

# Matthew Traylor

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

6,875  
citations

87843

38  
h-index

69214

77  
g-index

86  
all docs

86  
docs citations

86  
times ranked

10349  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	9.4	1,124
2	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2012, 11, 951-962.	4.9	445
3	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. <i>Nature Genetics</i> , 2012, 44, 328-333.	9.4	375
4	Genetic Heritability of Ischemic Stroke and the Contribution of Previously Reported Candidate Gene and Genomewide Associations. <i>Stroke</i> , 2012, 43, 3161-3167.	1.0	329
5	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	9.4	261
6	Modifiable pathways in Alzheimer's disease: Mendelian randomisation analysis. <i>BMJ: British Medical Journal</i> , 2017, 359, j5375.	2.4	239
7	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , The, 2016, 15, 174-184.	4.9	217
8	An Examination of Polygenic Score Risk Prediction in Individuals With First-Episode Psychosis. <i>Biological Psychiatry</i> , 2017, 81, 470-477.	0.7	176
9	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
10	Genetic risk, incident stroke, and the benefits of adhering to a healthy lifestyle: cohort study of 306,473 UK Biobank participants. <i>BMJ: British Medical Journal</i> , 2018, 363, k4168.	2.4	161
11	Common variants at 6p21.1 are associated with large artery atherosclerotic stroke. <i>Nature Genetics</i> , 2012, 44, 1147-1151.	9.4	152
12	Genetically Determined Levels of Circulating Cytokines and Risk of Stroke. <i>Circulation</i> , 2019, 139, 256-268.	1.6	147
13	Ischemic stroke is associated with the <i>ABO</i> locus: The EuroCLOT study. <i>Annals of Neurology</i> , 2013, 73, 16-31.	2.8	144
14	Low-frequency and common genetic variation in ischemic stroke. <i>Neurology</i> , 2016, 86, 1217-1226.	1.5	141
15	Role of Blood Lipids in the Development of Ischemic Stroke and its Subtypes. <i>Stroke</i> , 2018, 49, 820-827.	1.0	132
16	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2016, 15, 695-707.	4.9	130
17	CWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	5.8	119
18	Common variation in <i>COL4A1/COL4A2</i> is associated with sporadic cerebral small vessel disease. <i>Neurology</i> , 2015, 84, 918-926.	1.5	106

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19	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. <i>Lancet Neurology</i> , The, 2021, 20, 351-361.	4.9	95
20	Genome-wide association study of MRI markers of cerebral small vessel disease in 42,310 participants. <i>Nature Communications</i> , 2020, 11, 2175.	5.8	93
21	Shared genetic basis for migraine and ischemic stroke. <i>Neurology</i> , 2015, 84, 2132-2145.	1.5	91
22	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. <i>Neurology</i> , 2016, 86, 146-153.	1.5	91
23	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. <i>Neurology</i> , 2014, 83, 678-685.	1.5	89
24	Causal Impact of Type 2 Diabetes Mellitus on Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 1325-1331.	1.0	86
25	Type 2 diabetes, glucose, insulin, BMI, and ischemic stroke subtypes. <i>Neurology</i> , 2017, 89, 454-460.	1.5	84
26	Genome-wide meta-analysis identifies 3 novel loci associated with stroke. <i>Annals of Neurology</i> , 2018, 84, 934-939.	2.8	79
27	Genome-wide association study of cerebral small vessel disease reveals established and novel loci. <i>Brain</i> , 2019, 142, 3176-3189.	3.7	76
28	A Novel MMP12 Locus Is Associated with Large Artery Atherosclerotic Stroke Using a Genome-Wide Age-at-Onset Informed Approach. <i>PLoS Genetics</i> , 2014, 10, e1004469.	1.5	75
29	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017, 81, 383-394.	2.8	73
30	Homocysteine and small vessel stroke: A mendelian randomization analysis. <i>Annals of Neurology</i> , 2019, 85, 495-501.	2.8	67
31	Genetic Study of White Matter Integrity in UK Biobank (N=8448) and the Overlap With Stroke, Depression, and Dementia. <i>Stroke</i> , 2018, 49, 1340-1347.	1.0	63
32	<i>COL4A2</i> is associated with lacunar ischemic stroke and deep ICH. <i>Neurology</i> , 2017, 89, 1829-1839.	1.5	58
33	Shared genetic contribution to ischemic stroke and Alzheimer's disease. <i>Annals of Neurology</i> , 2016, 79, 739-747.	2.8	56
34	Genome-Wide Association Analysis of Young-Onset Stroke Identifies a Locus on Chromosome 10q25 Near <i>HABP2</i> . <i>Stroke</i> , 2016, 47, 307-316.	1.0	54
35	Association of <i>MTHFR</i> C677T Genotype With Ischemic Stroke Is Confined to Cerebral Small Vessel Disease Subtype. <i>Stroke</i> , 2016, 47, 646-651.	1.0	50
36	New insights into mechanisms of small vessel disease stroke from genetics. <i>Clinical Science</i> , 2017, 131, 515-531.	1.8	50

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37	Genetic variation in <i>PLEKHG1</i> is associated with white matter hyperintensities (n = 11,226). <i>Neurology</i> , 2019, 92, e749-e757.	1.5	47
38	17q25 Locus Is Associated With White Matter Hyperintensity Volume in Ischemic Stroke, But Not With Lacunar Stroke Status. <i>Stroke</i> , 2013, 44, 1609-1615.	1.0	42
39	Association of common genetic variants with brain microbleeds. <i>Neurology</i> , 2020, 95, e3331-e3343.	1.5	40
40	Serum magnesium and calcium levels in relation to ischemic stroke. <i>Neurology</i> , 2019, 92, e944-e950.	1.5	38
41	Serum Parathyroid Hormone, 25-Hydroxyvitamin D, and Risk of Alzheimer's Disease: A Mendelian Randomization Study. <i>Nutrients</i> , 2018, 10, 1243.	1.7	35
42	Genetic Overlap Between Diagnostic Subtypes of Ischemic Stroke. <i>Stroke</i> , 2015, 46, 615-619.	1.0	34
43	Genetic Architecture of Lacunar Stroke. <i>Stroke</i> , 2015, 46, 2407-2412.	1.0	33
44	Atrial Fibrillation Genetic Risk and Ischemic Stroke Mechanisms. <i>Stroke</i> , 2017, 48, 1451-1456.	1.0	33
45	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 309-330.	1.1	33
46	The role of haematological traits in risk of ischaemic stroke and its subtypes. <i>Brain</i> , 2020, 143, 210-221.	3.7	30
47	Differences in Common Genetic Predisposition to Ischemic Stroke by Age and Sex. <i>Stroke</i> , 2015, 46, 3042-3047.	1.0	28
48	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	0.7	27
49	Common NOTCH3 Variants and Cerebral Small-Vessel Disease. <i>Stroke</i> , 2015, 46, 1482-1487.	1.0	26
50	Serum 25-Hydroxyvitamin D Concentrations and Ischemic Stroke and Its Subtypes. <i>Stroke</i> , 2018, 49, 2508-2511.	1.0	26
51	How common are single gene mutations as a cause for lacunar stroke?. <i>Neurology</i> , 2019, 93, e2007-e2020.	1.5	26
52	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. <i>Stroke</i> , 2020, 51, 2454-2463.	1.0	26
53	Cardiovascular Risk Factors and MRI Markers of Cerebral Small Vessel Disease. <i>Neurology</i> , 2022, 98, .	1.5	26
54	Genetic Architecture of White Matter Hyperintensities Differs in Hypertensive and Nonhypertensive Ischemic Stroke. <i>Stroke</i> , 2015, 46, 348-353.	1.0	25

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55	Pharmacogenetic testing through the direct-to-consumer genetic testing company 23andMe. <i>BMC Medical Genomics</i> , 2017, 10, 47.	0.7	25
56	Homogeneous case subgroups increase power in genetic association studies. <i>European Journal of Human Genetics</i> , 2015, 23, 863-869.	1.4	24
57	Genetic Associations With White Matter Hyperintensities Confer Risk of Lacunar Stroke. <i>Stroke</i> , 2016, 47, 1174-1179.	1.0	22
58	Polygenic Overlap Between Kidney Function and Large Artery Atherosclerotic Stroke. <i>Stroke</i> , 2014, 45, 3508-3513.	1.0	21
59	GISCOME â€“ Genetics of Ischaemic Stroke Functional Outcome network: A protocol for an international multicentre genetic association study. <i>European Stroke Journal</i> , 2017, 2, 229-237.	2.7	21
60	Whole-exome sequencing reveals a role of HTRA1 and EGFL8 in brain white matter hyperintensities. <i>Brain</i> , 2021, 144, 2670-2682.	3.7	21
61	Hypertension genetics past, present and future applications. <i>Journal of Internal Medicine</i> , 2021, 290, 1130-1152.	2.7	20
62	Genetics of stroke in a UK African ancestry case-control study. <i>Neurology: Genetics</i> , 2017, 3, e142.	0.9	19
63	Genetic and environmental risk factors for rheumatoid arthritis in a UK African ancestry population: the GENRA caseâ€“control study. <i>Rheumatology</i> , 2017, 56, 1282-1292.	0.9	18
64	Genetic and Inflammatory Biomarkers Classify Small Intestine Inflammation in Asymptomatic First-degree Relatives of Patients With Crohnâ€™s Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 908-916.e13.	2.4	18
65	Circulating Vitamin K1 Levels in Relation to Ischemic Stroke and Its Subtypes: A Mendelian Randomization Study. <i>Nutrients</i> , 2018, 10, 1575.	1.7	16
66	Genetic Factors Influencing Coagulation Factor XIII B-Subunit Contribute to Risk of Ischemic Stroke. <i>Stroke</i> , 2015, 46, 2069-2074.	1.0	15
67	Do Cerebral Small Vessel Disease and Multiple Sclerosis Share Common Mechanisms of White Matter Injury?. <i>Stroke</i> , 2019, 50, 1968-1972.	1.0	15
68	Association of the novel single-nucleotide polymorphism which increases oxidized low-density lipoprotein levels with cerebrovascular disease events. <i>Atherosclerosis</i> , 2014, 234, 214-217.	0.4	12
69	Multiâ€“phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	1.9	12
70	Using Phenotypic Heterogeneity to Increase the Power of Genomeâ€“Wide Association Studies: Application to Age at Onset of Ischaemic Stroke Subphenotypes. <i>Genetic Epidemiology</i> , 2013, 37, 495-503.	0.6	10
71	Subtype Specificity of Genetic Loci Associated With Stroke in 16â€“%664 Cases and 32â€“%792 Controls. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002338.	1.6	10
72	Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0206554.	1.1	8

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73	Genetic discovery in multi-ethnic populations. <i>European Journal of Human Genetics</i> , 2016, 24, 1097-1098.	1.4	7
74	Oxidative phosphorylation and lacunar stroke. <i>Neurology</i> , 2016, 86, 141-145.	1.5	7
75	No Additional Prognostic Value of Genetic Information in the Prediction of Vascular Events after Cerebral Ischemia of Arterial Origin: The PROMISe Study. <i>PLoS ONE</i> , 2015, 10, e0119203.	1.1	5
76	The Histone Deacetylase 9 Stroke-Risk Variant Promotes Apoptosis and Inflammation in a Human iPSC-Derived Smooth Muscle Cells Model. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849664.	1.1	5
77	Influence of Genetic Variation in <i>PDE3A</i> on Endothelial Function and Stroke. <i>Hypertension</i> , 2020, 75, 365-371.	1.3	4
78	Exome array analysis of adverse reactions to fluoropyrimidine-based therapy for gastrointestinal cancer. <i>PLoS ONE</i> , 2018, 13, e0188911.	1.1	3
79	OUP accepted manuscript. <i>Brain</i> , 2021, , .	3.7	1