

Robin Lemmens

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

11,145
citations

44069

48
h-index

36028

97
g-index

221
all docs

221
docs citations

221
times ranked

15993
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.	21.4	1,124
2	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. <i>New England Journal of Medicine</i> , 2018, 379, 611-622.	27.0	912
3	Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source. <i>New England Journal of Medicine</i> , 2019, 380, 1906-1917.	27.0	568
4	Variants of the elongator protein 3 (ELP3) gene are associated with motor neuron degeneration. <i>Human Molecular Genetics</i> , 2009, 18, 472-481.	2.9	512
5	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.	10.2	445
6	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. <i>Nature Genetics</i> , 2012, 44, 328-333.	21.4	375
7	Genome-wide association study identifies 19p13.3 (UNC13A) and 9p21.2 as susceptibility loci for sporadic amyotrophic lateral sclerosis. <i>Nature Genetics</i> , 2009, 41, 1083-1087.	21.4	344
8	EPHA4 is a disease modifier of amyotrophic lateral sclerosis in animal models and in humans. <i>Nature Medicine</i> , 2012, 18, 1418-1422.	30.7	269
9	A Randomized Trial of Intravenous Alteplase before Endovascular Treatment for Stroke. <i>New England Journal of Medicine</i> , 2021, 385, 1833-1844.	27.0	249
10	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , The, 2016, 15, 174-184.	10.2	217
11	Genetic variation in DPP6 is associated with susceptibility to amyotrophic lateral sclerosis. <i>Nature Genetics</i> , 2008, 40, 29-31.	21.4	205
12	ITPR2 as a susceptibility gene in sporadic amyotrophic lateral sclerosis: a genome-wide association study. <i>Lancet Neurology</i> , The, 2007, 6, 869-877.	10.2	195
13	Angiogenin variants in Parkinson disease and amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2011, 70, 964-973.	5.3	168
14	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2019, 18, 653-665.	10.2	143
15	Lipoprotein (a) and Stroke. <i>Stroke</i> , 2007, 38, 1959-1966.	2.0	142
16	Low-frequency and common genetic variation in ischemic stroke. <i>Neurology</i> , 2016, 86, 1217-1226.	1.1	141
17	Review of Perfusion Imaging in Acute Ischemic Stroke. <i>Stroke</i> , 2020, 51, 1017-1024.	2.0	140
18	Overexpression of mutant superoxide dismutase 1 causes a motor axonopathy in the zebrafish. <i>Human Molecular Genetics</i> , 2007, 16, 2359-2365.	2.9	134

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19	Demographic and Geographic Vascular Risk Factor Differences in European Young Adults With Ischemic Stroke. <i>Stroke</i> , 2012, 43, 2624-2630.	2.0	128
20	Early goal-directed haemodynamic optimization of cerebral oxygenation in comatose survivors after cardiac arrest: the Neuroprotect post-cardiac arrest trial. <i>European Heart Journal</i> , 2019, 40, 1804-1814.	2.2	123
21	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , 2018, 175, 1679-1687.e7.	28.9	115
22	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , 2020, 396, 1574-1584.	13.7	107
23	Prediction of Outcome in Patients With Acute Ischemic Stroke Based on Initial Severity and Improvement in the First 24h. <i>Frontiers in Neurology</i> , 2018, 9, 308.	2.4	100
24	Genome-wide association meta-analysis of functional outcome after ischemic stroke. <i>Neurology</i> , 2019, 92, e1271-e1283.	1.1	99
25	A zebrafish model for C9orf72 ALS reveals RNA toxicity as a pathogenic mechanism. <i>Acta Neuropathologica</i> , 2018, 135, 427-443.	7.7	98
26	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. <i>Lancet Neurology, The</i> , 2021, 20, 351-361.	10.2	95
27	Enhanced phasic GABA inhibition during the repair phase of stroke: a novel therapeutic target. <i>Brain</i> , 2016, 139, 468-480.	7.6	94
28	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. <i>Neurology</i> , 2016, 86, 146-153.	1.1	91
29	Brain microbleeds, anticoagulation, and hemorrhage risk. <i>Neurology</i> , 2017, 89, 2317-2326.	1.1	90
30	Microbleeds and the Risk of Recurrent Stroke. <i>Stroke</i> , 2010, 41, 2005-2009.	2.0	87
31	Network meta-analysis: simultaneous meta-analysis of common antiplatelet regimens after transient ischaemic attack or stroke. <i>European Heart Journal</i> , 2008, 29, 1086-1092.	2.2	85
32	Inflammation and Stroke Risk: A New Target for Prevention. <i>Stroke</i> , 2021, 52, 2697-2706.	2.0	78
33	Deletion or Inhibition of the Oxygen Sensor PHD1 Protects against Ischemic Stroke via Reprogramming of Neuronal Metabolism. <i>Cell Metabolism</i> , 2016, 23, 280-291.	16.2	77
34	The Association of the 4q25 Susceptibility Variant for Atrial Fibrillation With Stroke Is Limited to Stroke of Cardioembolic Etiology. <i>Stroke</i> , 2010, 41, 1850-1857.	2.0	76
35	Reducing prehospital delay in acute stroke. <i>Nature Reviews Neurology</i> , 2009, 5, 477-483.	10.1	75
36	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.	3.5	75

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37	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017, 81, 383-394.	5.3	73
38	Wake-Up Stroke and Stroke of Unknown Onset: A Critical Review. <i>Frontiers in Neurology</i> , 2014, 5, 153.	2.4	63
39	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. <i>JAMA Neurology</i> , 2019, 76, 641.	9.0	63
40	Stroke Genetics Network (SiGN) Study. <i>Stroke</i> , 2013, 44, 2694-2702.	2.0	62
41	Anti-inflammatory approaches to ischaemic stroke prevention. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 211-218.	1.9	61
42	RNA metabolism and the pathogenesis of motor neuron diseases. <i>Trends in Neurosciences</i> , 2010, 33, 249-258.	8.6	60
43	Optimum Blood Pressure in Patients With Shock After Acute Myocardial Infarction and Cardiac Arrest. <i>Journal of the American College of Cardiology</i> , 2020, 76, 812-824.	2.8	59
44	Prediction of final infarct volume from native CT perfusion and treatment parameters using deep learning. <i>Medical Image Analysis</i> , 2020, 59, 101589.	11.6	58
45	Elongator subunit 3 (ELP3) modifies ALS through tRNA modification. <i>Human Molecular Genetics</i> , 2018, 27, 1276-1289.	2.9	56
46	In vivo synaptic density loss is related to tau deposition in amnesic mild cognitive impairment. <i>Neurology</i> , 2020, 95, e545-e553.	1.1	56
47	Agreement between TOAST and CCS ischemic stroke classification. <i>Neurology</i> , 2014, 83, 1653-1660.	1.1	55
48	Big Data Approaches to Phenotyping Acute Ischemic Stroke Using Automated Lesion Segmentation of Multi-Center Magnetic Resonance Imaging Data. <i>Stroke</i> , 2019, 50, 1734-1741.	2.0	52
49	A large genome scan for rare CNVs in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2010, 19, 4091-4099.	2.9	51
50	Novel COL4A1 mutations cause cerebral small vessel disease by haploinsufficiency. <i>Human Molecular Genetics</i> , 2013, 22, 391-397.	2.9	51
51	Stroke With Unknown Time of Symptom Onset. <i>Stroke</i> , 2017, 48, 770-773.	2.0	51
52	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. <i>Nature Communications</i> , 2021, 12, 3289.	12.8	50
53	NIPA1 polyalanine repeat expansions are associated with amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2012, 21, 2497-2502.	2.9	49
54	Modifying expression of EphA4 and its downstream targets improves functional recovery after stroke. <i>Human Molecular Genetics</i> , 2013, 22, 2214-2220.	2.9	49

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55	Alberta Stroke Program Early CT Score Versus Computed Tomographic Perfusion to Predict Functional Outcome After Successful Reperfusion in Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 2361-2367.	2.0	49
56	<i>PATJ</i> Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. <i>Circulation Research</i> , 2019, 124, 114-120.	4.5	49
57	Stem cell therapy for acute cerebral injury. <i>Current Opinion in Neurology</i> , 2013, 26, 617-625.	3.6	48
58	White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts â€“ The MRI-GENIE study. <i>NeuroImage: Clinical</i> , 2019, 23, 101884.	2.7	48
59	Genetic variant in theHSPB1 promoter region impairs the HSP27 stress response. <i>Human Mutation</i> , 2007, 28, 830-830.	2.5	47
60	Genetic variation in <i>PLEKHG1</i> is associated with white matter hyperintensities (n = 11,226). <i>Neurology</i> , 2019, 92, e749-e757.	1.1	47
61	A Comparison of Relative Time to Peak and Tmax for Mismatch-Based Patient Selection. <i>Frontiers in Neurology</i> , 2017, 8, 539.	2.4	46
62	Potential human transmission of amyloid Î² pathology: surveillance and risks. <i>Lancet Neurology</i> , The, 2020, 19, 872-878.	10.2	46
63	Pathogenic Ischemic Stroke Phenotypes in the NINDS-Stroke Genetics Network. <i>Stroke</i> , 2014, 45, 3589-3596.	2.0	45
64	Colchicine for prevention of vascular inflammation in Non-CardioEmbolic stroke (CONVINCE) â€“ study protocol for a randomised controlled trial. <i>European Stroke Journal</i> , 2021, 6, 222-228.	5.5	45
65	Association of Apolipoprotein E Îµ2 With White Matter Disease but Not With Microbleeds. <i>Stroke</i> , 2007, 38, 1185-1188.	2.0	43
66	Variant on 9p21 strongly associates with coronary heart disease, but lacks association with common stroke. <i>European Journal of Human Genetics</i> , 2009, 17, 1287-1293.	2.8	42
67	Association Between Time From Stroke Onset and Fluid-Attenuated Inversion Recovery Lesion Intensity Is Modified by Status of Collateral Circulation. <i>Stroke</i> , 2016, 47, 1018-1022.	2.0	40
68	Effect of endovascular reperfusion in relation to site of arterial occlusion. <i>Neurology</i> , 2016, 86, 762-770.	1.1	38
69	Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2021, 20, 294-303.	10.2	37
70	Design and rationale for examining neuroimaging genetics in ischemic stroke. <i>Neurology: Genetics</i> , 2017, 3, e180.	1.9	35
71	White matter hyperintensity burden in acute stroke patients differs by ischemic stroke subtype. <i>Neurology</i> , 2020, 95, e79-e88.	1.1	34
72	Colchicine for stroke prevention in patients with coronary artery disease: a systematic review and meta-analysis. <i>European Journal of Neurology</i> , 2020, 27, 1035-1038.	3.3	34

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73	Safety and efficacy of GABAA $\hat{=}$ 5 antagonist S44819 in patients with ischaemic stroke: a multicentre, double-blind, randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 226-233.	10.2	34
74	Imaging Markers of Brain Frailty and Outcome in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 1004-1011.	2.0	33
75	Prognostic Value of BEFAST vs. FAST to Identify Stroke in a Prehospital Setting. <i>Prehospital Emergency Care</i> , 2019, 23, 195-200.	1.8	32
76	Synaptic density in healthy human aging is not influenced by age or sex: a 11C-UCB-J PET study. <i>NeuroImage</i> , 2021, 232, 117877.	4.2	31
77	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.1	30
78	Detailed phenotyping of posterior vs. anterior circulation ischemic stroke: a multi-center MRI study. <i>Journal of Neurology</i> , 2020, 267, 649-658.	3.6	28
79	Mean arterial pressure of 65 mm Hg versus 85-100 mm Hg in comatose survivors after cardiac arrest: Rationale and study design of the Neuroprotect post- cardiac arrest trial. <i>American Heart Journal</i> , 2017, 191, 91-98.	2.7	27
80	Clinical Characteristics and Outcome of Patients With Hemorrhagic Transformation After Intravenous Thrombolysis in the WAKE-UP Trial. <i>Frontiers in Neurology</i> , 2020, 11, 957.	2.4	24
81	Different Mismatch Concepts for Magnetic Resonance Imaging- Guided Thrombolysis in Unknown Onset Stroke. <i>Annals of Neurology</i> , 2020, 87, 931-938.	5.3	24
82	Identification and characterization of Nanobodies targeting the EphA4 receptor. <i>Journal of Biological Chemistry</i> , 2017, 292, 11452-11465.	3.4	23
83	The Role of Colchicine in the Prevention of Cerebrovascular Ischemia. <i>Current Pharmaceutical Design</i> , 2018, 24, 668-674.	1.9	23
84	Diagnostic accuracy of noncontrast CT imaging markers in cerebral venous thrombosis. <i>Neurology</i> , 2019, 92, e841-e851.	1.1	22
85	Embolic strokes of undetermined source: theoretical construct or useful clinical tool?. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641985138.	3.5	22
86	Features of intracranial hemorrhage in cerebral venous thrombosis. <i>Journal of Neurology</i> , 2020, 267, 3292-3298.	3.6	22
87	GISCOME - 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.	5.5	21
88	Outcome After Clipping and Coiling for Aneurysmal Subarachnoid Hemorrhage in Clinical Practice in Europe, USA, and Australia. <i>Neurosurgery</i> , 2019, 84, 1019-1027.	1.1	21
89	Comparison of the response to endovascular reperfusion in relation to site of arterial occlusion. <i>Neurology</i> , 2013, 81, 614-618.	1.1	20
90	Prediction of Stroke Onset Is Improved by Relative Fluid-Attenuated Inversion Recovery and Perfusion Imaging Compared to the Visual Diffusion-Weighted Imaging/Fluid-Attenuated Inversion Recovery Mismatch. <i>Stroke</i> , 2016, 47, 2559-2564.	2.0	20

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91	Genetic ablation of IP3receptor 2 increases cytokines and decreases survival of SOD1G93A mice. Human Molecular Genetics, 2016, 25, 3491-3499.	2.9	19
92	Magnetic resonance imaging-based endovascular versus medical stroke treatment for symptom onset up to 12h. International Journal of Stroke, 2016, 11, 127-133.	5.9	19
93	APOE ε4 is associated with younger age at ischemic stroke onset but not with stroke outcome. Neurology, 2019, 93, 849-853.	1.1	19
94	Cerebrovascular events after surgery versus conservative therapy for moyamoya disease: a meta-analysis. Acta Neurologica Belgica, 2019, 119, 305-313.	1.1	19
95	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. Neurology, 2022, 98, .	1.1	19
96	Genetic ablation of phospholipase C delta 1 increases survival in SOD1G93A mice. Neurobiology of Disease, 2013, 60, 11-17.	4.4	18
97	Detection of Atrial Fibrillation Among Patients With Stroke Due to Large or Small Vessel Disease: A Meta-Analysis. Journal of the American Heart Association, 2016, 5, .	3.7	18
98	Genetically Determined Risk of Depression and Functional Outcome After Ischemic Stroke. Stroke, 2019, 50, 2219-2222.	2.0	18
99	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. Stroke, 2020, 51, 209-215.	2.0	18
100	Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Mayo Clinic Proceedings, 2020, 95, 955-965.	3.0	18
101	Is Leukoaraiosis on CT an accurate surrogate marker for the presence of microbleeds in acute stroke patients?. Journal of Neurology, 2007, 254, 284-289.	3.6	17
102	Pocket Pain and Neuromodulation: Negligible or Neglected?. Neuromodulation, 2017, 20, 600-605.	0.8	17
103	EphA4 loss improves social memory performance and alters dendritic spine morphology without changes in amyloid pathology in a mouse model of Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 102.	6.2	17
104	Analysis of the KIFAP3 gene in amyotrophic lateral sclerosis: a multicenter survival study. Neurobiology of Aging, 2014, 35, 2420.e13-2420.e14.	3.1	16
105	Association between the Perfusion/Diffusion and Diffusion/FLAIR Mismatch: Data from the AXIS2 Trial. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1681-1686.	4.3	16
106	Genetic Imbalance Is Associated With Functional Outcome After Ischemic Stroke. Stroke, 2019, 50, 298-304.	2.0	16
107	Analysis of FCGY as a risk factor for sporadic amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 441-447.	2.1	15
108	Clinical Scores for Predicting Recurrence After Transient Ischemic Attack or Stroke. Stroke, 2013, 44, 1198-1203.	2.0	15

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109	Unknown onset ischemic strokes in patients last-seen-well >4.5h: differences between wake-up and daytime-unwitnessed strokes. <i>Acta Neurologica Belgica</i> , 2017, 117, 637-642.	1.1	15
110	Prediction of Stroke Infarct Growth Rates by Baseline Perfusion Imaging. <i>Stroke</i> , 2022, 53, 569-577.	2.0	15
111	Multi-ancestry GWAS reveals excitotoxicity associated with outcome after ischaemic stroke. <i>Brain</i> , 2022, 145, 2394-2406.	7.6	15
112	Spatial decrease of synaptic density in amnesic mild cognitive impairment follows the tau build-up pattern. <i>Molecular Psychiatry</i> , 2022, 27, 4244-4251.	7.9	15
113	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. <i>Nature Communications</i> , 2021, 12, 2590.	12.8	14
114	Patients with Single Distal MCA Perfusion Lesions Have a High Rate of Good Outcome with or without Reperfusion. <i>International Journal of Stroke</i> , 2014, 9, 156-159.	5.9	13
115	International stroke genetics consortium recommendations for studies of genetics of stroke outcome and recovery. <i>International Journal of Stroke</i> , 2022, 17, 260-268.	5.9	13
116	Added Value of Quantitative Apparent Diffusion Coefficient Values for Neuroprognostication After Cardiac Arrest. <i>Neurology</i> , 2021, 96, e2611-e2618.	1.1	12
117	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. <i>Frontiers in Neuroscience</i> , 2021, 15, 691244.	2.8	12
118	Changes in synaptic density in the subacute phase after ischemic stroke: A 11C-UCB-J PET/MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, , 0271678X2110477.	4.3	12
119	Multi-phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	3.8	12
120	Association of Stroke Lesion Pattern and White Matter Hyperintensity Burden With Stroke Severity and Outcome. <i>Neurology</i> , 2022, 99, .	1.1	12
121	Transient hemiparesis caused by spontaneous cervical epidural hematoma. <i>Acta Neurologica Belgica</i> , 2012, 112, 291-293.	1.1	11
122	Postpartum RCVS and PRES with normal initial imaging findings. <i>Acta Neurologica Belgica</i> , 2012, 112, 189-192.	1.1	11
123	Hospital case-volume is associated with case-fatality after aneurysmal subarachnoid hemorrhage. <i>International Journal of Stroke</i> , 2019, 14, 282-289.	5.9	11
124	Reduction of ephrin-A5 aggravates disease progression in amyotrophic lateral sclerosis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 114.	5.2	11
125	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 700616.	2.4	11
126	Early versus Late initiation of direct oral Anticoagulants in post-ischaemic stroke patients with atrial fibrillation (ELAN): Protocol for an international, multicentre, randomised-controlled, two-arm, open, assessor-blinded trial. <i>European Stroke Journal</i> , 2022, 7, 487-495.	5.5	11

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127	Reducing EphA4 before disease onset does not affect survival in a mouse model of Amyotrophic Lateral Sclerosis. <i>Scientific Reports</i> , 2019, 9, 14112.	3.3	10
128	Current Smoking Does Not Modify the Treatment Effect of Intravenous Thrombolysis in Acute Ischemic Stroke Patientsâ€”A Post-hoc Analysis of the WAKE-UP Trial. <i>Frontiers in Neurology</i> , 2019, 10, 1239.	2.4	10
129	Single nucleotide variations in <i>ZBTB46</i> are associated with post-thrombolytic parenchymal haematoma. <i>Brain</i> , 2021, 144, 2416-2426.	7.6	10
130	Genome-Wide Association Study Identifies First Locus Associated with Susceptibility to Cerebral Venous Thrombosis. <i>Annals of Neurology</i> , 2021, 90, 777-788.	5.3	10
131	Impact of meningeal uptake and partial volume correction techniques on [¹⁸ F]MK-6240 binding in aMCI patients and healthy controls. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1236-1246.	4.3	10
132	Non-invasive brain stimulation as therapeutic approach for ischemic stroke: Insights into the (sub)cellular mechanisms. , 2022, 235, 108160.		10
133	Mechanical endovascular thrombectomy for acute ischemic stroke: a retrospective multicenter study in Belgium. <i>Acta Neurologica Belgica</i> , 2016, 116, 7-14.	1.1	9
134	The impact of global hemodynamics, oxygen and carbon dioxide on epileptiform EEG activity in comatose survivors of out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018, 123, 92-97.	3.0	9
135	A survey of functional dyspepsia in 361,360 individuals: Phenotypic and genetic cross-disease analyses. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14236.	3.0	9
136	Neuromuscular complications after COVID-19 vaccination: a series of eight patients. <i>Acta Neurologica Belgica</i> , 2022, 122, 753-761.	1.1	9
137	Polymorphisms in the GluR2 gene are not associated with amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2012, 33, 418-420.	3.1	8
138	Recommendations From the International Stroke Genetics Consortium, Part 2. <i>Stroke</i> , 2015, 46, 285-290.	2.0	8
139	Automated DWI analysis can identify patients within the thrombolysis time window of 4.5 hours. <i>Neurology</i> , 2018, 90, e1570-e1577.	1.1	8
140	Environmental enrichment during the chronic phase after experimental stroke promotes functional recovery without synergistic effects of EphA4 targeted therapy. <i>Human Molecular Genetics</i> , 2020, 29, 605-617.	2.9	8
141	Qualitative and quantitative analysis of diffusion-weighted brain MR imaging in comatose survivors after cardiac arrest. <i>Neuroradiology</i> , 2020, 62, 1361-1369.	2.2	8
142	The Role of Amyloid PET in Diagnosing Possible Transmissible Cerebral Amyloid Angiopathy in Young Adults with a History of Neurosurgery: A Case Series. <i>Cerebrovascular Diseases</i> , 2021, 50, 356-360.	1.7	8
143	Sex-specific lesion pattern of functional outcomes after stroke. <i>Brain Communications</i> , 2022, 4, fca020.	3.3	8
144	Lipid-lowering therapy and risk-based LDL-C goal attainment in Belgium: DA VINCI observational study. <i>Acta Cardiologica</i> , 2024, 79, 20-29.	0.9	8

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145	Safety and efficacy of intravenous thrombolysis in stroke patients on prior antiplatelet therapy in the WAKE-UP trial. <i>Neurological Research and Practice</i> , 2020, 2, 40.	2.0	7
146	Screening for Intracranial Aneurysms in Individuals with a Positive First-Degree Family History: A Systematic Review. <i>World Neurosurgery</i> , 2021, 151, 235-248.e5.	1.3	7
147	Postoperative atrial fibrillation: Target for stroke prevention?. <i>European Stroke Journal</i> , 2017, 2, 222-228.	5.5	6
148	Extent of FLAIR Hyperintense Vessels May Modify Treatment Effect of Thrombolysis: A Post hoc Analysis of the WAKE-UP Trial. <i>Frontiers in Neurology</i> , 2020, 11, 623881.	2.4	6
149	Influence of stroke infarct location on quality of life assessed in a multivariate lesion-symptom mapping study. <i>Scientific Reports</i> , 2021, 11, 13490.	3.3	6
150	RP11-362K2.2:RP11-767I20.1 Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 3137.	2.4	6
151	Is There a Decline in the Vascular Event Rate after Transient Ischemic Attack or Stroke in Antiplatelet Trials?. <i>Cerebrovascular Diseases</i> , 2009, 28, 439-447.	1.7	5
152	Genetics of Atrial Fibrillation and Possible Implications for Ischemic Stroke. <i>Stroke Research and Treatment</i> , 2011, 2011, 1-7.	0.8	5
153	Unilateral White Matter Involvement in Krabbe Disease. <i>Archives of Neurology</i> , 2011, 68, 130-1.	4.5	5
154	Clinical characteristics of unknown symptom onset stroke patients with and without diffusion-weighted imaging and fluid-attenuated inversion recovery mismatch. <i>International Journal of Stroke</i> , 2018, 13, 66-73.	5.9	5
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