidemiology</i> , 2017 , 32, 807-850	12.1	296
778	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	17.4	295
777	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
776	A genome-wide association meta-analysis identifies new childhood obesity loci. <i>Nature Genetics</i> , 2012 , 44, 526-31	36.3	292
775	Meta-analysis of telomere length in 19,713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. <i>European Journal of Human Genetics</i> , 2013 , 21, 1163-8	5.3	291
774	Multiple loci influence erythrocyte phenotypes in the CHARGE Consortium. <i>Nature Genetics</i> , 2009 , 41, 1191-8	36.3	285
773	Genome-wide association meta-analysis of 78,308 individuals identifies new loci and genes influencing human intelligence. <i>Nature Genetics</i> , 2017 , 49, 1107-1112	36.3	280
772	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , 2013 , 9, e1003500	6	277
771	Genome-wide association study of migraine implicates a common susceptibility variant on 8q22.1. <i>Nature Genetics</i> , 2010 , 42, 869-73	36.3	277
770	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013 , 45, 912-917	36.3	276

769	Genome-wide patterns and properties of de novo mutations in humans. <i>Nature Genetics</i> , 2015 , 47, 822-826	36.3	267
768	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , 2016 , 538, 248-252	36.4	266
767	Novel associations of multiple genetic loci with plasma levels of factor VII, factor VIII, and von Willebrand factor: The CHARGE (Cohorts for Heart and Aging Research in Genome Epidemiology) Consortium. <i>Circulation</i> , 2010 , 121, 1382-92	16.7	260
766	The Rotterdam Study: 2012 objectives and design update. <i>European Journal of Epidemiology</i> , 2011 , 26, 657-86	12.1	255
765	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
764	The Rotterdam Study: 2014 objectives and design update. <i>European Journal of Epidemiology</i> , 2013 , 28, 889-926	12.1	253
763	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017 , 49, 131-138	36.3	252
762	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	36.3	251
761	The Rotterdam Study: objectives and design update. <i>European Journal of Epidemiology</i> , 2007 , 22, 819-29	12.1	251
760	Genome-based prediction of common diseases: advances and prospects. <i>Human Molecular Genetics</i> , 2008 , 17, R166-73	5.6	250
759	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. <i>Nature Genetics</i> , 2010 , 42, 1068-76	36.3	249
758	Antiepileptic drug regimens and major congenital abnormalities in the offspring. <i>Annals of Neurology</i> , 1999 , 46, 739-746	9.4	247
757	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. <i>Nature Genetics</i> , 2011 , 44, 187-92	36.3	244
756	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
755	Genome-wide association analysis identifies susceptibility loci for migraine without aura. <i>Nature Genetics</i> , 2012 , 44, 777-82	36.3	243
754	Multiple genetic loci influence serum urate levels and their relationship with gout and cardiovascular disease risk factors. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 523-30		243
753	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017 , 49, 139-145	36.3	240
752	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011 , 43, 753-60	36.3	237

751	Genome-wide association study of intracranial aneurysm identifies three new risk loci. <i>Nature Genetics</i> , 2010 , 42, 420-5	36.3	234
750	Complement factor H polymorphism, complement activators, and risk of age-related macular degeneration. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 296, 301-9	27.4	234
749	Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , 2014 , 94, 223-32	11	233
748	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013 , 45, 76-82	36.3	232
747	Predicting type 2 diabetes based on polymorphisms from genome-wide association studies: a population-based study. <i>Diabetes</i> , 2008 , 57, 3122-8	0.9	231
746	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015 , 47, 589-97	36.3	229
745	A common haplotype lowers PU.1 expression in myeloid cells and delays onset of Alzheimer's disease. <i>Nature Neuroscience</i> , 2017 , 20, 1052-1061	25.5	228
744	Common polygenic variation enhances risk prediction for Alzheimer's disease. <i>Brain</i> , 2015 , 138, 3673-84	11.2	227
743	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
742	A critical appraisal of the scientific basis of commercial genomic profiles used to assess health risks and personalize health interventions. <i>American Journal of Human Genetics</i> , 2008 , 82, 593-9	11	224
741	Meta-analysis of Genome-wide Association Studies for Neuroticism, and the Polygenic Association With Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2015 , 72, 642-50	14.5	222
740	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013 , 45, 155-63	36.3	222
739	Susceptibility loci for intracranial aneurysm in European and Japanese populations. <i>Nature Genetics</i> , 2008 , 40, 1472-7	36.3	222
738	Epidemiology of Alzheimer's disease. <i>Epidemiologic Reviews</i> , 1992 , 14, 59-82	4.1	222
737	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
736	Increasing Prevalence of Myopia in Europe and the Impact of Education. <i>Ophthalmology</i> , 2015 , 122, 1489-97	9.7	220
735	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015 , 11, e1005378	6	220
734	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

733	Genome-wide association study identifies a single major locus contributing to survival into old age; the APOE locus revisited. <i>Aging Cell</i> , 2011 , 10, 686-98	9.9	218
732	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 7119-24	11.5	218
731	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
730	Collaborative meta-analysis: associations of 150 candidate genes with osteoporosis and osteoporotic fracture. <i>Annals of Internal Medicine</i> , 2009 , 151, 528-37	8	215
729	Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , 2011 , 124, 2855-64	16.7	213
728	The Rotterdam Study: 2010 objectives and design update. <i>European Journal of Epidemiology</i> , 2009 , 24, 553-72	12.1	213
727	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease-An emerging role for gut microbiome. <i>Alzheimeris and Dementia</i> , 2019 , 15, 76-92	1.2	208
726	Quantifying prion disease penetrance using large population control cohorts. <i>Science Translational Medicine</i> , 2016 , 8, 322ra9	17.5	205
725	Common variants near FRK/COL10A1 and VEGFA are associated with advanced age-related macular degeneration. <i>Human Molecular Genetics</i> , 2011 , 20, 3699-709	5.6	205
724	NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. <i>PLoS Genetics</i> , 2009 , 5, e1000539	6	203
723	Best practices and joint calling of the HumanExome BeadChip: the CHARGE Consortium. <i>PLoS ONE</i> , 2013 , 8, e68095	3.7	203
722	Metabolic network failures in Alzheimer's disease: A biochemical road map. <i>Alzheimeris and Dementia</i> , 2017 , 13, 965-984	1.2	201
721	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014 , 46, 826-36	36.3	199
720	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016 , 48, 1462-1472	36.3	198
719	Prevalence of refractive error in Europe: the European Eye Epidemiology (E(3)) Consortium. <i>European Journal of Epidemiology</i> , 2015 , 30, 305-15	12.1	193
718	A genomic background based method for association analysis in related individuals. <i>PLoS ONE</i> , 2007 , 2, e1274	3.7	191
717	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
716	Genome-wide association meta-analysis of human longevity identifies a novel locus conferring survival beyond 90 years of age. <i>Human Molecular Genetics</i> , 2014 , 23, 4420-32	5.6	188

7 ¹⁵	Fine-mapping the genetic association of the major histocompatibility complex in multiple sclerosis: HLA and non-HLA effects. <i>PLoS Genetics</i> , 2013 , 9, e1003926	6	186
7 ¹⁴	The Genome of the Netherlands: design, and project goals. <i>European Journal of Human Genetics</i> , 2014 , 22, 221-7	5.3	184
7 ¹³	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. <i>Nature Genetics</i> , 2010 , 42, 430-5	36.3	184
7 ¹²	Three genome-wide association studies and a linkage analysis identify HERC2 as a human iris color gene. <i>American Journal of Human Genetics</i> , 2008 , 82, 411-23	11	183
7 ¹¹	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
7 ¹⁰	Common genetic variants associated with cognitive performance identified using the proxy-phenotype method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13790-4	11.5	181
7 ⁰⁹	A genome-wide association study identifies a susceptibility locus for refractive errors and myopia at 15q14. <i>Nature Genetics</i> , 2010 , 42, 897-901	36.3	181
7 ⁰⁸	Predictive testing for complex diseases using multiple genes: fact or fiction?. <i>Genetics in Medicine</i> , 2006 , 8, 395-400	8.1	181
7 ⁰⁷	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. <i>Nature Communications</i> , 2016 , 7, 10495	17.4	180
7 ⁰⁶	A genome-wide association study for myopia and refractive error identifies a susceptibility locus at 15q25. <i>Nature Genetics</i> , 2010 , 42, 902-5	36.3	179
7 ⁰⁵	Genome-wide association meta-analysis for total serum bilirubin levels. <i>Human Molecular Genetics</i> , 2009 , 18, 2700-10	5.6	177
7 ⁰⁴	PredictABEL: an R package for the assessment of risk prediction models. <i>European Journal of Epidemiology</i> , 2011 , 26, 261-4	12.1	175
7 ⁰³	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012 , 44, 545-51	36.3	175
7 ⁰²	Shared constitutional risks for maternal vascular-related pregnancy complications and future cardiovascular disease. <i>Hypertension</i> , 2008 , 51, 1034-41	8.5	175
7 ⁰¹	Association between genetic variation in the gene for insulin-like growth factor-I and low birthweight. <i>Lancet, The</i> , 2002 , 359, 1036-7	40	174
7 ⁰⁰	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
6 ⁹⁹	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , 2014 , 46, 1126-1130	36.3	171
6 ⁹⁸	Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , 2014 , 94, 233-45	11	170

697	Large meta-analysis establishes the ACE insertion-deletion polymorphism as a marker of Alzheimer's disease. <i>American Journal of Epidemiology</i> , 2005 , 162, 305-17	3.8	170
696	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
695	The Generation R Study: Biobank update 2015. <i>European Journal of Epidemiology</i> , 2014 , 29, 911-27	12.1	166
694	Genetic variants associated with cardiac structure and function: a meta-analysis and replication of genome-wide association data. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 168-78	27.4	164
693	The neuronal transporter gene SLC6A15 confers risk to major depression. <i>Neuron</i> , 2011 , 70, 252-65	13.9	161
692	A genome-wide association study of optic disc parameters. <i>PLoS Genetics</i> , 2010 , 6, e1000978	6	157
691	A large-scale population-based study of the association of vitamin D receptor gene polymorphisms with bone mineral density. <i>Journal of Bone and Mineral Research</i> , 1996 , 11, 1241-8	6.3	157
690	Association of hypertension drug target genes with blood pressure and hypertension in 86,588 individuals. <i>Hypertension</i> , 2011 , 57, 903-10	8.5	154
689	Promoter mutations that increase amyloid precursor-protein expression are associated with Alzheimer disease. <i>American Journal of Human Genetics</i> , 2006 , 78, 936-46	11	154
688	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016 , 48, 1162-70	36.3	152
687	KLB is associated with alcohol drinking, and its gene product Eklotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14372-14377	11.5	150
686	Genetic determinants of circulating sphingolipid concentrations in European populations. <i>PLoS Genetics</i> , 2009 , 5, e1000672	6	150
685	Genetic variation in the KIF1B locus influences susceptibility to multiple sclerosis. <i>Nature Genetics</i> , 2008 , 40, 1402-3	36.3	150
684	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897	17.4	147
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682	Association of 5' estrogen receptor alpha gene polymorphisms with bone mineral density, vertebral bone area and fracture risk. <i>Human Molecular Genetics</i> , 2003 , 12, 1745-54	5.6	147
681	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
680	Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015 , 11, 658-71	1.2	146

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676	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , 2012 , 8, e1002490	6	145
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673	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , 2012 , 8, e1002584	6	143
672	Interaction between hypertension, apoE, and cerebral white matter lesions. <i>Stroke</i> , 2004 , 35, 1057-60	6.7	139
671	A genome-wide association search for type 2 diabetes genes in African Americans. <i>PLoS ONE</i> , 2012 , 7, e29202	3.7	138
670	The dopamine D4 receptor gene 48-base-pair-repeat polymorphism and mood disorders: a meta-analysis. <i>Biological Psychiatry</i> , 2005 , 57, 999-1003	7.9	137
669	A genome-wide association study of depressive symptoms. <i>Biological Psychiatry</i> , 2013 , 73, 667-78	7.9	135
668	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848	36.3	135
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666	The Generation R Study: design and cohort update until the age of 4 years. <i>European Journal of Epidemiology</i> , 2008 , 23, 801-11	12.1	132
665	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , 2014 , 94, 349-60	11	131
664	Common genetic determinants of intraocular pressure and primary open-angle glaucoma. <i>PLoS Genetics</i> , 2012 , 8, e1002611	6	131
663	Identification of a rare coding variant in complement 3 associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 1375-9	36.3	130
662	A genome-wide association study reveals variants in ARL15 that influence adiponectin levels. <i>PLoS Genetics</i> , 2009 , 5, e1000768	6	129

661	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. <i>Atherosclerosis</i> , 2010 , 208, 412-20	3.1	128
660	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015 , 6, 7208	17.4	126
659	A genomewide screen for late-onset Alzheimer disease in a genetically isolated Dutch population. <i>American Journal of Human Genetics</i> , 2007 , 81, 17-31	11	124
658	The vast complexity of primary open angle glaucoma: disease genes, risks, molecular mechanisms and pathobiology. <i>Progress in Retinal and Eye Research</i> , 2013 , 37, 31-67	20.5	123
657	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
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655	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. <i>Nature Communications</i> , 2014 , 5, 4926	17.4	121
654	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-463	50.4	119
653	Multiethnic genome-wide association study of cerebral white matter hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 398-409		119
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510	Discovery and fine mapping of serum protein loci through transethnic meta-analysis. <i>American Journal of Human Genetics</i> , 2012 , 91, 744-53	11	58
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91	Phenome-wide Investigation of Health Outcomes Associated with Genetic Predisposition to Loneliness		4
90	Genome-wide association study of plasma triglycerides, phospholipids and relation to cardio-metabolic risk factors		4
89	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4
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51	Novel blood pressure locus and gene discovery using GWAS and expression datasets from blood and the kidney		1
50	Exome sequencing identifies rare damaging variants in the ATP8B4 and ABCA1 genes as novel risk factors for Alzheimer's Disease		1

49	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution		1
48	Search for early pancreatic cancer blood biomarkers in five European prospective population biobanks using metabolomics		1
47	Multi-ancestry analysis of gene-sleep interactions in 126,926 individuals identifies multiple novel blood lipid loci that contribute to our understanding of sleep-associated adverse blood lipid profile		1
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