

# CITATION REPORT

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**Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes**

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866	Collagen-binding Streptococcus mutans tied to cerebral microbleeds and intracerebral hemorrhage. <b>2018</b> , 13, 219-224		2
865	Genetically Determined Platelet Count and Risk of Cardiovascular Disease. <b>2018</b> , 38, 2862-2869		17
864	Stroke in the 21 Century: A Snapshot of the Burden, Epidemiology, and Quality of Life. <b>2018</b> , 2018, 3238165		270
863	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <b>2018</b> , 9, 5141		64
862	Association between polymorphisms in microRNAs and ischemic stroke in an Asian population: evidence based on 6,083 cases and 7,248 controls. <b>2018</b> , 13, 1709-1726		9
861	A synthesis approach of mouse studies to identify genes and proteins in arterial thrombosis and bleeding. <b>2018</b> , 132, e35-e46		20
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858	Circulating Vitamin K Levels in Relation to Ischemic Stroke and Its Subtypes: A Mendelian Randomization Study. <b>2018</b> , 10,		8
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669	An integrated Asian human SNV and indel benchmark established using multiple sequencing methods. <b>2020</b> , 10, 9821	2
668	Genetically determined blood pressure, antihypertensive drug classes, and risk of stroke subtypes. <b>2020</b> , 95, e353-e361	19
667	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <b>2020</b> , 11, 3368	22
666	Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics. <b>2020</b> , 12,	27
665	A Platelet Function Modulator of Thrombin Activation Is Causally Linked to Cardiovascular Disease and Affects PAR4 Receptor Signaling. <b>2020</b> , 107, 211-221	9
664	Genetic Etiology Shared by Multiple Sclerosis and Ischemic Stroke. <b>2020</b> , 11, 646	5
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662	Coffee Consumption and Risk of Stroke: A Mendelian Randomization Study. <b>2020</b> , 87, 525-532	12
661	Genome-Wide Association Study of VKORC1 and CYP2C9 on acenocoumarol dose, stroke recurrence and intracranial haemorrhage in Spain. <b>2020</b> , 10, 2806	4
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658	Effects of Genetic Variants on Stroke Risk. <b>2020</b> , 51, 736-741	1
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656	Genetic determinants of blood lipids and cerebral small vessel disease: role of high-density lipoprotein cholesterol. <b>2020</b> , 143, 597-610	17
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654	Heart Disease and Stroke Statistics-2020 Update: A Report From the American Heart Association. <b>2020</b> , 141, e139-e596	2824
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651	Risk of Stroke in Patients With Atrial Fibrillation Is Associated With Stroke in Siblings: A Nationwide Study. <b>2020</b> , 9, e014132		4
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649	Genetic identification of cell types underlying brain complex traits yields insights into the etiology of Parkinson's disease. <i>Nature Genetics</i> , <b>2020</b> , 52, 482-493	36.3	79
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646	Genetic predisposition to smoking in relation to 14 cardiovascular diseases. <b>2020</b> , 41, 3304-3310		36
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644	Fat mass and fat-free mass in relation to cardiometabolic diseases: a two-sample Mendelian randomization study. <b>2020</b> , 288, 260-262		7
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642	Genetic Disorders of the Glomerular Filtration Barrier. <b>2020</b> , 15, 1818-1828		11
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638	Platelet Glycoprotein Ib EChain as a Putative Therapeutic Target for Juvenile Idiopathic Arthritis: A Mendelian Randomization Study. <b>2021</b> , 73, 693-701		3
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632	Brain arteriolosclerosis. <b>2021</b> , 141, 1-24	26
631	From Bedside to Bench: Methods in Precision Medicine. <b>2021</b> , 289-307	
630	Future Application: Prognosis Determination. <b>2021</b> , 191-258	
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615	Post-stroke Depression: Genetics, Mechanisms, and Treatment. <b>2021</b> , 1-13	
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608	Heart Disease and Stroke Statistics-2021 Update: A Report From the American Heart Association. <b>2021</b> , 143, e254-e743	1087
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606	Urate, Blood Pressure, and Cardiovascular Disease: Evidence From Mendelian Randomization and Meta-Analysis of Clinical Trials. <b>2021</b> , 77, 383-392	15
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603	Genome-wide analysis suggests the importance of vascular processes and neuroinflammation in late-life antidepressant response. <b>2021</b> , 11, 127	5
602	Association of Sleep Duration With Atrial Fibrillation and Heart Failure: A Mendelian Randomization Analysis. <b>2021</b> , 12, 583658	4
601	No Clinically Relevant Effect of Heart Rate Increase and Heart Rate Recovery During Exercise on Cardiovascular Disease: A Mendelian Randomization Analysis. <b>2021</b> , 12, 569323	2
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599	Genetic insight into sick sinus syndrome. <b>2021</b> , 42, 1959-1971	7



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594	Genetically-proxied therapeutic inhibition of antihypertensive drug targets and risk of common cancers.	0
593	Single nucleotide variations in ZBTB46 are associated with post-thrombolytic parenchymal haematoma. <b>2021</b> , 144, 2416-2426	6
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587	Impact of high glucose levels and glucose lowering on risk of ischaemic stroke: a Mendelian randomisation study and meta-analysis. <b>2021</b> , 64, 1492-1503	3
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581	Whole-exome sequencing in 16,511 individuals reveals a role of the HTRA1 protease and its substrate EGFL8 in brain white matter hyperintensities.	

580	Educational attainment as a modifier of the effect of polygenic scores for cardiovascular risk factors: cross-sectional and prospective analysis of UK Biobank.	
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576	Life-Time Covariation of Major Cardiovascular Diseases: A 40-Year Longitudinal Study and Genetic Studies. <b>2021</b> , 14, e002963	1
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573	Effect of genetic liability to visceral adiposity on stroke and its subtypes: A Mendelian randomization study. <b>2021</b> , 17474930211006285	1
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569	Low-density lipoprotein cholesterol and lifespan: A Mendelian randomization study. <b>2021</b> , 87, 3916-3924	0
568	A Mendelian Randomization Study of Plasma Homocysteine Levels and Cerebrovascular and Neurodegenerative Diseases. <b>2021</b> , 12, 653032	2
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563	Genetically Proxied Inhibition of Coagulation Factors and Risk of Cardiovascular Disease: A Mendelian Randomization Study. <b>2021</b> , 10, e019644	3

562	The copy number variation and stroke (CaNVAS) risk and outcome study. <b>2021</b> , 16, e0248791	
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560	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. <b>2021</b> , 20, 351-361	21
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558	Identifying novel genetic risk loci for lacunar stroke. <b>2021</b> , 20, 329-330	
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556	A framework to decipher the genetic architecture of combinations of complex diseases: Applications in cardiovascular medicine. <b>2021</b> ,	1
555	Genetically predicted circulating vitamin C in relation to cardiovascular disease. <b>2021</b> ,	2
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551	Development and Validation of a Polygenic Risk Score for Stroke in the Chinese Population. <b>2021</b> , 97, e619-e628	2
550	Cardiovascular disease risk and pathophysiology in South Asians: can longitudinal multi-omics shed light?. <b>2020</b> , 5, 255	0
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548	ESO Guideline on covert cerebral small vessel disease. <b>2021</b> , 6, CXI-CLXII	15
547	Precision Medicine Approaches to Vascular Disease: JACC Focus Seminar 2/5. <b>2021</b> , 77, 2531-2550	3
546	Exploring the causal inference of shear stress associated DNA methylation in carotid plaque on cardiovascular risk. <b>2021</b> , 325, 30-37	0
545	Causal associations of serum matrix metalloproteinase-8 level with ischaemic stroke and ischaemic stroke subtypes: a Mendelian randomization study. <b>2021</b> , 28, 2543-2551	2

544	Causal effects of plasma lipids on the risk of atrial fibrillation: A multivariable mendelian randomization study. <b>2021</b> , 31, 1569-1578	2
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541	Integrative Multi-omics Analysis to Characterize Human Brain Ischemia. <b>2021</b> , 58, 4107-4121	4
540	Impact of lung function on cardiovascular diseases and cardiovascular risk factors: a two sample bidirectional Mendelian randomisation study. <b>2021</b> ,	5
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538	Genetic variations in medical research in the past, at present and in the future. <b>2021</b> , 97, 324-335	2
537	Understanding Factors That Cause Tinnitus: A Mendelian Randomization Study in the UK Biobank. <b>2021</b> , 43,	0
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535	Genetic Determinants of Peripheral Artery Disease. <b>2021</b> , 128, 1805-1817	2
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533	Stroke in women: When gender matters. <b>2021</b> , 177, 881-889	2
532	Common genetic variation influencing human white matter microstructure. <b>2021</b> , 372,	18
531	Validation of an Integrated Risk Tool, Including Polygenic Risk Score, for Atherosclerotic Cardiovascular Disease in Multiple Ethnicities and Ancestries. <b>2021</b> , 148, 157-164	10
530	Regulatory SNPs: Altered Transcription Factor Binding Sites Implicated in Complex Traits and Diseases. <b>2021</b> , 22,	7
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525	A two-sample Mendelian randomization analysis of heart rate variability and cerebral small vessel disease. <b>2021</b> , 23, 1608-1614	3
524	Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. <b>2021</b> , 10,	1
523	Molecular Analysis of Prothrombotic Gene Variants in Patients with Acute Ischemic Stroke and with Transient Ischemic Attack. <b>2021</b> , 57,	1
522	Genomic atlas of the proteome from brain, CSF and plasma prioritizes proteins implicated in neurological disorders. <b>2021</b> , 24, 1302-1312	9
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517	Constrained maximum likelihood-based Mendelian randomization robust to both correlated and uncorrelated pleiotropic effects. <b>2021</b> , 108, 1251-1269	13
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515	Technological readiness and implementation of genomic-driven precision medicine for complex diseases. <b>2021</b> , 290, 602-620	6
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513	Cognitive Impairment and Dementia After Stroke: Design and Rationale for the DISCOVERY Study. <b>2021</b> , 52, e499-e516	6
512	Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis. <b>2021</b> , 52, 2680-2684	3
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510	A multidimensional Mendelian randomization study on the impact of gut dysbiosis on chronic diseases and human longevity.	
509	Cannabis Use and the Risk of Cardiovascular Diseases: A Mendelian Randomization Study. <b>2021</b> , 8, 676850	1

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507	Genetically Predicted Insomnia in Relation to 14 Cardiovascular Conditions and 17 Cardiometabolic Risk Factors: A Mendelian Randomization Study. <b>2021</b> , 10, e020187	2
506	Deep Learning of Left Atrial Structure and Function Provides Link to Atrial Fibrillation Risk.	1
505	Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease. <b>2021</b> , 144, 353-364	6
504	Genetics of macrovascular complications in type 2 diabetes. <b>2021</b> , 12, 1200-1219	1
503	Alcohol use and cardiometabolic risk in the UK Biobank: A Mendelian randomization study. <b>2021</b> , 16, e0255801	4
502	Emerging Concepts in Vascular Dementia: A Review. <b>2021</b> , 30, 105864	9
501	Genetic variants link lower segregation of brain networks to higher blood pressure and worse cognition within the general aging population.	1
500	Predictive Performance of a Polygenic Risk Score for Incident Ischemic Stroke in a Healthy Older Population. <b>2021</b> , 52, 2882-2891	3
499	Using Human Genetics to Understand Mechanisms in Ischemic Stroke Outcome: From Early Brain Injury to Long-Term Recovery. <b>2021</b> , 52, 3013-3024	2
498	Neuroticism Increases the Risk of Stroke: Mendelian Randomization Study. <b>2021</b> , 52, e742-e743	1
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496	Risk Prediction Using Polygenic Risk Scores for Prevention of Stroke and Other Cardiovascular Diseases. <b>2021</b> , 52, 2983-2991	2
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493	Impact of risk factors for major cardiovascular diseases: a comparison of life-time observational and Mendelian randomisation findings. <b>2021</b> , 8,	3
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491	Trans-ancestry genome-wide analysis of atrial fibrillation provides new insights into disease biology and enables polygenic prediction of cardioembolic risk.	

490	Daytime sleepiness and risk of stroke: A Mendelian randomization analysis. <b>2021</b> , 208, 106857	0
489	Physical Activity and Risks of Cardiovascular Diseases: A Mendelian Randomization Study. <b>2021</b> , 8, 722154	0
488	Sex Differences in Hypertrophic Cardiomyopathy: Interaction With Genetics and Environment. <b>2021</b> , 18, 264-273	2
487	Mendelian Randomization Studies in Stroke: Exploration of Risk Factors and Drug Targets With Human Genetic Data. <b>2021</b> , 52, 2992-3003	4
486	Blood copper and risk of cardiometabolic diseases-A Mendelian randomization study. <b>2021</b> ,	1
485	Genome-wide pleiotropy analysis identifies novel blood pressure variants and improves its polygenic risk scores.	
484	Rare genetic coding variants associated with human longevity and protection against age-related diseases. <b>2021</b> , 1, 783-794	4
483	Stroke Genetics: Turning Discoveries into Clinical Applications. <b>2021</b> , 52, 2974-2982	0
482	Therapeutic Inhibition of Acid-Sensing Ion Channel 1a Recovers Heart Function After Ischemia-Reperfusion Injury. <b>2021</b> , 144, 947-960	8
481	Mendelian randomization study on atrial fibrillation and cardiovascular disease subtypes. <b>2021</b> , 11, 18682	1
480	Potential Key Genes Associated with Stroke types and its subtypes: A Computational Approach.	
479	Large-Scale Screening for Monogenic and Clinically Defined Familial Hypercholesterolemia in Iceland. <b>2021</b> , 41, 2616-2628	4
478	Sleep-disordered breathing-related symptoms and risk of stroke: cohort study and Mendelian randomization analysis. <b>2021</b> , 1	1
477	Microneedle-mediated vascular endothelial growth factor delivery promotes angiogenesis and functional recovery after stroke. <b>2021</b> , 338, 610-622	5
476	Stroke Prevention After Intracerebral Hemorrhage: Where Are We Now?. <b>2021</b> , 23, 162	1
475	The impact of plasma vitamin C levels on the risk of cardiovascular diseases and Alzheimer's disease: A Mendelian randomization study. <b>2021</b> , 40, 5327-5334	5
474	Lacunar Syndromes, Lacunar Infarcts, and Cerebral Small-Vessel Disease. <b>2022</b> , 404-421.e4	
473	Genetic Basis of Stroke Occurrence, Prevention, and Outcome. <b>2022</b> , 237-246.e4	

472	OMICs in Stroke: Insight Into Stroke Through Epigenomics, Transcriptomics, Proteomics, Lipidomics, and Metabolomics. <b>2022</b> , 714-722.e2	
471	Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease.	
470	The associations of plasma phospholipid arachidonic acid with cardiovascular diseases: A Mendelian randomization study. <b>2021</b> , 63, 103189	5
469	Machine learning in cardiovascular genomics, proteomics, and drug discovery. <b>2021</b> , 325-352	1
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