Cornelia M Van Duijn

List of Publications by Year in Descending Order

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	A multi-omics study of circulating phospholipid markers of blood pressure.. *Scientific Reports*, **2022**, 12, 574	4.9	0
857	Interpretation and actionability of genetic variants in cardiomyopathies: a position statement from the European Society of Cardiology Council on cardiovascular genomics.. *European Heart Journal*, **2022**,	9.5	3
856	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS.. *Science Translational Medicine*, **2022**, 14, eabj0264	17.5	4
855	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. *Nature Genetics*, **2022**,	36.3	7
854	DNA methylation in peripheral tissues and left-handedness.. *Scientific Reports*, **2022**, 12, 5606	4.9	0
853	New insights into the genetic etiology of Alzheimer's disease and related dementias.. *Nature Genetics*, **2022**,	36.3	27
852	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. *Molecular Psychiatry*, **2021**, 26, 2111-2125	15.1	3
851	Association of low-frequency and rare coding variants with information processing speed. *Translational Psychiatry*, **2021**, 11, 613	8.6	0
850	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
849	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration: A Mendelian Randomization Study. *JAMA Ophthalmology*, **2021**,	3.9	2
848	Metabolic profile changes in serum of migraine patients detected using H-NMR spectroscopy. *Journal of Headache and Pain*, **2021**, 22, 142	8.8	1
847	The probabilistic model of Alzheimer disease: the amyloid hypothesis revised. *Nature Reviews Neuroscience*, **2021**,	13.5	17
846	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. *Science Advances*, **2021**, 7,	14.3	11
845	Plasma Brain-Derived Neurotropic Factor Levels Are Associated with Aging and Smoking But Not with Future Dementia in the Rotterdam Study. *Journal of Alzheimeris Disease*, **2021**, 80, 1139-1149	4.3	1
844	Multiomics integrative analysis identifies allele-specific blood biomarkers associated to Alzheimer's disease etiopathogenesis. *Aging*, **2021**, 13, 9277-9329	5.6	4
843	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. *Molecular Psychiatry*, **2021**,	15.1	3
842	Plasma amyloid levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. *Alzheimeris and Dementia*, **2021**, 17, 1663-1674	1.2	5

841	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. *PLoS Genetics*, **2021**, 17, e1009497	6	5
840	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
839	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. *Nature Communications*, **2021**, 12, 3417	17.4	23
838	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. *JAMA Ophthalmology*, **2021**, 139, 601-609	3.9	4
837	Microbiomics, Metabolomics, Predicted Metagenomics, and Hepatic Steatosis in a Population-Based Study of 1,355 Adults. *Hepatology*, **2021**, 73, 968-982	11.2	13
836	Genome-wide association study identifies 48 common genetic variants associated with handedness. *Nature Human Behaviour*, **2021**, 5, 59-70	12.8	33
835	Circulating metabolites are associated with brain atrophy and white matter hyperintensities. *Alzheimeris and Dementia*, **2021**, 17, 205-214	1.2	3
834	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
833	DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. *Molecular Psychiatry*, **2021**, 26, 2148-2162	15.1	7
832	Large-scale association analyses identify host factors influencing human gut microbiome composition. *Nature Genetics*, **2021**, 53, 156-165	36.3	80
831	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. *Nature Communications*, **2021**, 12, 1258	17.4	47
830	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. *Nature Human Behaviour*, **2021**,	12.8	5
829	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. *Ophthalmology*, **2021**, 128, 1300-1311	7.3	5
828	Genome-wide association study of frontotemporal dementia identifies a C9ORF72 haplotype with a median of 12-G4C2 repeats that predisposes to pathological repeat expansions. *Translational Psychiatry*, **2021**, 11, 451	8.6	0
827	Cross-omics studies of the role of apolipoprotein E in Alzheimer's disease and dementia: Searching common pathways in patients, populations and cellular models. *Alzheimeris and Dementia*, **2020**, 16, e040282	1.2	
826	Exome sequencing identifies three novel AD-associated genes. *Alzheimeris and Dementia*, **2020**, 16, e041592	1.2	4
825	Genome-wide meta-analysis of late-onset Alzheimer's disease using rare variant imputation in 65,602 subjects identifies risk loci with roles in memory, neurodevelopment, and cardiometabolic traits: The international genomics of Alzheimer's project (IGAP). *Alzheimeris and Dementia*, **2020**, 16, e044193	1.2	0
824	SORL1-variant carriers in ADES-ADSP: A higher level of variant pathogenicity associates with earlier age at onset of Alzheimer's disease. *Alzheimeris and Dementia*, **2020**, 16, e044492	1.2	1

823	Clostridium shows a higher abundance in less neurovascular and neurodegenerative changes: A microbiome-wide association study. *Alzheimeris and Dementia*, **2020**, 16, e044743	1.2	0
822	Analysis of individual families implicates noncoding DNA variation and multiple biological pathways in Alzheimer disease risk. *Alzheimeris and Dementia*, **2020**, 16, e046456	1.2	
821	Cerebral small vessel disease genomics and its implications across the lifespan. *Nature Communications*, **2020**, 11, 6285	17.4	22
820	Habitual sleep disturbances and migraine: a Mendelian randomization study. *Annals of Clinical and Translational Neurology*, **2020**, 7, 2370-2380	5.3	6
819	Refining Attention-Deficit/Hyperactivity Disorder and Autism Spectrum Disorder Genetic Loci by Integrating Summary Data From Genome-wide Association, Gene Expression, and DNA Methylation Studies. *Biological Psychiatry*, **2020**, 88, 470-479	7.9	6
818	CDH6 and HAGH protein levels in plasma associate with Alzheimer's disease in APOE 4 carriers. *Scientific Reports*, **2020**, 10, 8233	4.9	4
817	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. *PLoS ONE*, **2020**, 15, e0230815	3.7	4
816	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
815	Integrating Metabolomics, Genomics, and Disease Pathways in Age-Related Macular Degeneration: The EYE-RISK Consortium. *Ophthalmology*, **2020**, 127, 1693-1709	7.3	11
814	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. *Stroke*, **2020**, 51, 2111-2121	6.7	23
813	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. *Communications Biology*, **2020**, 3, 133	6.7	9
812	Prion protein codon 129 polymorphism in mild cognitive impairment and dementia: the Rotterdam Study. *Brain Communications*, **2020**, 2, fcaa030	4.5	0
811	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. *Nature Communications*, **2020**, 11, 3368	17.4	22
810	Measurement and genetic architecture of lifetime depression in the Netherlands as assessed by LIDAS (Lifetime Depression Assessment Self-report). *Psychological Medicine*, **2020**, 1-10	6.9	2
809	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. *American Journal of Human Genetics*, **2020**, 106, 389-404	11	40
808	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drug-metabolite atlas. *Nature Medicine*, **2020**, 26, 110-117	50.5	19
807	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. *Nature Genetics*, **2020**, 52, 160-166	36.3	78
806	Exome Sequencing Analysis Identifies Rare Variants in and That Are Associated With Shorter Telomere Length. *Frontiers in Genetics*, **2020**, 11, 337	4.5	1

805	Heritability estimates for 361 blood metabolites across 40 genome-wide association studies. *Nature Communications*, **2020**, 11, 39	17.4	21
804	Lipidomic profiling identifies signatures of metabolic risk. *EBioMedicine*, **2020**, 51, 102520	8.8	27
803	Association of lysophosphatidic acids with cerebrospinal fluid biomarkers and progression to Alzheimer's disease. *Alzheimeris Research and Therapy*, **2020**, 12, 124	9	3
802	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. *Nature Communications*, **2020**, 11, 4796	17.4	16
801	A cross-omics integrative study of metabolic signatures of chronic obstructive pulmonary disease. *BMC Pulmonary Medicine*, **2020**, 20, 193	3.5	3
800	Metabolic Age Based on the BBMRI-NL H-NMR Metabolomics Repository as Biomarker of Age-related Disease. *Circulation Genomic and Precision Medicine*, **2020**, 13, 541-547	5.2	7
799	Genome-wide identification of genes regulating DNA methylation using genetic anchors for causal inference. *Genome Biology*, **2020**, 21, 220	18.3	10
798	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. *Lancet Neurology, The*, **2020**, 19, 840-848	24.1	15
797	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10
796	Association of common genetic variants with brain microbleeds: A genome-wide association study. *Neurology*, **2020**, 95, e3331-e3343	6.5	10
795	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. *Circulation Genomic and Precision Medicine*, **2020**, 13, 387-395	5.2	4
794	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
793	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. *Molecular Psychiatry*, **2020**, 25, 1859-1875	15.1	106
792	Novel Rare Genetic Variants Associated with Airflow Obstruction in the General Population. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 485-488	10.2	2
791	Metabolomics Profile in Depression: A Pooled Analysis of 230 Metabolic Markers in 5283 Cases With Depression and 10,145 Controls. *Biological Psychiatry*, **2020**, 87, 409-418	7.9	51
790	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. *International Journal of Epidemiology*, **2020**, 49, 1022-1031	7.8	15
789	Association of circulating metabolites in plasma or serum and risk of stroke: Meta-analysis from seven prospective cohorts. *Neurology*, **2020**,	6.5	9
788	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		

787	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
786	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
785	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose **2020**, 15, e0230815		
784	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. *Science Advances*, **2019**, 5, eaaw3095	14.3	39
783	Phenome-wide investigation of health outcomes associated with genetic predisposition to loneliness. *Human Molecular Genetics*, **2019**, 28, 3853-3865	5.6	29
782	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
781	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. *European Journal of Human Genetics*, **2019**, 27, 952-962	5.3	18
780	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
779	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. *Nature Communications*, **2019**, 10, 376	17.4	41
778	Occupational exposure to gases/fumes and mineral dust affect DNA methylation levels of genes regulating expression. *Human Molecular Genetics*, **2019**, 28, 2477-2485	5.6	4
777	Analysis of Whole-Exome Sequencing Data for Alzheimer Disease Stratified by APOE Genotype. *JAMA Neurology*, **2019**, 76, 1099-1108	17.2	18
776	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *American Journal of Human Genetics*, **2019**, 105, 15-28	11	12
775	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
774	Search for Early Pancreatic Cancer Blood Biomarkers in Five European Prospective Population Biobanks Using Metabolomics. *Endocrinology*, **2019**, 160, 1731-1742	4.8	12
773	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. *Nature Communications*, **2019**, 10, 2581	17.4	31
772	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
771	Revisiting the Role of Insulin-Like Growth Factor-I Receptor Stimulating Activity and the Apolipoprotein E in Alzheimer's Disease. *Frontiers in Aging Neuroscience*, **2019**, 11, 20	5.3	17
770	Independent Multiple Factor Association Analysis for Multiblock Data in Imaging Genetics. *Neuroinformatics*, **2019**, 17, 583-592	3.2	2

769	The Epistasis Project: A Multi-Cohort Study of the Effects of BDNF, DBH, and SORT1 Epistasis on Alzheimer's Disease Risk. *Journal of Alzheimeris Disease*, **2019**, 68, 1535-1547	4.3	5
768	Association of variants in HTRA1 and NOTCH3 with MRI-defined extremes of cerebral small vessel disease in older subjects. *Brain*, **2019**, 142, 1009-1023	11.2	21
767	Limited overlap in significant hits between genome-wide association studies on two airflow obstruction definitions in the same population. *BMC Pulmonary Medicine*, **2019**, 19, 58	3.5	2
766	Loss of DPP6 in neurodegenerative dementia: a genetic player in the dysfunction of neuronal excitability. *Acta Neuropathologica*, **2019**, 137, 901-918	14.3	21
765	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human Molecular Genetics*, **2019**, 28, 2615-2633	5.6	14
764	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. *Nature Genetics*, **2019**, 51, 636-648	36.3	59
763	Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. *Neurology*, **2019**, 92, e1899-e1911	6.5	26
762	Association of metformin, sulfonylurea and insulin use with brain structure and function and risk of dementia and Alzheimer's disease: Pooled analysis from 5 cohorts. *PLoS ONE*, **2019**, 14, e0212293	3.7	36
761	Linkage analysis and whole exome sequencing identify a novel candidate gene in a Dutch multiple sclerosis family. *Multiple Sclerosis Journal*, **2019**, 25, 909-917	5	10
760	Quality control and integration of genotypes from two calling pipelines for whole genome sequence data in the Alzheimer's disease sequencing project. *Genomics*, **2019**, 111, 808-818	4.3	10
759	EIF2AK3 variants in Dutch patients with Alzheimer's disease. *Neurobiology of Aging*, **2019**, 73, 229.e11-229.e18	5.6	7
758	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. *Nature Communications*, **2019**, 10, 3346	17.4	89
757	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. *Communications Biology*, **2019**, 2, 285	6.7	14
756	A meta-analysis of genome-wide association studies identifies multiple longevity genes. *Nature Communications*, **2019**, 10, 3669	17.4	102
755	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. *Scientific Reports*, **2019**, 9, 11623	4.9	2
754	Determining Possible Shared Genetic Architecture Between Myopia and Primary Open-Angle Glaucoma **2019**, 60, 3142-3149		5
753	Association of Altered Liver Enzymes With Alzheimer Disease Diagnosis, Cognition, Neuroimaging Measures, and Cerebrospinal Fluid Biomarkers. *JAMA Network Open*, **2019**, 2, e197978	10.4	60
752	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. *Scientific Reports*, **2019**, 9, 9439	4.9	3

751	Disentangling the genetics of lean mass. *American Journal of Clinical Nutrition*, **2019**, 109, 276-287	7	24
750	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
749	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. *JAMA - Journal of the American Medical Association*, **2019**, 322, 1682-1691	27.4	31
748	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. *Nature Communications*, **2019**, 10, 5121	17.4	31
747	Genetic variation underlying cognition and its relation with neurological outcomes and brain imaging. *Aging*, **2019**, 11, 1440-1456	5.6	1
746	Epigenome-wide Association Study of Attention-Deficit/Hyperactivity Disorder Symptoms in Adults. *Biological Psychiatry*, **2019**, 86, 599-607	7.9	24
745	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A tau, immunity and lipid processing. *Nature Genetics*, **2019**, 51, 414-430	36.3	917
744	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
743	Relationship between gut microbiota and circulating metabolites in population-based cohorts. *Nature Communications*, **2019**, 10, 5813	17.4	63
742	DNA methylation is associated with lung function in never smokers. *Respiratory Research*, **2019**, 20, 268	7.3	7
741	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. *Communications Biology*, **2019**, 2, 435	6.7	10
740	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	36.3	81
739	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. *Neurology*, **2019**,	6.5	17
738	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease-An emerging role for gut microbiome. *Alzheimeris and Dementia*, **2019**, 15, 76-92	1.2	208
737	Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers. *Alzheimeris and Dementia*, **2019**, 15, 232-244	1.2	95
736	Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration: Evidence from the EYE-RISK and European Eye Epidemiology Consortia. *Ophthalmology*, **2019**, 126, 393-406	7.3	49
735	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. *Molecular Psychiatry*, **2019**, 24, 757-771	15.1	30
734	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. *Alzheimeris and Dementia*, **2018**, 14, 723-733	1.2	90

733	Disentangling the biological pathways involved in early features of Alzheimer's disease in the Rotterdam Study. *Alzheimeris and Dementia*, **2018**, 14, 848-857	1.2	23
732	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. *Nature Genetics*, **2018**, 50, 652-656	36.3	59
731	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
730	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. *Human Molecular Genetics*, **2018**, 27, 396-405	5.6	19
729	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. *European Journal of Human Genetics*, **2018**, 26, 709-722	5.3	16
728	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. *Alzheimeris and Dementia*, **2018**, 14, 707-722	1.2	76
727	Meta-analysis of epigenome-wide association studies of cognitive abilities. *Molecular Psychiatry*, **2018**, 23, 2133-2144	15.1	46
726	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. *American Journal of Human Genetics*, **2018**, 102, 88-102	11	119
725	Meta-analysis of genome-wide association studies identifies 8 novel loci involved in shape variation of human head hair. *Human Molecular Genetics*, **2018**, 27, 559-575	5.6	33
724	Whole-Exome Sequencing in Age-Related Macular Degeneration Identifies Rare Variants in COL8A1, a Component of Bruch's Membrane. *Ophthalmology*, **2018**, 125, 1433-1443	7.3	20
723	DNA methylation signatures of educational attainment. *Npj Science of Learning*, **2018**, 3, 7	6	14
722	The effect of APOE and other common genetic variants on the onset of Alzheimer's disease and dementia: a community-based cohort study. *Lancet Neurology, The*, **2018**, 17, 434-444	24.1	101
721	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. *Atherosclerosis*, **2018**, 272, 60-65	3.1	21
720	Heritability and genome-wide associations studies of cerebral blood flow in the general population. *Journal of Cerebral Blood Flow and Metabolism*, **2018**, 38, 1598-1608	7.3	8
719	Age at onset of genetic (E200K) and sporadic Creutzfeldt-Jakob diseases is modulated by the gene. *Journal of Neurology, Neurosurgery and Psychiatry*, **2018**, 89, 1243-1249	5.5	9
718	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. *Nature Communications*, **2018**, 9, 2904	17.4	39
717	A Genome-Wide Linkage Study for Chronic Obstructive Pulmonary Disease in a Dutch Genetic Isolate Identifies Novel Rare Candidate Variants. *Frontiers in Genetics*, **2018**, 9, 133	4.5	5
716	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. *Stroke*, **2018**, 49, 1812-1819	6.7	10

715	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
714	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. *Journal of the American Heart Association*, **2018**, 7,	6	14
713	A combined linkage, microarray and exome analysis suggests MAP3K11 as a candidate gene for left ventricular hypertrophy. *BMC Medical Genomics*, **2018**, 11, 22	3.7	2
712	Male-specific epistasis between WWC1 and TLN2 genes is associated with Alzheimer's disease. *Neurobiology of Aging*, **2018**, 72, 188.e3-188.e12	5.6	13
711	Three VCP Mutations in Patients with Frontotemporal Dementia. *Journal of Alzheimeris Disease*, **2018**, 65, 1139-1146	4.3	11
710	Genome-wide identification of directed gene networks using large-scale population genomics data. *Nature Communications*, **2018**, 9, 3097	17.4	13
709	Standard process-oriented workflow introduces pre-analytical error when used in large study sample batches. *Clinical Chemistry and Laboratory Medicine*, **2018**, 56, e277-e279	5.9	
708	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
707	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nature Genetics*, **2018**, 50, 524-537	36.3	536
706	F3-02-02: CIRCULATING METABOLITES ASSOCIATION WITH ALZHEIMER'S DISEASE ASSOCIATED GENETIC VARIANTS **2018**, 14, P997-P998		
705	P1-156: GENE-BASED ANALYSES IN WHOLE GENOME SEQUENCING OF FAMILIAL LATE-ONSET ALZHEIMER'S DISEASE **2018**, 14, P336-P337		
704	O5-04-05: GENETIC VARIATION UNDERLYING COGNITION AND ITS RELATION WITH NEUROLOGICAL OUTCOMES **2018**, 14, P1652-P1653		
703	P3-134: CIRCULATING METABOLITES ARE ASSOCIATED WITH WHITE MATTER HYPERINTENSITIES **2018**, 14, P1119-P1119		
702	P1-297: METABOLIC BLOOD-BASED BIOMARKERS RELATE TO BRAIN ATROPHY AND WHITE MATTER HYPERINTENSITIES IN ALZHEIMER'S DISEASE **2018**, 14, P401-P403		
701	P1-298: CEREBROSPINAL FLUID AND PLASMA LEVELS OF LYSOPHOSPHATIDIC ACIDS (LPAS) ASSOCIATE WITH CEREBROSPINAL FLUID A42 AND P-TAU **2018**, 14, P403-P403		
700	P2-108: WHOLE-GENOME SEQUENCING IN NON-HISPANIC WHITE FAMILIES IMPLICATES RARE VARIATION IN LATE-ONSET ALZHEIMER'S DISEASE RISK **2018**, 14, P710-P710		
699	Blood Metabolomic Measures Associate With Present and Future Glycemic Control in Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 4569-4579	5.6	18
698	From blood to lung tissue: effect of cigarette smoke on DNA methylation and lung function. *Respiratory Research*, **2018**, 19, 212	7.3	29

697	Alzheimer's disease in Down syndrome: An overlooked population for prevention trials. *Alzheimeris and Dementia: Translational Research and Clinical Interventions*, **2018**, 4, 703-713	6	41
696	P4-042: HIGH-DIMENSIONAL ANALYSIS OF RNA EXPRESSION WITH CORTICAL THICKNESS **2018**, 14, P1449-P1449		
695	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. *Nature Communications*, **2018**, 9, 5141	17.4	64
694	Long-term Air Pollution Exposure, Genome-wide DNA Methylation and Lung Function in the LifeLines Cohort Study. *Environmental Health Perspectives*, **2018**, 126, 027004	8.4	50
693	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. *Nature Communications*, **2018**, 9, 3945	17.4	16
692	Whole-Genome Linkage Scan Combined With Exome Sequencing Identifies Novel Candidate Genes for Carotid Intima-Media Thickness. *Frontiers in Genetics*, **2018**, 9, 420	4.5	1
691	ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. *Circulation Genomic and Precision Medicine*, **2018**, 11, e001758	5.2	14
690	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. *Nature Communications*, **2018**, 9, 4228	17.4	31
689	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. *Human Genetics*, **2018**, 137, 847-862	6.3	25
688	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. *Cell*, **2018**, 175, 1679-1687.e772		
687	Occupational exposure to pesticides is associated with differential DNA methylation. *Occupational and Environmental Medicine*, **2018**, 75, 427-435	2.1	37
686	Autosomal genetic variation is associated with DNA methylation in regions variably escaping X-chromosome inactivation. *Nature Communications*, **2018**, 9, 3738	17.4	12
685	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
684	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. *Nature Genetics*, **2018**, 50, 834-848	36.3	135
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639	[P1□139]: PATHWAY-SPECIFIC GENETIC RISK SCORE ASSOCIATED WITH ALZHEIMER's DISEASE AND WHITE MATTER LESIONS IN COGNITIVELY NORMAL SUBJECTS **2017**, 13, P295-P296		
638	[O2□08□3]: WHOLE-GENOME SEQUENCING IN FAMILIAL LATE-ONSET ALZHEIMER's DISEASE IDENTIFIES RARE VARIATION IN AD CANDIDATE GENES **2017**, 13, P571-P572		1
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18	Discovering patterns of pleiotropy in genome-wide association studies		1
17	Disease variants alter transcription factor levels and methylation of their binding sites		6
16	Hypothesis-free identification of modulators of genetic risk factors		7
15	A reference panel of 64,976 haplotypes for genotype imputation		15
14	Novel blood pressure locus and gene discovery using GWAS and expression datasets from blood and the kidney		1

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11	Genetic analysis of over one million people identifies 535 novel loci for blood pressure	4
10	Large-scale association analyses identify host factors influencing human gut microbiome composition	9
9	Exome sequencing identifies rare damaging variants in the ATP8B4 and ABCA1 genes as novel risk factors for Alzheimer's Disease	1
8	Altered Bile Acid Profile Associates with Cognitive Impairment in Alzheimer's Disease – An Emerging Role for Gut Microbiome	2
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4	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
3	Genome-wide association study of plasma triglycerides, phospholipids and relation to cardio-metabolic risk factors	4
2	The genomic architecture of blood metabolites based on a decade of genome-wide analyses	1
1	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation	4