Matthew Traylor

List of Publications by Year in descending order

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	Cardiovascular Risk Factors and MRI Markers of Cerebral Small Vessel Disease. Neurology, 2022, 98, .	1.5	26
2	Multiâ€phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. Journal of Thrombosis and Haemostasis, 2022, 20, 1331-1349.	1.9	12
3	The Histone Deacetylase 9 Stroke-Risk Variant Promotes Apoptosis and Inflammation in a Human iPSC-Derived Smooth Muscle Cells Model. Frontiers in Cardiovascular Medicine, 2022, 9, 849664.	1.1	5
4	Whole-exome sequencing reveals a role of HTRA1 and EGFL8 in brain white matter hyperintensities. Brain, 2021, 144, 2670-2682.	3.7	21
5	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. Lancet Neurology, The, 2021, 20, 351-361.	4.9	95
6	Hypertension genetics past, present and future applications. Journal of Internal Medicine, 2021, 290, 1130-1152.	2.7	20
7	OUP accepted manuscript. Brain, 2021, , .	3.7	1
8	Genetic and Inflammatory Biomarkers Classify Small Intestine Inflammation in Asymptomatic First-degree Relatives of Patients With Crohnâ€™s Disease. Clinical Gastroenterology and Hepatology, 2020, 18, 908-916.e13.	2.4	18
9	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. Biological Psychiatry, 2020, 87, 419-430.	0.7	27
10	The role of haematological traits in risk of ischaemic stroke and its subtypes. Brain, 2020, 143, 210-221.	3.7	30
11	Influence of Genetic Variation in PDE3A on Endothelial Function and Stroke. Hypertension, 2020, 75, 365-371.	1.3	4
12	Genetic comorbidity between major depression and cardioâ€metabolic traits, stratified by age at onset of major depression. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 309-330.	1.1	33
13	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. Stroke, 2020, 51, 2454-2463.	1.0	26
14	Association of common genetic variants with brain microbleeds. Neurology, 2020, 95, e3331-e3343.	1.5	40
15	Genome-wide association study of MRI markers of cerebral small vessel disease in 42,310 participants. Nature Communications, 2020, 11, 2175.	5.8	93
16	Genome-wide association study of cerebral small vessel disease reveals established and novel loci. Brain, 2019, 142, 3176-3189.	3.7	76
17	Subtype Specificity of Genetic Loci Associated With Stroke in 16â€‰664 Cases and 32â€‰792 Controls. Circulation Genomic and Precision Medicine, 2019, 12, e002338.	1.6	10
18	Serum magnesium and calcium levels in relation to ischemic stroke. Neurology, 2019, 92, e944-e950.	1.5	38

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19	Genetic variation in PLEKHG1 is associated with white matter hyperintensities (n = 11,226). Neurology, 2019, 92, e749-e757.	1.5	47
20	Do Cerebral Small Vessel Disease and Multiple Sclerosis Share Common Mechanisms of White Matter Injury?. Stroke, 2019, 50, 1968-1972.	1.0	15
21	Homocysteine and small vessel stroke: A mendelian randomization analysis. Annals of Neurology, 2019, 85, 495-501.	2.8	67
22	How common are single gene mutations as a cause for lacunar stroke?. Neurology, 2019, 93, e2007-e2020.	1.5	26
23	Genetically Determined Levels of Circulating Cytokines and Risk of Stroke. Circulation, 2019, 139, 256-268.	1.6	147
24	Causal Impact of Type 2 Diabetes Mellitus on Cerebral Small Vessel Disease. Stroke, 2018, 49, 1325-1331.	1.0	86
25	Role of Blood Lipids in the Development of Ischemic Stroke and its Subtypes. Stroke, 2018, 49, 820-827.	1.0	132
26	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	5.8	119
27	Genetic risk, incident stroke, and the benefits of adhering to a healthy lifestyle: cohort study of 306â€‰473 UK Biobank participants. BMJ: British Medical Journal, 2018, 363, k4168.	2.4	161
28	Circulating Vitamin K1 Levels in Relation to Ischemic Stroke and Its Subtypes: A Mendelian Randomization Study. Nutrients, 2018, 10, 1575.	1.7	16
29	Genomeâ€wide metaâ€analysis identifies 3 novel loci associated with stroke. Annals of Neurology, 2018, 84, 934-939.	2.8	79
30	Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. PLoS ONE, 2018, 13, e0206554.	1.1	8
31	Serum 25-Hydroxyvitamin D Concentrations and Ischemic Stroke and Its Subtypes. Stroke, 2018, 49, 2508-2511.	1.0	26
32	Serum Parathyroid Hormone, 25-Hydroxyvitamin D, and Risk of Alzheimerâ€™s Disease: A Mendelian Randomization Study. Nutrients, 2018, 10, 1243.	1.7	35
33	Exome array analysis of adverse reactions to fluoropyrimidine-based therapy for gastrointestinal cancer. PLoS ONE, 2018, 13, e0188911.	1.1	3
34	Genetic Study of White Matter Integrity in UK Biobank (N=8448) and the Overlap With Stroke, Depression, and Dementia. Stroke, 2018, 49, 1340-1347.	1.0	63
35	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	9.4	1,124
36	Genetic and environmental risk factors for rheumatoid arthritis in a UK African ancestry population: the GENRA caseâ€“control study. Rheumatology, 2017, 56, 1282-1292.	0.9	18

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37	Atrial Fibrillation Genetic Risk and Ischemic Stroke Mechanisms. Stroke, 2017, 48, 1451-1456.	1.0	33
38	Genetics of stroke in a UK African ancestry case-control study. Neurology: Genetics, 2017, 3, e142.	0.9	19
39	New insights into mechanisms of small vessel disease stroke from genetics. Clinical Science, 2017, 131, 515-531.	1.8	50
40	Genetic variation at 16q24.2 is associated with small vessel stroke. Annals of Neurology, 2017, 81, 383-394.	2.8	73
41	GISCOME â€“ Genetics of Ischaemic Stroke Functional Outcome network: A protocol for an international multicentre genetic association study. European Stroke Journal, 2017, 2, 229-237.	2.7	21
42	COL4A2 is associated with lacunar ischemic stroke and deep ICH. Neurology, 2017, 89, 1829-1839.	1.5	58
43	Pharmacogenetic testing through the direct-to-consumer genetic testing company 23andMe. BMC Medical Genomics, 2017, 10, 47.	0.7	25
44	Type 2 diabetes, glucose, insulin, BMI, and ischemic stroke subtypes. Neurology, 2017, 89, 454-460.	1.5	84
45	An Examination of Polygenic Score Risk Prediction in Individuals With First-Episode Psychosis. Biological Psychiatry, 2017, 81, 470-477.	0.7	176
46	Modifiable pathways in Alzheimerâ€™s disease: Mendelian randomisation analysis. BMJ: British Medical Journal, 2017, 359, j5375.	2.4	239
47	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2016, 15, 695-707.	4.9	130
48	Low-frequency and common genetic variation in ischemic stroke. Neurology, 2016, 86, 1217-1226.	1.5	141
49	Genetic Associations With White Matter Hyperintensities Confer Risk of Lacunar Stroke. Stroke, 2016, 47, 1174-1179.	1.0	22
50	Shared genetic contribution to ischemic stroke and Alzheimer's disease. Annals of Neurology, 2016, 79, 739-747.	2.8	56
51	Genetic discovery in multi-ethnic populations. European Journal of Human Genetics, 2016, 24, 1097-1098.	1.4	7
52	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
53	Genome-Wide Association Analysis of Young-Onset Stroke Identifies a Locus on Chromosome 10q25 Near HABP2. Stroke, 2016, 47, 307-316.	1.0	54
54	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. Lancet Neurology, The, 2016, 15, 174-184.	4.9	217

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55	Association of MTHFR C677T Genotype With Ischemic Stroke Is Confined to Cerebral Small Vessel Disease Subtype. Stroke, 2016, 47, 646-651.	1.0	50
56	Oxidative phosphorylation and lacunar stroke. Neurology, 2016, 86, 141-145.	1.5	7
57	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. Neurology, 2016, 86, 146-153.	1.5	91
58	No Additional Prognostic Value of Genetic Information in the Prediction of Vascular Events after Cerebral Ischemia of Arterial Origin: The PROMISe Study. PLoS ONE, 2015, 10, e0119203.	1.1	5
59	Shared genetic basis for migraine and ischemic stroke. Neurology, 2015, 84, 2132-2145.	1.5	91
60	Common variation in COL4A1/COL4A2 is associated with sporadic cerebral small vessel disease. Neurology, 2015, 84, 918-926.	1.5	106
61	Genetic Overlap Between Diagnostic Subtypes of Ischemic Stroke. Stroke, 2015, 46, 615-619.	1.0	34
62	Genetic Factors Influencing Coagulation Factor XIII B-Subunit Contribute to Risk of Ischemic Stroke. Stroke, 2015, 46, 2069-2074.	1.0	15
63	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. Circulation: Cardiovascular Genetics, 2015, 8, 398-409.	5.1	162
64	Genetic Architecture of White Matter Hyperintensities Differs in Hypertensive and Nonhypertensive Ischemic Stroke. Stroke, 2015, 46, 348-353.	1.0	25
65	Genetic Architecture of Lacunar Stroke. Stroke, 2015, 46, 2407-2412.	1.0	33
66	Differences in Common Genetic Predisposition to Ischemic Stroke by Age and Sex. Stroke, 2015, 46, 3042-3047.	1.0	28
67	Common NOTCH3 Variants and Cerebral Small-Vessel Disease. Stroke, 2015, 46, 1482-1487.	1.0	26
68	Homogeneous case subgroups increase power in genetic association studies. European Journal of Human Genetics, 2015, 23, 863-869.	1.4	24
69	Polygenic Overlap Between Kidney Function and Large Artery Atherosclerotic Stroke. Stroke, 2014, 45, 3508-3513.	1.0	21
70	A Novel MMP12 Locus Is Associated with Large Artery Atherosclerotic Stroke Using a Genome-Wide Age-at-Onset Informed Approach. PLoS Genetics, 2014, 10, e1004469.	1.5	75
71	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. Neurology, 2014, 83, 678-685.	1.5	89
72	Association of the novel single-nucleotide polymorphism which increases oxidized low-density lipoprotein levels with cerebrovascular disease events. Atherosclerosis, 2014, 234, 214-217.	0.4	12

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73	Using Phenotypic Heterogeneity to Increase the Power of Genomeâ€Wide Association Studies: Application to Age at Onset of Ischaemic Stroke Subphenotypes. Genetic Epidemiology, 2013, 37, 495-503.	0.6	10
74	Ischemic stroke is associated with the ABO locus: The EuroCLOT study. Annals of Neurology, 2013, 73, 16-31.	2.8	144
75	17q25 Locus Is Associated With White Matter Hyperintensity Volume in Ischemic Stroke, But Not With Lacunar Stroke Status. Stroke, 2013, 44, 1609-1615.	1.0	42
76	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. Nature Genetics, 2012, 44, 328-333.	9.4	375
77	Common variants at 6p21.1 are associated with large artery atherosclerotic stroke. Nature Genetics, 2012, 44, 1147-1151.	9.4	152
78	Genetic Heritability of Ischemic Stroke and the Contribution of Previously Reported Candidate Gene and Genomewide Associations. Stroke, 2012, 43, 3161-3167.	1.0	329
79	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2012, 11, 951-962.	4.9	445