Martin Dichgans

List of Publications by Year
in descending order

287 papers	45,407 citations	4146 87 h-index	2571 195 g-index
315 all docs	315 docs citations	315 times ranked	40518 citing authors

#	Article	IF	Citations
1	Circadian rhythm of ischaemic core progression in human stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2023, 94, 70-73.	1.9	26
2	International stroke genetics consortium recommendations for studies of genetics of stroke outcome and recovery. International Journal of Stroke, 2022, 17, 260-268.	5.9	13
3	The BIN1 rs744373 Alzheimer's disease risk SNP is associated with faster Aî²â€associated tau accumulation and cognitive decline. Alzheimer's and Dementia, 2022, 18, 103-115.	0.8	24
4	Prediction of dementia using diffusion tensor MRI measures: the OPTIMAL collaboration. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 14-23.	1.9	15
5	Additive Effects of Genetic Interleukinâ€6 Signaling Downregulation and Lowâ€Density Lipoprotein Cholesterol Lowering on Cardiovascular Disease: A 2Ã—2 Factorial Mendelian Randomization Analysis. Journal of the American Heart Association, 2022, 11, e023277.	3.7	19
6	Soluble TAM receptors sAXL and sTyro3 predict structural and functional protection in Alzheimerâ€™s disease. Neuron, 2022, 110, 1009-1022.e4.	8.1	27
7	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles. Nature Genetics, 2022, 54, 152-160.	21.4	135
8	Elucidating the relationship between migraine risk and brain structure using genetic data. Brain, 2022, 145, 3214-3224.	7.6	7
9	Targeting the CCL2â€“CCR2 axis for atheroprotection. European Heart Journal, 2022, 43, 1799-1808.	2.2	60
10	Genetic Architecture of Stroke of Undetermined Source: Overlap with Known Stroke Etiologies and Associations with Modifiable Risk Factors. Annals of Neurology, 2022, 91, 640-651.	5.3	7
11	Cardiac Risk Factors for Stroke: A Comprehensive Mendelian Randomization Study. Stroke, 2022, 53, STROKEAHA121036306.	2.0	8
12	Pharmacological Targeting of the CCL2/CCR2 Axis for Atheroprotection: A Meta-Analysis of Preclinical Studies. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 101161ATVBAHA122317492.	2.4	8
13	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
14	Circulating Interleukin-6 Levels and Incident Ischemic Stroke. Neurology, 2022, 98, .	1.1	29
15	Shared genetic background between SARS-CoV-2 infection and large artery stroke. International Journal of Stroke, 2022, , 174749302210956.	5.9	3
16	Post-Stroke Cognitive Impairment and Dementia. Circulation Research, 2022, 130, 1252-1271.	4.5	188
17	Neuroimmune cardiovascular interfaces control atherosclerosis. Nature, 2022, 605, 152-159.	27.8	86
18	Complicated Carotid Artery Plaques and Risk of Recurrent Ischemic Stroke or TIA. Journal of the American College of Cardiology, 2022, 79, 2189-2199.	2.8	20

#	Article	IF	Citations
19	Association of Rare APOE Missense Variants V236E and R251G With Risk of Alzheimer Disease. JAMA Neurology, 2022, 79, 652.	9.0	31
20	Prevalence and Significance of the Vessel-Cluster Sign on Susceptibility-Weighted Imaging in Patients With Severe Small Vessel Disease. Neurology, 2022, 99, .	1.1	11
21	Genetically predicted on-statin LDL response is associated with higher intracerebral haemorrhage risk. Brain, 2022, 145, 2677-2686.	7.6	15
22	Response to letter by Prof Christian Nolte and colleagues. European Stroke Journal, 2022, 7, 341-342.	5.5	1
23	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRIâ€“neuropathology diagnostic accuracy study. Lancet Neurology, The, 2022, 21, 714-725.	10.2	168
24	The BDNFVal66Met SNP modulates the association between beta-amyloid and hippocampal disconnection in Alzheimerâ€™s disease. Molecular Psychiatry, 2021, 26, 614-628.	7.9	61
25	Association of Circulating Monocyte Chemoattractant Proteinâ€“1 Levels With Cardiovascular Mortality. JAMA Cardiology, 2021, 6, 587.	6.1	35
26	Whole-exome sequencing reveals a role of HTRA1 and EGFL8 in brain white matter hyperintensities. Brain, 2021, 144, 2670-2682.	7.6	21
27	Diabetes Mellitus, Glycemic Traits, and Cerebrovascular Disease. Neurology, 2021, 96, e1732-e1742.	1.1	59
28	Mendelian randomization for studying the effects of perturbing drug targets. Wellcome Open Research, 2021, 6, 16.	1.8	90
29	Prediction of Long-term Cognitive Function After Minor Stroke Using Functional Connectivity. Neurology, 2021, 96, .	1.1	19
30	Doseâ€“response relationship between genetically proxied average blood glucose levels and incident coronary heart disease in individuals without diabetes mellitus. Diabetologia, 2021, 64, 845-849.	6.3	14
31	Population impact of different hypertension management guidelines based on the prospective population-based Heinz Nixdorf Recall study. BMJ Open, 2021, 11, e039597.	1.9	3
32	Simple and reliable detection of CRISPR-induced on-target effects by qgPCR and SNP genotyping. Nature Protocols, 2021, 16, 1714-1739.	12.0	22
33	Mendelian randomization for studying the effects of perturbing drug targets. Wellcome Open Research, 2021, 6, 16.	1.8	48
34	Segregation of functional networks is associated with cognitive resilience in Alzheimerâ€™s disease. Brain, 2021, 144, 2176-2185.	7.6	66
35	Modifiable Lifestyle Factors and Risk of Stroke. Stroke, 2021, 52, 931-936.	2.0	27
36	Midlife vascular risk factors and risk of incident dementia: Longitudinal cohort and Mendelian randomization analyses in the UK Biobank. Alzheimer's and Dementia, 2021, 17, 1422-1431.	0.8	80

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37	Genetically Downregulated Interleukin-6 Signaling Is Associated With a Favorable Cardiometabolic Profile. Circulation, 2021, 143, 1177-1180.	1.6	27
38	Microbiota-derived short chain fatty acids modulate microglia and promote Aî² plaque deposition. ELife, 2021, 10, .	6.0	148
39	Post-injury immunosuppression and secondary infections are caused by an AIM2 inflammasome-driven signaling cascade. Immunity, 2021, 54, 648-659.e8.	14.3	57
40	A proteomic atlas of the neointima identifies novel druggable targets for preventive therapy. European Heart Journal, 2021, 42, 1773-1785.	2.2	11
41	Genetically Proxied Inhibition of Coagulation Factors and Risk of Cardiovascular Disease: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e019644.	3.7	12
42	Serum Monocyte-Chemoattractant Proteinâ€“1 Could Be an Indicator of Coronary Artery Calcium Scoreâ€”Reply. JAMA Cardiology, 2021, 6, 605.	6.1	0
43	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. Lancet Neurology, The, 2021, 20, 351-361.	10.2	95
44	Circulating biomarkers of immunity and inflammation, risk of Alzheimerâ€™s disease, and hippocampal volume: a Mendelian randomization study. Translational Psychiatry, 2021, 11, 291.	4.8	21
45	Monocyte-Chemoattractant Protein-1 Levels in Human Atherosclerotic Lesions Associate With Plaque Vulnerability. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2038-2048.	2.4	48
46	Common variants in Alzheimerâ€™s disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417.	12.8	140
47	Relationship Between Blood Pressure and Incident Cardiovascular Disease: Linear and Nonlinear Mendelian Randomization Analyses. Hypertension, 2021, 77, 2004-2013.	2.7	55
48	KL-VS heterozygosity is associated with lower amyloid-dependent tau accumulation and memory impairment in Alzheimerâ€™s disease. Nature Communications, 2021, 12, 3825.	12.8	29
49	Circadian Biology and Stroke. Stroke, 2021, 52, 2180-2190.	2.0	38
50	Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease. Circulation, 2021, 144, 353-364.	1.6	47
51	Tau-PET and in vivo Braak-staging as prognostic markers of future cognitive decline in cognitively normal to demented individuals. Alzheimer's Research and Therapy, 2021, 13, 137.	6.2	59
52	Organizational Update From the European Stroke Organisation. Stroke, 2021, 52, e517-e519.	2.0	0
53	Hyperexcitable interneurons trigger cortical spreading depression in an Scn1a migraine model. Journal of Clinical Investigation, 2021, 131, .	8.2	30
54	Stroke Genetics: Turning Discoveries into Clinical Applications. Stroke, 2021, 52, 2974-2982.	2.0	9

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55	Genetics, Genomics, and Precision Medicine. Stroke, 2021, 52, 3385-3387.	2.0	1
56	Global, regional, and national burden of stroke and its risk factors, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Neurology, The, 2021, 20, 795-820.	10.2	2,308
57	OUP accepted manuscript. Brain, 2021, , .	7.6	1
58	Physician-Confirmed and Administrative Definitions of Stroke in UK Biobank Reflect the Same Underlying Genetic Trait. Frontiers in Neurology, 2021, 12, 787107.	2.4	4
59	The BIN1 rs744373 Alzheimerâ€™s disease risk SNP is associated with faster Aî²â€associated tau accumulation and cognitive decline. Alzheimer's and Dementia, 2021, 17, .	0.8	3
60	In vivo Braakâ€staging using ¹⁸ Fâ€Flortaucipirâ€tauâ€PET as a predictive marker for future cognitive decline in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
61	Klothoâ€VS heterozygosity modifies amyloidâ€dependent tau accumulation and memory impairment in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, e051343.	0.8	0
62	Tau spreads across connected brain regions in progressive supranuclear palsy and corticobasal syndrome. Alzheimer's and Dementia, 2021, 17, .	0.8	1
63	Within-lesion heterogeneity of subcortical DWI lesion evolution, and stroke outcome: A voxel-based analysis. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1482-1491.	4.3	19
64	Short-Chain Fatty Acids Improve Poststroke Recovery via Immunological Mechanisms. Journal of Neuroscience, 2020, 40, 1162-1173.	3.6	199
65	The global burden of neurological disorders: translating evidence into policy. Lancet Neurology, The, 2020, 19, 255-265.	10.2	377
66	Influence of Genetic Variation in PDE3A on Endothelial Function and Stroke. Hypertension, 2020, 75, 365-371.	2.7	4
67	Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. Molecular Neurodegeneration, 2020, 15, 57.	10.8	33
68	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. Nature Genetics, 2020, 52, 1303-1313.	21.4	163
69	Designed CXCR4 mimic acts as a soluble chemokine receptor that blocks atherogenic inflammation by agonist-specific targeting. Nature Communications, 2020, 11, 5981.	12.8	29
70	Patient-centered connectivity-based prediction of tau pathology spread in Alzheimerâ€™s disease. Science Advances, 2020, 6, .	10.3	86
71	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.	2.0	26
72	A Mendelian randomization of Î³â€² and total fibrinogen levels in relation to venous thromboembolism and ischemic stroke. Blood, 2020, 136, 3062-3069.	1.4	25

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73	Broad phenotype of cysteine-altering NOTCH3 variants in UK Biobank. Neurology, 2020, 95, e1835-e1843.	1.1	49
74	Circulating Metabolites Differentiate Acute Ischemic Stroke from Stroke Mimics. Annals of Neurology, 2020, 88, 736-746.	5.3	27
75	Tackling challenges in care of Alzheimer's disease and other dementias amid the COVIDâ€19 pandemic, now and in the future. Alzheimer's and Dementia, 2020, 16, 1571-1581.	0.8	122
76	Higher CSF sTREM2 and microglia activation are associated with slower rates of betaâ€amyloid accumulation. EMBO Molecular Medicine, 2020, 12, e12308.	6.9	73
77	Complicated Carotid Artery Plaques as a Cause of Cryptogenic Stroke. Journal of the American College of Cardiology, 2020, 76, 2212-2222.	2.8	64
78	Small vessel disease more than Alzheimer's disease determines diffusion MRI alterations in memory clinic patients. Alzheimer's and Dementia, 2020, 16, 1504-1514.	0.8	35
79	Habitual sleep disturbances and migraine: a Mendelian randomization study. Annals of Clinical and Translational Neurology, 2020, 7, 2370-2380.	3.7	18
80	Interleukin-6 Signaling Effects on Ischemic Stroke and Other Cardiovascular Outcomes. Circulation Genomic and Precision Medicine, 2020, 13, e002872.	3.6	90
81	Detection of Deleterious On-Target Effects after HDR-Mediated CRISPR Editing. Cell Reports, 2020, 31, 107689.	6.4	90
82	Genetic overlap and causal inferences between kidney function and cerebrovascular disease. Neurology, 2020, 94, e2581-e2591.	1.1	31
83	Histone Deacetylase 9 Activates IKK to Regulate Atherosclerotic Plaque Vulnerability. Circulation Research, 2020, 127, 811-823.	4.5	64
84	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. Stroke, 2020, 51, 2111-2121.	2.0	71
85	Ageâ€dependent amyloid deposition is associated with white matter alterations in cognitively normal adults during the adult life span. Alzheimer's and Dementia, 2020, 16, 651-661.	0.8	31
86	Genetically determined blood pressure, antihypertensive drug classes, and risk of stroke subtypes. Neurology, 2020, 95, e353-e361.	1.1	60
87	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. Nature Communications, 2020, 11, 3368.	12.8	49
88	Genetically Predicted Blood Pressure Across the Lifespan. Hypertension, 2020, 76, 953-961.	2.7	21
89	Genetic determinants of blood lipids and cerebral small vessel disease: role of high-density lipoprotein cholesterol. Brain, 2020, 143, 597-610.	7.6	51
90	Mendelian Randomization Study of Obesity and Cerebrovascular Disease. Annals of Neurology, 2020, 87, 516-524.	5.3	76

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91	What Is the Best Mix of Populationâ€Wide and Highâ€Risk Targeted Strategies of Primary Stroke and Cardiovascular Disease Prevention?. Journal of the American Heart Association, 2020, 9, e014494.	3.7	31
92	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. International Journal of Epidemiology, 2020, 49, 1022-1031.	1.9	34
93	Author response: WMH and long-term outcomes in ischemic stroke: A systematic review and meta-analysis. Neurology, 2020, 94, 411-411.	1.1	0
94	Genome-wide association study of cerebral small vessel disease reveals established and novel loci. Brain, 2019, 142, 3176-3189.	7.6	76
95	Preventing dementia by preventing stroke: The Berlin Manifesto. Alzheimer's and Dementia, 2019, 15, 961-984.	0.8	200
96	Gene-based analysis in HRC imputed genome wide association data identifies three novel genes for Alzheimerâ€™s disease. PLoS ONE, 2019, 14, e0218111.	2.5	23
97	Subtype Specificity of Genetic Loci Associated With Stroke in 16â€‰664 Cases and 32â€‰792 Controls. Circulation Genomic and Precision Medicine, 2019, 12, e002338.	3.6	10
98	The contribution of acute infarcts to cerebral small vessel disease progression. Annals of Neurology, 2019, 86, 582-592.	5.3	27
99	Vascular Cognitive Impairment andÂDementia. Journal of the American College of Cardiology, 2019, 73, 3326-3344.	2.8	384
100	Cardiovascular Risk and Atherosclerosis Progression in Hypertensive Persons Treated to Blood Pressure Targets. Hypertension, 2019, 74, 1436-1447.	2.7	15
101	Increased soluble TREM2 in cerebrospinal fluid is associated with reduced cognitive and clinical decline in Alzheimerâ€™s disease. Science Translational Medicine, 2019, 11, .	12.4	192
102	Circulating Monocyte Chemoattractant Protein-1 and Risk of Stroke. Circulation Research, 2019, 125, 773-782.	4.5	78
103	The Atherosclerosis Risk Variant rs2107595 Mediates Allele-Specific Transcriptional Regulation of HDAC9 via E2F3 and Rb1. Stroke, 2019, 50, 2651-2660.	2.0	38
104	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. International Journal of Stroke, 2019, , 174749301987191.	5.9	13
105	Prognostic relevance of cortical superficial siderosis in cerebral amyloid angiopathy. Neurology, 2019, 92, e792-e801.	1.1	40
106	Genetic variation in PLEKHG1 is associated with white matter hyperintensities (n = 11,226). Neurology, 2019, 92, e749-e757.	1.1	47
107	Use of Genetic Variants Related to Antihypertensive Drugs to Inform on Efficacy and Side Effects. Circulation, 2019, 140, 270-279.	1.6	99
108	In vivo widefield calcium imaging of the mouse cortex for analysis of network connectivity in health and brain disease. NeuroImage, 2019, 199, 570-584.	4.2	50

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109	Small vessel disease: mechanisms and clinical implications. Lancet Neurology, The, 2019, 18, 684-696.	10.2	853
110	The Meta VCI Map consortium for metaâ€analyses on strategic lesion locations for vascular cognitive impairment using lesionâ€symptom mapping: Design and multicenter pilot study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 310-326.	2.4	26
111	Quantifying bloodâ€brain barrier leakage in small vessel disease: Review and consensus recommendations. Alzheimer's and Dementia, 2019, 15, 840-858.	0.8	134
112	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 191-204.	2.4	65
113	A prospective study of serum metabolites and risk of ischemic stroke. Neurology, 2019, 92, e1890-e1898.	1.1	48
114	Stroke genetics: discovery, biology, and clinical applications. Lancet Neurology, The, 2019, 18, 587-599.	10.2	138
115	WMH and long-term outcomes in ischemic stroke. Neurology, 2019, 92, e1298-e1308.	1.1	163
116	Dementia risk after transient ischaemic attack and stroke. Lancet Neurology, The, 2019, 18, 223-225.	10.2	15
117	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	21.4	1,962
118	Vascular contributions to cognitive impairment and dementia: Research consortia that focus on etiology and treatable targets to lessen the burden of dementia worldwide. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 789-796.	3.7	23
119	Genomic risk score offers predictive performance comparable to clinical risk factors for ischaemic stroke. Nature Communications, 2019, 10, 5819.	12.8	124
120	Genetically Determined Levels of Circulating Cytokines and Risk of Stroke. Circulation, 2019, 139, 256-268.	1.6	147
121	Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. Circulation, 2019, 139, 295-298.	1.6	64
122	Vascular dysfunctionâ€”The disregarded partner of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 158-167.	0.8	454
123	Clinical correlates of longitudinal MRI changes in CADASIL. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1299-1305.	4.3	22
124	Left frontal hub connectivity delays cognitive impairment in autosomal-dominant and sporadic Alzheimerâ€™s disease. Brain, 2018, 141, 1186-1200.	7.6	83
125	CADASIL brain vessels show a HTRA1 loss-of-function profile. Acta Neuropathologica, 2018, 136, 111-125.	7.7	54
126	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. Neuron, 2018, 98, 743-753.e4.	8.1	63

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127	Brain-released alarmins and stress response synergize in accelerating atherosclerosis progression after stroke. Science Translational Medicine, 2018, 10, .	12.4	54
128	Challenges and opportunities in stroke genetics. Cardiovascular Research, 2018, 114, 1226-1240.	3.8	26
129	Free water determines diffusion alterations and clinical status in cerebral small vessel disease. Alzheimer's and Dementia, 2018, 14, 764-774.	0.8	108
130	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	12.8	119
131	Genetic Susceptibility Loci for Cardiovascular Disease and Their Impact on Atherosclerotic Plaques. Circulation Genomic and Precision Medicine, 2018, 11, e002115.	3.6	20
132	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.	2.3	161
133	Role of Non-Coding RNAs in Stroke. Stroke, 2018, 49, 3098-3106.	2.0	33
134	Genomeâ€wide metaâ€analysis identifies 3 novel loci associated with stroke. Annals of Neurology, 2018, 84, 934-939.	5.3	79
135	Early MoCA predicts long-term cognitive and functional outcome and mortality after stroke. Neurology, 2018, 91, e1838-e1850.	1.1	119
136	Action Plan for Stroke in Europe 2018â€“2030. European Stroke Journal, 2018, 3, 309-336.	5.5	311
137	Serum neurofilament light. Neurology, 2018, 91, e1338-e1347.	1.1	137
138	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
139	Different Types of White Matter Hyperintensities in CADASIL. Frontiers in Neurology, 2018, 9, 526.	2.4	21
140	Genetic Study of White Matter Integrity in UK Biobank (N=8448) and the Overlap With Stroke, Depression, and Dementia. Stroke, 2018, 49, 1340-1347.	2.0	63
141	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
142	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	21.4	1,124
143	Serum Neurofilament Light Chain Levels Are Related to Small Vessel Disease Burden. Journal of Stroke, 2018, 20, 228-238.	3.2	82
144	STROKOG (stroke and cognition consortium): An international consortium to examine the epidemiology, diagnosis, and treatment of neurocognitive disorders in relation to cerebrovascular disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 11-23.	2.4	41

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145	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CADASIL) as a model of small vessel disease: update on clinical, diagnostic, and management aspects. BMC Medicine, 2017, 15, 41.	5.5	212
146	Vascular Cognitive Impairment. Circulation Research, 2017, 120, 573-591.	4.5	385
147	Left frontal cortex connectivity underlies cognitive reserve in prodromal Alzheimer disease. Neurology, 2017, 88, 1054-1061.	1.1	116
148	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
149	Atrial Fibrillation Genetic Risk and Ischemic Stroke Mechanisms. Stroke, 2017, 48, 1451-1456.	2.0	33
150	Cortical Superficial Siderosis in Different Types of Cerebral Small Vessel Disease. Stroke, 2017, 48, 1404-1407.	2.0	40
151	Inhibition of atherogenesis by the COP9 signalosome subunit 5 in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2766-E2775.	7.1	40
152	Cognitive reserve moderates the association between functional network anti-correlations and memory in MCI. Neurobiology of Aging, 2017, 50, 152-162.	3.1	63
153	Predictors and Clinical Impact of Incident Lacunes in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Stroke, 2017, 48, 283-289.	2.0	25
154	Genetic variation at 16q24.2 is associated with small vessel stroke. Annals of Neurology, 2017, 81, 383-394.	5.3	73
155	COL4A2 is associated with lacunar ischemic stroke and deep ICH. Neurology, 2017, 89, 1829-1839.	1.1	58
156	Validation of the Telephone Interview of Cognitive Status and Telephone Montreal Cognitive Assessment Against Detailed Cognitive Testing and Clinical Diagnosis of Mild Cognitive Impairment After Stroke. Stroke, 2017, 48, 2952-2957.	2.0	94
157	Cerebral Microbleeds and the Risk of Incident Ischemic Stroke in CADASIL (Cerebral Autosomal) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2699-2703.	2.0	29
158	Defining Optimal Brain Health in Adults: A Presidential Advisory From the American Heart Association/American Stroke Association. Stroke, 2017, 48, e284-e303.	2.0	279
159	RNA-Seq Identifies Circulating miR-125a-5p, miR-125b-5p, and miR-143-3p as Potential Biomarkers for Acute Ischemic Stroke. Circulation Research, 2017, 121, 970-980.	4.5	210
160	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	21.4	783
161	Tractâ€specific white matter hyperintensities disrupt neural network function in Alzheimer's disease. Alzheimer's and Dementia, 2017, 13, 225-235.	0.8	49
162	Genetic variants influencing elevated myeloperoxidase levels increase risk of stroke. Brain, 2017, 140, 2663-2672.	7.6	12

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163	Genetic Imbalance in Patients with Cervical Artery Dissection. Current Genomics, 2017, 18, 206-213.	1.6	28
164	Associations of functional alanine-glyoxylate aminotransferase 2 gene variants with atrial fibrillation and ischemic stroke. Scientific Reports, 2016, 6, 23207.	3.3	20
165	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1319-1337.	4.3	80
166	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.	10.2	130
167	Shape of the Central Sulcus and Disability After Subcortical Stroke. Stroke, 2016, 47, 1023-1029.	2.0	12
168	Low-frequency and common genetic variation in ischemic stroke. Neurology, 2016, 86, 1217-1226.	1.1	141
169	Features and Determinants of Lacune Shape. Stroke, 2016, 47, 1258-1264.	2.0	11
170	Genetic Associations With White Matter Hyperintensities Confer Risk of Lacunar Stroke. Stroke, 2016, 47, 1174-1179.	2.0	22
171	Human Validation of Genes Associated With a Murine Atherosclerotic Phenotype. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1240-1246.	2.4	44
172	Enhanced resting-state functional connectivity between core memory-task activation peaks is associated with memory impairment in MCI. Neurobiology of Aging, 2016, 45, 43-49.	3.1	31
173	Cystatin C and Cardiovascular Disease. Journal of the American College of Cardiology, 2016, 68, 934-945.	2.8	109
174	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. Alzheimer's and Dementia, 2016, 12, 1235-1249.	0.8	82
175	Prediction of 3-year clinical course in CADASIL. Neurology, 2016, 87, 1787-1795.	1.1	24
176	A Novel Imaging Marker for Small Vessel Disease Based on Skeletonization of White Matter Tracts and Diffusion Histograms. Annals of Neurology, 2016, 80, 581-592.	5.3	250
177	Prevalence of Amyloid Positron Emission Tomographic Positivity in Poststroke Mild Cognitive Impairment. Stroke, 2016, 47, 2645-2648.	2.0	29
178	Absence of the Autophagy Adaptor SQSTM1/p62 Causes Childhood-Onset Neurodegeneration with Ataxia, Dystonia, and Gaze Palsy. American Journal of Human Genetics, 2016, 99, 735-743.	6.2	99
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