Vincent N Thijs

List of Publications by Year in descending order

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8755 6996 28,381 416 75 citations h-index papers

g-index 435 435 435 31416 docs citations times ranked citing authors all docs

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#	Article	IF	CITATIONS
1	Cryptogenic Stroke and Underlying Atrial Fibrillation. New England Journal of Medicine, 2014, 370, 2478-2486.	27.0	1,694
2	Edoxaban for the Treatment of Cancer-Associated Venous Thromboembolism. New England Journal of Medicine, 2018, 378, 615-624.	27.0	1,237
3	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. Nature Genetics, 2013, 45, 1353-1360.	21.4	1,213
4	Magnetic resonance imaging profiles predict clinical response to early reperfusion: The diffusion and perfusion imaging evaluation for understanding stroke evolution (DEFUSE) study. Annals of Neurology, 2006, 60, 508-517.	5 . 3	1,138
5	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
6	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
7	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. New England Journal of Medicine, 2018, 379, 611-622.	27.0	912
8	VEGF is a modifier of amyotrophic lateral sclerosis in mice and humans and protects motoneurons against ischemic death. Nature Genetics, 2003, 34, 383-394.	21.4	794
9	Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke. New England Journal of Medicine, 2019, 380, 1795-1803.	27.0	653
10	Treatment and outcomes of acute basilar artery occlusion in the Basilar Artery International Cooperation Study (BASICS): a prospective registry study. Lancet Neurology, The, 2009, 8, 724-730.	10.2	640
11	Tenecteplase versus Alteplase before Thrombectomy for Ischemic Stroke. New England Journal of Medicine, 2018, 378, 1573-1582.	27.0	538
12	The angiotensin-receptor blocker candesartan for treatment of acute stroke (SCAST): a randomised, placebo-controlled, double-blind trial. Lancet, The, 2011, 377, 741-750.	13.7	485
13	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.	10.2	445
14	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. Nature Genetics, 2012, 44, 328-333.	21.4	375
15	Optimal Tmax Threshold for Predicting Penumbral Tissue in Acute Stroke. Stroke, 2009, 40, 469-475.	2.0	359
16	Epidemiology, pathophysiology, diagnosis, and management of intracranial artery dissection. Lancet Neurology, The, 2015, 14, 640-654.	10.2	324
17	Extending thrombolysis to 4·5–9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. Lancet, The, 2019, 394, 139-147.	13.7	321
18	EPHA4 is a disease modifier of amyotrophic lateral sclerosis in animal models and in humans. Nature Medicine, 2012, 18, 1418-1422.	30.7	269

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19	Efficacy and Safety of Tissue Plasminogen Activator 3 to 4.5 Hours After Acute Ischemic Stroke. Stroke, 2009, 40, 2438-2441.	2.0	217
20	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. Lancet Neurology, The, 2016, 15, 174-184.	10.2	217
21	Is Early Ischemic Lesion Volume on Diffusion-Weighted Imaging an Independent Predictor of Stroke Outcome?. Stroke, 2000, 31, 2597-2602.	2.0	216
22	Prevalence of diabetes and its effects on strokeÂoutcomes: A metaâ€analysis and literature review. Journal of Diabetes Investigation, 2019, 10, 780-792.	2.4	212
23	Time Course of Trunk, Arm, Leg, and Functional Recovery After Ischemic Stroke. Neurorehabilitation and Neural Repair, 2008, 22, 173-179.	2.9	197
24	Common variation in PHACTR1 is associated with susceptibility to cervical artery dissection. Nature Genetics, 2015, 47, 78-83.	21.4	195
25	Treatment Time-Specific Number Needed to Treat Estimates for Tissue Plasminogen Activator Therapy in Acute Stroke Based on Shifts Over the Entire Range of the Modified Rankin Scale. Stroke, 2009, 40, 2079-2084.	2.0	194
26	Acute Stroke Imaging Research Roadmap II. Stroke, 2013, 44, 2628-2639.	2.0	192
27	Acute Cerebrovascular Disease in the Young. Stroke, 2013, 44, 340-349.	2.0	186
28	Risk Factors of Symptomatic Intracerebral Hemorrhage After tPA Therapy for Acute Stroke. Stroke, 2007, 38, 2275-2278.	2.0	176
29	Effect of Intravenous Tenecteplase Dose on Cerebral Reperfusion Before Thrombectomy in Patients With Large Vessel Occlusion Ischemic Stroke. JAMA - Journal of the American Medical Association, 2020, 323, 1257.	7.4	168
30	Closure of a patent foramen ovale is associated with a decrease in prevalence of migraine. Neurology, 2004, 62, 1439-1440.	1.1	165
31	How Do Somatosensory Deficits in the Arm and Hand Relate to Upper Limb Impairment, Activity, and Participation Problems After Stroke? A Systematic Review. Physical Therapy, 2014, 94, 1220-1231.	2.4	162
32	Cervical artery dissection. Neurology, 2013, 80, 1950-1957.	1.1	158
33	Predictors for atrial fibrillation detection after cryptogenic stroke. Neurology, 2016, 86, 261-269.	1.1	153
34	Stroke Severity Is a Crucial Predictor of Outcome: An International Prospective Validation Study. Journal of the American Heart Association, 2016, 5, .	3.7	152
35	Expanded <i>ATXN2</i> CAG repeat size in ALS identifies genetic overlap between ALS and SCA2. Neurology, 2011, 76, 2066-2072.	1.1	151
36	Etiology of firstâ€ever ischaemic stroke in European young adults: the 15 cities young stroke study. European Journal of Neurology, 2013, 20, 1431-1439.	3.3	150

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37	Trunk performance after stroke: an eye catching predictor of functional outcome. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 78, 694-698.	1.9	147
38	Optimal Definition for PWI/DWI Mismatch in Acute Ischemic Stroke Patients. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 887-891.	4.3	146
39	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. Lancet Neurology, The, 2019, 18, 653-665.	10.2	143
40	Lipoprotein (a) and Stroke. Stroke, 2007, 38, 1959-1966.	2.0	142
41	Association of Vascular Risk Factors With Cervical Artery Dissection and Ischemic Stroke in Young Adults. Circulation, 2011, 123, 1537-1544.	1.6	141
42	European Stroke Organisation Recommendations to Establish a Stroke Unit and Stroke Center. Stroke, 2013, 44, 828-840.	2.0	141
43	Low-frequency and common genetic variation in ischemic stroke. Neurology, 2016, 86, 1217-1226.	1.1	141
44	Overexpression of mutant superoxide dismutase 1 causes a motor axonopathy in the zebrafish. Human Molecular Genetics, 2007, 16 , $2359-2365$.	2.9	134
45	A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Test Efficacy and Safety of Magnetic Resonance Imaging-Based Thrombolysis in Wake-up Stroke (WAKE-UP). International Journal of Stroke, 2014, 9, 829-836.	5.9	130
46	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
47	Demographic and Geographic Vascular Risk Factor Differences in European Young Adults With Ischemic Stroke. Stroke, 2012, 43, 2624-2630.	2.0	128
48	ALternate Site Cardiac ResYNChronization (ALSYNC): a prospective and multicentre study of left ventricular endocardial pacing for cardiac resynchronization therapy. European Heart Journal, 2016, 37, 2118-2127.	2.2	127
49	Granulocyte Colony–Stimulating Factor in Patients With Acute Ischemic Stroke. Stroke, 2013, 44, 2681-2687.	2.0	125
50	Relationships Between Infarct Growth, Clinical Outcome, and Early Recanalization in Diffusion and Perfusion Imaging for Understanding Stroke Evolution (DEFUSE). Stroke, 2008, 39, 2257-2263.	2.0	122
51	Lesion evidence for the critical role of the intraparietal sulcus in spatial attention. Brain, 2011, 134, 1694-1709.	7.6	122
52	Recurrent stroke risk and cerebral microbleed burden in ischemic stroke and TIA. Neurology, 2016, 87, 1501-1510.	1.1	120
53	Time is Brain(stem) in Basilar Artery Occlusion. Stroke, 2012, 43, 3003-3006.	2.0	118
54	The Causative Classification of Stroke system. Neurology, 2010, 75, 1277-1284.	1.1	107

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55	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. Lancet, The, 2020, 396, 1574-1584.	13.7	107
56	Influence of Arterial Input Function on Hypoperfusion Volumes Measured With Perfusion-Weighted Imaging. Stroke, 2004, 35, 94-98.	2.0	103
57	The MRA-DWI Mismatch Identifies Patients With Stroke Who Are Likely to Benefit From Reperfusion. Stroke, 2008, 39, 2491-2496.	2.0	103
58	Relationships Between Cerebral Perfusion and Reversibility of Acute Diffusion Lesions in DEFUSE. Stroke, 2009, 40, 1692-1697.	2.0	100
59	Microbleeds, Cerebral Hemorrhage, and Functional Outcome After Stroke Thrombolysis. Stroke, 2017, 48, 2084-2090.	2.0	100
60	Prediction of Outcome in Patients With Acute Ischemic Stroke Based on Initial Severity and Improvement in the First 24 h. Frontiers in Neurology, 2018, 9, 308.	2.4	100
61	Belgian Fabry Study. Stroke, 2010, 41, 863-868.	2.0	99
62	Genome-wide association meta-analysis of functional outcome after ischemic stroke. Neurology, 2019, 92, e1271-e1283.	1.1	99
63	Functional and Motor Outcome 5 Years After Stroke Is Equivalent to Outcome at 2 Months. Stroke, 2015, 46, 1613-1619.	2.0	96
64	Genome-wide analysis of 53,400 people with irritable bowel syndrome highlights shared genetic pathways with mood and anxiety disorders. Nature Genetics, 2021, 53, 1543-1552.	21.4	96
65	Validation of an Acute Ischemic Stroke Model. Stroke, 2007, 38, 1820-1825.	2.0	95
66	Global Impact of COVID-19 on Stroke Care and IV Thrombolysis. Neurology, 2021, 96, e2824-e2838.	1.1	95
67	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. Neurology, 2016, 86, 146-153.	1.1	91
68	Brain microbleeds, anticoagulation, and hemorrhage risk. Neurology, 2017, 89, 2317-2326.	1.1	90
69	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. Neurology, 2014, 83, 678-685.	1.1	89
70	Voxel-based lesion-symptom mapping of stroke lesions underlying somatosensory deficits. NeuroImage: Clinical, 2016, 10, 257-266.	2.7	88
71	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	2.0	88
72	The influence of percutaneous atrial septal defect closure on the occurrence of migraine. European Heart Journal, 2005, 26, 1533-1537.	2.2	87

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73	Microbleeds and the Risk of Recurrent Stroke. Stroke, 2010, 41, 2005-2009.	2.0	87
74	Network meta-analysis: simultaneous meta-analysis of common antiplatelet regimens after transient ischaemic attack or stroke. European Heart Journal, 2008, 29, 1086-1092.	2.2	85
75	Embolization of pulmonary arteriovenous malformations and decrease in prevalence of migraine. Neurology, 2006, 66, 202-205.	1.1	81
76	The G93C Mutation in Superoxide Dismutase 1. Archives of Neurology, 2006, 63, 262.	4.5	81
77	Discriminant ability of the Trunk Impairment Scale: A comparison between stroke patients and healthy individuals. Disability and Rehabilitation, 2005, 27, 1023-1028.	1.8	79
78	Migraine in cervical artery dissection and ischemic stroke patients. Neurology, 2012, 78, 1221-1228.	1.1	78
79	CT Density Measurement and H:H Ratio Are Useful in Diagnosing Acute Cerebral Venous Sinus Thrombosis. American Journal of Neuroradiology, 2013, 34, 1568-1572.	2.4	78
80	The Association of the 4q25 Susceptibility Variant for Atrial Fibrillation With Stroke Is Limited to Stroke of Cardioembolic Etiology. Stroke, 2010, 41, 1850-1857.	2.0	76
81	Reducing prehospital delay in acute stroke. Nature Reviews Neurology, 2009, 5, 477-483.	10.1	75
82	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.	3.5	75
83	Familial occurrence and heritable connective tissue disorders in cervical artery dissection. Neurology, 2014, 83, 2023-2031.	1.1	74
84	Foundations of advanced magnetic resonance imaging. NeuroRx, 2005, 2, 167-196.	6.0	73
85	Thrombolysis in Cervical Artery Dissection – Data from the Cervical Artery Dissection and Ischaemic Stroke Patients (CADISP) database. European Journal of Neurology, 2012, 19, 1199-1206.	3.3	73
86	Pretreatment Blood–Brain Barrier Damage and Post-Treatment Intracranial Hemorrhage in Patients Receiving Intravenous Tissue-Type Plasminogen Activator. Stroke, 2014, 45, 2030-2035.	2.0	73
87	Genetic variation at 16q24.2 is associated with small vessel stroke. Annals of Neurology, 2017, 81, 383-394.	5.3	73
88	Meta-analysis of vascular endothelial growth factor variations in amyotrophic lateral sclerosis: increased susceptibility in male carriers of the -2578AA genotype. Journal of Medical Genetics, 2009, 46, 840-846.	3.2	70
89	Tranexamic acid in patients with intracerebral haemorrhage (STOP-AUST): a multicentre, randomised, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2020, 19, 980-987.	10.2	70
90	Comparison of tenecteplase with alteplase for the early treatment of ischaemic stroke in the Melbourne Mobile Stroke Unit (TASTE-A): a phase 2, randomised, open-label trial. Lancet Neurology, The, 2022, 21, 520-527.	10.2	69

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91	Blood–brain barrier leakage increases with small vessel disease in acute ischemic stroke. Neurology, 2017, 89, 2143-2150.	1.1	68
92	Ticagrelor Added to Aspirin in Acute Nonsevere Ischemic Stroke or Transient Ischemic Attack of Atherosclerotic Origin. Stroke, 2020, 51, 3504-3513.	2.0	67
93	Evaluation of the Clinical–Diffusion and Perfusion–Diffusion Mismatch Models in DEFUSE. Stroke, 2007, 38, 1826-1830.	2.0	66
94	Cost-effectiveness of an insertable cardiac monitor to detect atrial fibrillation in patients with cryptogenic stroke. International Journal of Stroke, 2016, 11, 302-312.	5.9	64
95	Wake-Up Stroke and Stroke of Unknown Onset: A Critical Review. Frontiers in Neurology, 2014, 5, 153.	2.4	63
96	Somatosensory Impairments in the Upper Limb Poststroke. Neurorehabilitation and Neural Repair, 2016, 30, 731-742.	2.9	63
97	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. JAMA Neurology, 2019, 76, 641.	9.0	63
98	Patients with Acute Stroke Treated with Intravenous tPA 3–6 Hours after Stroke Onset: Correlations between MR Angiography Findings and Perfusion- and Diffusion-weighted Imaging in the DEFUSE Study. Radiology, 2008, 249, 614-623.	7.3	62
99	Stroke Genetics Network (SiGN) Study. Stroke, 2013, 44, 2694-2702.	2.0	62
100	Styloid and Hyoid Bone Proximity Is a Risk Factor for Cervical Carotid Artery Dissection. Stroke, 2013, 44, 2475-2479.	2.0	61
101	Small vessel disease and clinical outcomes after IV rt-PA treatment. Acta Neurologica Scandinavica, 2017, 136, 72-77.	2.1	61
102	Genetic associations with brain microbleeds. Neurology, 2011, 77, 158-167.	1.1	60
103	Prevalence and Significance of Impaired Microvascular Tissue Reperfusion Despite Macrovascular Angiographic Reperfusion (No-Reflow). Neurology, 2022, 98, .	1.1	60
104	A Comparison of Two Spelling Brain-Computer Interfaces Based on Visual P3 and SSVEP in Locked-In Syndrome. PLoS ONE, 2013, 8, e73691.	2.5	59
105	Geography, Structure, and Evolution of Diffusion and Perfusion Lesions in Diffusion and Perfusion Imaging Evaluation For Understanding Stroke Evolution (DEFUSE). Stroke, 2009, 40, 3245-3251.	2.0	58
106	<i>COL4A2</i> is associated with lacunar ischemic stroke and deep ICH. Neurology, 2017, 89, 1829-1839.	1.1	58
107	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. International Journal of Stroke, 2018, 13, 328-334.	5.9	58
108	Relationship Between Glycated Hemoglobin and Stroke Risk: A Systematic Review and Metaâ€Analysis. Journal of the American Heart Association, 2018, 7, .	3.7	58

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109	Melbourne Mobile Stroke Unit and Reperfusion Therapy. Stroke, 2020, 51, 922-930.	2.0	58
110	Infarct Topography and Detection of Atrial Fibrillation in Cryptogenic Stroke: Results from CRYSTAL AF. Cerebrovascular Diseases, 2015, 40, 91-96.	1.7	57
111	Shared genetic contribution to ischemic stroke and Alzheimer's disease. Annals of Neurology, 2016, 79, 739-747.	5.3	56
112	Agreement between TOAST and CCS ischemic stroke classification. Neurology, 2014, 83, 1653-1660.	1.1	55
113	Female-Specific Association Between Variants on Chromosome 9 and Self-Reported Diagnosis of Irritable Bowel Syndrome. Gastroenterology, 2018, 155, 168-179.	1.3	55
114	Genome-Wide Association Analysis of Young-Onset Stroke Identifies a Locus on Chromosome 10q25 Near <i>HABP2</i> . Stroke, 2016, 47, 307-316.	2.0	54
115	Thrombolytics in Acute Ischaemic Stroke: Historical Perspective and Future Opportunities. Cerebrovascular Diseases, 2013, 35, 313-319.	1.7	53
116	How Well Do Standard Stroke Outcome Measures Reflect Quality of Life?. Stroke, 2013, 44, 3161-3165.	2.0	52
117	Big Data Approaches to Phenotyping Acute Ischemic Stroke Using Automated Lesion Segmentation of Multi-Center Magnetic Resonance Imaging Data. Stroke, 2019, 50, 1734-1741.	2.0	52
118	Novel COL4A1 mutations cause cerebral small vessel disease by haploinsufficiency. Human Molecular Genetics, 2013, 22, 391-397.	2.9	51
119	Stroke With Unknown Time of Symptom Onset. Stroke, 2017, 48, 770-773.	2.0	51
120	Association of <i>MTHFR</i> C677T Genotype With Ischemic Stroke Is Confined to Cerebral Small Vessel Disease Subtype. Stroke, 2016, 47, 646-651.	2.0	50
121	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. Nature Communications, 2021, 12, 3289.	12.8	50
122	Modifying expression of EphA4 and its downstream targets improves functional recovery after stroke. Human Molecular Genetics, 2013, 22, 2214-2220.	2.9	49
123	<i>PATJ</i> Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. Circulation Research, 2019, 124, 114-120.	4.5	49
124	Proof-of-Principle Phase II MRI Studies in Stroke. Stroke, 2006, 37, 2521-2525.	2.0	48
125	Clinical import of Horner syndrome in internal carotid and vertebral artery dissection. Neurology, 2014, 82, 1653-1659.	1.1	48
126	Associations Between Sensorimotor Impairments in the Upper Limb at 1 Week and 6 Months After Stroke. Journal of Neurologic Physical Therapy, 2016, 40, 186-195.	1.4	48

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127	White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts – The MRI-GENIE study. NeuroImage: Clinical, 2019, 23, 101884.	2.7	48
128	Genetic variation in $\langle i \rangle$ PLEKHG1 $\langle i \rangle$ is associated with white matter hyperintensities (n = 11,226). Neurology, 2019, 92, e749-e757.	1.1	47
129	Simultaneous segmentation and anatomical labeling of the cerebral vasculature. Medical Image Analysis, 2016, 32, 201-215.	11.6	46
130	A Comparison of Relative Time to Peak and Tmax for Mismatch-Based Patient Selection. Frontiers in Neurology, 2017, 8, 539.	2.4	46
131	Diffusion-weighted MR imaging in acute ischemia: value of apparent diffusion coefficient and signal intensity thresholds in predicting tissue at risk and final infarct size. American Journal of Neuroradiology, 2004, 25, 1331-6.	2.4	46
132	Pathogenic Ischemic Stroke Phenotypes in the NINDS-Stroke Genetics Network. Stroke, 2014, 45, 3589-3596.	2.0	45
133	Platelet function testing in transient ischaemic attack and ischaemic stroke: A comprehensive systematic review of the literature. Platelets, 2015, 26, 402-412.	2.3	44
134	Association of Apolipoprotein E $\hat{l}\mu 2$ With White Matter Disease but Not With Microbleeds. Stroke, 2007, 38, 1185-1188.	2.0	43
135	Intracranial Vessel Wall Imaging with Magnetic Resonance Imaging: Current Techniques and Applications. World Neurosurgery, 2018, 112, 186-198.	1.3	43
136	Variant on 9p21 strongly associates with coronary heart disease, but lacks association with common stroke. European Journal of Human Genetics, 2009, 17, 1287-1293.	2.8	42
137	Microvascular Dysfunction in Blood-Brain Barrier Disruption and Hypoperfusion Within the Infarct Posttreatment Are Associated With Cerebral Edema. Stroke, 2022, 53, 1597-1605.	2.0	42
138	Rescue Intracranial Stenting After Failed Mechanical Thrombectomy for Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. World Neurosurgery, 2019, 132, e235-e245.	1.3	41
139	Variations in Quality Indicators of Acute Stroke Care in 6 European Countries. Stroke, 2012, 43, 458-463.	2.0	40
140	Association Between Time From Stroke Onset and Fluid-Attenuated Inversion Recovery Lesion Intensity Is Modified by Status of Collateral Circulation. Stroke, 2016, 47, 1018-1022.	2.0	40
141	Modified Rankin scale as a determinant of direct medical costs after stroke. International Journal of Stroke, 2017, 12, 392-400.	5.9	40
142	Response to Late-Window Endovascular Revascularization Is Associated With Collateral Status in Basilar Artery Occlusion. Stroke, 2019, 50, 1415-1422.	2.0	40
143	A crucial role for the cortico-striato-cortical loop in the pathogenesis of stroke-related neurogenic stuttering. Human Brain Mapping, 2013, 34, 2103-2112.	3.6	39
144	Cost-Effectiveness of Rivaroxaban Versus Warfarin for Stroke Prevention in Atrial Fibrillation in the Belgian Healthcare Setting. Pharmacoeconomics, 2013, 31, 909-918.	3.3	39

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145	Pulmonary arteriovenous malformations associated with migraine with aura. European Respiratory Journal, 2009, 34, 882-887.	6.7	38
146	Frequency of C9orf72 repeat expansions in amyotrophic lateral sclerosis: a Belgian cohort study. Neurobiology of Aging, 2013, 34, 2890.e7-2890.e12.	3.1	38
147	Newâ€Onset Atrial Fibrillation After Coronary Artery Bypass Graft and Longâ€Term Risk of Stroke: A Metaâ€Analysis. Journal of the American Heart Association, 2017, 6, .	3.7	38
148	Persistently Elevated Microvascular Resistance Postrecanalization. Stroke, 2018, 49, 2512-2515.	2.0	37
149	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. Lancet Neurology, The, 2021, 20, 294-303.	10.2	37
150	Validity of Acute Stroke Lesion Volume Estimation by Diffusion-Weighted Imaging–Alberta Stroke Program Early Computed Tomographic Score Depends on Lesion Location in 496 Patients With Middle Cerebral Artery Stroke. Stroke, 2014, 45, 3583-3588.	2.0	36
151	A one year prospective study of neurogenic stuttering following stroke: Incidence and co-occurring disorders. Journal of Communication Disorders, 2011, 44, 678-687.	1.5	35
152	Design and rationale for examining neuroimaging genetics in ischemic stroke. Neurology: Genetics, 2017, 3, e180.	1.9	35
153	White matter hyperintensity burden in acute stroke patients differs by ischemic stroke subtype. Neurology, 2020, 95, e79-e88.	1.1	34
154	Atrial Fibrillation Following Patent Foramen Ovale Closure. Stroke, 2021, 52, 1653-1661.	2.0	34
155	latrogenic perforation of the internal carotid artery by a transarticular screw: An unusual case of repetitive ischemic stroke. Clinical Neurology and Neurosurgery, 2007, 109, 466-469.	1.4	33
156	Brain Magnetic Resonance Imaging Findings Fail to Suspect Fabry Disease in Young Patients With an Acute Cerebrovascular Event. Stroke, 2015, 46, 1548-1553.	2.0	33
157	Cervical artery dissection in patients ≥60 years. Neurology, 2017, 88, 1313-1320.	1.1	33
158	Imaging Markers of Brain Frailty and Outcome in Patients With Acute Ischemic Stroke. Stroke, 2021, 52, 1004-1011.	2.0	33
159	Patent Foramen Ovale With Atrial Septal Aneurysm Is Strongly Associated With Migraine With Aura: A Large Observational Study. Journal of the American Heart Association, 2016, 5, .	3.7	32
160	Contact Aspiration versus Stent-Retriever Thrombectomy for Distal Middle Cerebral Artery Occlusions in Acute Ischemic Stroke: Meta-Analysis. Neurointervention, 2018, 13, 100-109.	0.8	32
161	Phenotypical characterization of α-galactosidase A gene mutations identified in a large Fabry disease screening program in stroke in the young. Clinical Neurology and Neurosurgery, 2013, 115, 1088-1093.	1.4	31
162	Predictors of Delayed Stroke in Patients with Cervical Artery Dissection. International Journal of Stroke, 2015, 10, 360-363.	5.9	31

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163	Determinants and outcome of multiple and early recurrent cervical artery dissections. Neurology, 2018, 91, e769-e780.	1.1	31
164	Randomized, Placebo-Controlled, Dose-Ranging Clinical Trial of Intravenous Microplasmin in Patients With Acute Ischemic Stroke. Stroke, 2009, 40, 3789-3795.	2.0	30
165	Cost-effectiveness of dabigatran etexilate in the prevention of stroke and systemic embolism in patients with atrial fibrillation in Belgium. Journal of Medical Economics, 2013, 16, 407-414.	2.1	30
166	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. Neurology, 2019, 92, .	1.1	30
167	Direct endovascular thrombectomy and bridging strategies for acute ischemic stroke: a network meta-analysis. Journal of NeuroInterventional Surgery, 2019, 11, 443-449.	3.3	30
168	Variants of the basal vein of Rosenthal and perimesencephalic nonaneurysmal hemorrhage. World Neurosurgery, 2008, 69, 526-529.	1.3	29
169	Elevated peripheral leukocyte counts in acute cervical artery dissection. European Journal of Neurology, 2013, 20, 1405-1410.	3.3	29
170	Discrete event simulation case study: Diagnostic path for stroke patients in a stroke unit. Simulation Modelling Practice and Theory, 2014, 48, 45-57.	3.8	29
171	Review of deep learning algorithms for the automatic detection of intracranial hemorrhages on computed tomography head imaging. Journal of NeuroInterventional Surgery, 2021, 13, 369-378.	3.3	29
172	Atrial Fibrillation Detection. Stroke, 2017, 48, 2671-2677.	2.0	28
173	Dolichoectasia and Small Vessel Disease in Young Patients With Transient Ischemic Attack and Stroke. Stroke, 2017, 48, 2361-2367.	2.0	28
174	Detailed phenotyping of posterior vs. anterior circulation ischemic stroke: a multi-center MRI study. Journal of Neurology, 2020, 267, 649-658.	3.6	28
175	Genetic Imbalance in Patients with Cervical Artery Dissection. Current Genomics, 2017, 18, 206-213.	1.6	28
176	Global Differences in Risk Factors, Etiology, and Outcome of Ischemic Stroke in Young Adults—A Worldwide Meta-analysis. Neurology, 2022, 98, .	1.1	28
177	Demographic characteristics and prognosis in a Flemish amyotrophic lateral sclerosis population. Acta Neurologica Belgica, 2000, 100, 84-90.	1.1	27
178	Clinical and Radiological Correlates of Reduced Cerebral Blood Flow Measured Using Magnetic Resonance Imaging. Archives of Neurology, 2002, 59, 233.	4.5	26
179	Risk of thromboembolism after cerebral venous thrombosis. European Journal of Neurology, 2006, 13, 302-305.	3.3	26
180	Frontoparietal involvement in passively guided shape and length discrimination: a comparison between subcortical stroke patients and healthy controls. Experimental Brain Research, 2012, 220, 179-189.	1.5	26

#	Article	IF	CITATIONS
181	Common NOTCH3 Variants and Cerebral Small-Vessel Disease. Stroke, 2015, 46, 1482-1487.	2.0	26
182	Age-dependent differences in cervical artery dissection. Journal of Neurology, 2012, 259, 2202-2210.	3.6	25
183	Outcomes of endovascular thrombectomy with and without bridging thrombolysis for acute large vessel occlusion ischaemic stroke. Internal Medicine Journal, 2019, 49, 345-351.	0.8	24
184	Carotid artery stenting: Current state of evidence and future directions. Acta Neurologica Scandinavica, 2019, 139, 318-333.	2.1	24
185	Clinical Characteristics and Outcome of Patients With Hemorrhagic Transformation After Intravenous Thrombolysis in the WAKE-UP Trial. Frontiers in Neurology, 2020, 11, 957.	2.4	24
186	Different Mismatch Concepts for Magnetic Resonance Imaging–Guided Thrombolysis in Unknown Onset Stroke. Annals of Neurology, 2020, 87, 931-938.	5.3	24
187	Stroke and Systemic Embolism Prevention in Patients with Atrial Fibrillation in Belgium: Comparative Cost Effectiveness of New Oral Anticoagulants and Warfarin. Clinical Drug Investigation, 2015, 35, 109-119.	2.2	23
188	Towards the genetic basis of cerebral venous thrombosisâ€"the BEAST Consortium: a study protocol: TableÂ1. BMJ Open, 2016, 6, e012351.	1.9	23
189	Body temperature and outcome after stroke thrombolysis. Acta Neurologica Scandinavica, 2006, 114, 23-28.	2.1	22
190	Recommendations From the International Stroke Genetics Consortium, Part 1. Stroke, 2015, 46, 279-284.	2.0	22
191	Genetic Associations With White Matter Hyperintensities Confer Risk of Lacunar Stroke. Stroke, 2016, 47, 1174-1179.	2.0	22
192	The personal and social experiences of community-dwelling younger adults after stroke in Australia: a qualitative interview study. BMJ Open, 2018, 8, e023525.	1.9	22
193	Diagnostic accuracy of noncontrast CT imaging markers in cerebral venous thrombosis. Neurology, 2019, 92, e841-e851.	1.1	22
194	Pilot randomised clinical trial of an eHealth, self-management support intervention (iVERVE) for stroke: feasibility assessment in survivorsÂ12–24 months post-event. Pilot and Feasibility Studies, 2020, 6, 172.	1.2	22
195	Features of intracranial hemorrhage in cerebral venous thrombosis. Journal of Neurology, 2020, 267, 3292-3298.	3.6	22
196	Timing and Dose of Upper Limb Motor Intervention After Stroke: A Systematic Review. Stroke, 2021, 52, 3706-3717.	2.0	22
197	Patent Foramen Ovale and Cryptogenic Strokes in the Stroke in Young Fabry Patients Study. Stroke, 2017, 48, 30-35.	2.0	21
198	GISCOME – Genetics of Ischaemic Stroke Functional Outcome network: A protocol for an international multicentre genetic association study. European Stroke Journal, 2017, 2, 229-237.	5.5	21

#	Article	IF	CITATIONS
199	A systematic review protocol of timing, efficacy and cost effectiveness of upper limb therapy for motor recovery post-stroke. Systematic Reviews, 2019, 8, 187.	5.3	21
200	Use of diffusion weighted MRI to predict the occurrence and severity of hemorrhagic transformation in a rabbit model of embolic stroke. Brain Research, 2002, 944, 32-39.	2.2	20
201	Cerebral distribution of white matter lesions in migraine with aura patients. Cephalalgia, 2010, 30, 855-859.	3.9	20
202	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. Stroke, 2016, 47, 2559-2564.	2.0	20
203	Is There Full or Proportional Somatosensory Recovery in the Upper Limb After Stroke? Investigating Behavioral Outcome and Neural Correlates. Neurorehabilitation and Neural Repair, 2018, 32, 691-700.	2.9	20
204	The combined impact of dependency on caregivers, disability, and coping strategy on quality of life after ischemic stroke. Health and Quality of Life Outcomes, 2019, 17, 31.	2.4	20
205	How can stroke care be improved for younger service users? A qualitative study on the unmet needs of younger adults in inpatient and outpatient stroke care in Australia. Disability and Rehabilitation, 2020, 42, 1697-1704.	1.8	20
206	Artery occlusion independently predicts unfavorable outcome in cervical artery dissection. Neurology, 2020, 94, e170-e180.	1.1	20
207	Closure of a patent foramen ovale is associated with a decrease in prevalence of migraine. Acta Cardiologica, 2008, 63, 571-577.	0.9	19
208	Is a predominant leftâ€toâ€right shunt associated with migraine?: A prospective atrial septal defect closure study. Catheterization and Cardiovascular Interventions, 2009, 74, 1078-1084.	1.7	19
209	Magnetic resonance imaging-based endovascular versus medical stroke treatment for symptom onset up to 12 h. International Journal of Stroke, 2016, 11, 127-133.	5.9	19
210	APOE $\hat{l}\mu4$ is associated with younger age at ischemic stroke onset but not with stroke outcome. Neurology, 2019, 93, 849-853.	1.1	19
211	Mismatch between observed and perceived upper limb function: an eye-catching phenomenon after stroke. Disability and Rehabilitation, 2019, 41, 1545-1551.	1.8	19
212	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. Neurology, 2022, 98, .	1.1	19
213	Extracranial Carotid Artery Stenting in Surgically High-Risk Patients Using the Carotid Wallstent Endoprosthesis: Midterm Clinical and Ultrasound Follow-Up Results. CardioVascular and Interventional Radiology, 2003, 26, 340-346.	2.0	18
214	Dabigatran-Associated Spontaneous Acute Cervical Epidural Hematoma. World Neurosurgery, 2015, 83, 257-258.	1.3	18
215	Functional network connectivity is altered in patients with upper limb somatosensory impairments in the acute phase post stroke: A cross-sectional study. PLoS ONE, 2018, 13, e0205693.	2.5	18
216	Treatment with exenatide in acute ischemic stroke trial protocol: A prospective, randomized, open label, blinded end-point study of exenatide vs. standard care in post stroke hyperglycemia. International Journal of Stroke, 2018, 13, 857-862.	5.9	18

#	Article	IF	CITATIONS
217	Genetically Determined Risk of Depression and Functional Outcome After Ischemic Stroke. Stroke, 2019, 50, 2219-2222.	2.0	18
218	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. Stroke, 2020, 51, 209-215.	2.0	18
219	Brain Volume: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Mayo Clinic Proceedings, 2020, 95, 955-965.	3.0	18
220	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
221	Angiotensin Receptor Blockade in Acute Stroke. the Scandinavian Candesartan Acute Stroke Trial: Rationale, Methods and Design of a Multicentre, Randomised- and Placebo-Controlled Clinical Trial (NCT00120003). International Journal of Stroke, 2010, 5, 423-427.	5.9	17
222	Language processing in bilingual aphasia: a new insight into the problem. Wiley Interdisciplinary Reviews: Cognitive Science, 2016, 7, 180-196.	2.8	17
223	Prognostic significance of pulsatile tinnitus in cervical artery dissection. European Journal of Neurology, 2016, 23, 1183-1187.	3.3	17
224	Effect of informed consent on patient characteristics in a stroke thrombolysis trial. Neurology, 2017, 89, 1400-1407.	1.1	17
225	Ticagrelor Added to Aspirin in Acute Ischemic Stroke or Transient Ischemic Attack in Prevention of Disabling Stroke. JAMA Neurology, 2021, 78, 177.	9.0	17
226	Utility of Severity-Based Prehospital Triage for Endovascular Thrombectomy. Stroke, 2021, 52, 70-79.	2.0	17
227	Endovascular Thrombectomy Versus Medical Management in Isolated ⟨scp⟩M2⟨ scp⟩ Occlusions: Pooled ⟨scp⟩Patientâ€Level⟨ scp⟩ Analysis from the ⟨scp⟩EXTENDâ€IA⟨ scp⟩ Trials, ⟨scp⟩INSPIRE⟨ scp⟩, and ⟨scp⟩SELECT⟨ scp⟩ Studies. Annals of Neurology, 2022, 91, 629-639.	5.3	17
228	TNFRSF1A coding variants in multiple sclerosis. Journal of Neuroimmunology, 2011, 235, 110-112.	2.3	16
229	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
230	Genetic Imbalance Is Associated With Functional Outcome After Ischemic Stroke. Stroke, 2019, 50, 298-304.	2.0	16
231	Platelet function/reactivity testing and prediction of risk of recurrent vascular events and outcomes after TIA or ischaemic stroke: systematic review and meta-analysis. Journal of Neurology, 2020, 267, 3021-3037.	3.6	16
232	Association of early CT abnormalities, infarct size, and apparent diffusion coefficient reduction in acute ischemic stroke. American Journal of Neuroradiology, 2004, 25, 933-8.	2.4	16
233	Mobile Stroke Units Facilitate Prehospital Management of Intracerebral Hemorrhage. Stroke, 2021, 52, 3163-3166.	2.0	16
234	Coexistence of CADASIL and Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 790-792.	1.9	15

#	Article	IF	Citations
235	Prevention of stroke by percutaneous left atrial appendage closure: Short term follow-up. International Journal of Cardiology, 2010, 142, 195-196.	1.7	15
236	Clinical Scores for Predicting Recurrence After Transient Ischemic Attack or Stroke. Stroke, 2013, 44, 1198-1203.	2.0	15
237	Outcome after epilepsy surgery at the University Hospitals Leuven 1998–2012. Acta Neurologica Belgica, 2016, 116, 271-278.	1.1	15
238	Development of an electronic health message system to support recovery after stroke: Inspiring Virtual Enabled Resources following Vascular Events (iVERVE). Patient Preference and Adherence, 2018, Volume 12, 1213-1224.	1.8	15
239	Optimal Outcome Measures for Detecting Clinical Benefits of Early Reperfusion: Insights from the DEFUSE Study. Journal of Stroke and Cerebrovascular Diseases, 2008, 17, 235-240.	1.6	14
240	Increased prevalence of migraine in Marfan syndrome. International Journal of Cardiology, 2009, 136, 330-334.	1.7	14
241	Cost Effectiveness of Apixaban Versus Aspirin for Stroke Prevention in Patients with Non-Valvular Atrial Fibrillation in Belgium. Clinical Drug Investigation, 2014, 34, 709-721.	2.2	14
242	Electrocardiographic RR Interval Dynamic Analysis to Identify Acute Stroke Patients at High Risk for Atrial Fibrillation Episodes During Stroke Unit Admission. Translational Stroke Research, 2019, 10, 273-278.	4.2	14
243	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. Nature Communications, 2021, 12, 2590.	12.8	14
244	Artificial intelligence in clinical decision support and outcome prediction – applications in stroke. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 518-528.	1.8	14
245	Anemia in young patients with ischaemic stroke. European Journal of Neurology, 2015, 22, 948-953.	3.3	13
246	Cerebral haemodynamics with head position changes post-ischemic stroke: A systematic review and meta-analysis. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1917-1933.	4.3	13
247	Improving economic evaluations in stroke: A report from the ESO Health Economics Working Group. European Stroke Journal, 2020, 5, 184-192.	5. 5	13
248	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
249	Obstacles to the use of intravenous tissue plasminogen activator for acute ischemic stroke. Is time the only barrier?. Acta Neurologica Belgica, 2007, 107, 103-7.	1.1	13
250	Scattered Cerebral Microbleeds Due to Cardiac Myxoma. Archives of Neurology, 2009, 66, 796-7.	4.5	12
251	Frequency and predictors of acute ischaemic lesions on brain magnetic resonance imaging in young patients with a clinical diagnosis of transient ischaemic attack. European Journal of Neurology, 2016, 23, 1174-1182.	3.3	12
252	Mendelian Genes and Risk of Intracerebral Hemorrhage and Small-Vessel Ischemic Stroke in Sporadic Cases. Stroke, 2017, 48, 2263-2265.	2.0	12

#	Article	IF	CITATIONS
253	Determining the optimal dose of tenecteplase before endovascular therapy for ischemic stroke (EXTEND-IA TNK Part 2): A multicenter, randomized, controlled study. International Journal of Stroke, 2020, 15, 567-572.	5.9	12
254	Association of Reperfusion After Thrombolysis With Clinical Outcome Across the 4.5- to 9-Hours and Wake-up Stroke Time Window. JAMA Neurology, 2021, 78, 236.	9.0	12
255	MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. Frontiers in Neuroscience, 2021, 15, 691244.	2.8	12
256	Organisation of inhospital acute stroke care and minimum criteria for stroke care units. Recommendations of the Belgian Stroke Council. Acta Neurologica Belgica, 2009, 109, 247-51.	1.1	12
257	Association of Stroke Lesion Pattern and White Matter Hyperintensity Burden With Stroke Severity and Outcome. Neurology, 2022, 99, .	1.1	12
258	NEW-ONSET AND PERSISTENT MIGRAINE EARLY AFTER PERCUTANEOUS ATRIAL SEPTAL DEFECT CLOSURE DISAPPEAR AT FOLLOW-UP. Acta Clinica Belgica, 2008, 63, 262-268.	1.2	11
259	In vivo amyloid imaging in cortical superficial siderosis. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 469-471.	1.9	11
260	Outcomes of basilar artery occlusion in patients aged 75Âyears or older in the Basilar Artery International Cooperation Study. Journal of Neurology, 2012, 259, 2341-2346.	3.6	11
261	Postpartum RCVS and PRES with normal initial imaging findings. Acta Neurologica Belgica, 2012, 112, 189-192.	1.1	11
262	Family History in Young Patients With Stroke. Stroke, 2015, 46, 1975-1978.	2.0	11
263	Optimising the complete care pathway for cerebrovascular accident patients. Computers and Industrial Engineering, 2016, 93, 236-251.	6. 3	11
264	CODE STROKE ALERTâ€"Concept and Development of a Novel Open-Source Platform to Streamline Acute Stroke Management. Frontiers in Neurology, 2019, 10, 725.	2.4	11
265	Small obliquely oriented cortical cerebellar infarctions are associated with cardioembolic stroke. BMC Neurology, 2019, 19, 100.	1.8	11
266	Premotor dorsal white matter integrity for the prediction of upper limb motor impairment after stroke. Scientific Reports, 2019, 9, 19712.	3.3	11
267	The relationship between Home-time, quality of life and costs after ischemic stroke: the impact of the need for mobility aids, home and car modifications on Home-time. Disability and Rehabilitation, 2020, 42, 419-425.	1.8	11
268	Endovascular clot retrieval for M2 segment middle cerebral artery occlusion: a systematic review and metaâ€analysis. Internal Medicine Journal, 2020, 50, 530-541.	0.8	11
269	Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. Frontiers in Neurology, 2021, 12, 700616.	2.4	11
270	Efficacy and Safety of Ticagrelor and Aspirin in Patients With Moderate Ischemic Stroke. JAMA Neurology, 2021, 78, 1091.	9.0	11

#	Article	IF	CITATIONS
271	Spontaneous Cervical Artery Dissection in Adult Williams Syndrome. Cerebrovascular Diseases, 2009, 27, 309-310.	1.7	10
272	Postoperative Atrial Fibrillation Following Noncardiac Surgery Increases Risk of Stroke. American Journal of Medicine, 2020, 133, 311-322.e5.	1.5	10
273	Postoperative Atrial Fibrillation and Long-Term Risk of Stroke in Patients Undergoing Liver Transplantation. Stroke, 2021, 52, 111-120.	2.0	10
274	Single nucleotide variations in <i>ZBTB46</i> are associated with post-thrombolytic parenchymal haematoma. Brain, 2021, 144, 2416-2426.	7.6	10
275	Genomeâ€Wide Association Study Identifies First Locus Associated with Susceptibility to Cerebral Venous Thrombosis. Annals of Neurology, 2021, 90, 777-788.	5.3	10
276	How and When to Screen for Atrial Fibrillation after Stroke: Insights from Insertable Cardiac Monitoring Devices. Journal of Stroke, 2016, 18, 121-128.	3.2	10
277	Outcome of carotid artery stenting at 2 years follow-up: comparison of nitinol open cell versus stainless steel closed cell stent design. Journal of Cardiovascular Surgery, 2009, 50, 669-75.	0.6	10
278	Increased prevalence of migraine in adult congenital heart disease. Heart, 2007, 93, 361-362.	2.9	9
279	Relation Between Migraine and Size of Echocardiographic Intrapulmonary Right-to-Left Shunt. American Journal of Cardiology, 2011, 107, 1399-1404.	1.6	9
280	Noun and knowledge retrieval for biological and non-biological entities following right occipitotemporal lesions. Neuropsychologia, 2014, 62, 163-174.	1.6	9
281	Clinically Relevant Depressive Symptoms in Young Stroke Patients - Results of the sifap1 Study. Neuroepidemiology, 2015, 44, 30-38.	2.3	9
282	Mechanical endovascular thrombectomy for acute ischemic stroke: a retrospective multicenter study in Belgium. Acta Neurologica Belgica, 2016, 116, 7-14.	1.1	9
283	The 100 most cited articles in the endovascular management of intracranial aneurysms. Journal of NeuroInterventional Surgery, 2018, 10, 859-868.	3.3	9
284	Hospital financing of ischaemic stroke: determinants of funding and usefulness of DRG subcategories based on severity of illness. BMC Health Services Research, 2018, 18, 356.	2.2	9
285	The 100 most cited articles in the endovascular management of acute ischemic stroke. Journal of NeuroInterventional Surgery, 2019, 11, 785-789.	3.3	9
286	Association between pre-treatment perfusion profile and cerebral edema after reperfusion therapies in ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2887-2896.	4.3	9
287	A survey of functional dyspepsia in 361,360 individuals: Phenotypic and genetic crossâ€disease analyses. Neurogastroenterology and Motility, 2022, 34, e14236.	3.0	9
288	Cost of hospitalization for cerebrovascular disorders in Belgium. Acta Neurologica Belgica, 2011, 111, 104-10.	1.1	9

#	Article	IF	Citations
289	Methods of Implementation of Evidence-Based Stroke Care in Europe. Stroke, 2015, 46, 2252-2259.	2.0	8
290	Automated DWI analysis can identify patients within the thrombolysis time window of 4.5 hours. Neurology, 2018, 90, e1570-e1577.	1.1	8
291	Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. PLoS ONE, 2018, 13, e0206554.	2.5	8
292	The Adult Assisting Hand Assessment Stroke: Psychometric Properties of an Observation-Based Bimanual Upper Limb Performance Measurement. Archives of Physical Medicine and Rehabilitation, 2018, 99, 2513-2522.	0.9	8
293	Carotid Artery Stenting in Acute Stroke Using a Microporous Stent Device: A Single-Center Experience. World Neurosurgery, 2019, 127, e1003-e1012.	1.3	8
294	Safety and Efficacy of Tenecteplase in Older Patients With Large Vessel Occlusion: A Pooled Analysis of the EXTEND-IA TNK Trials. Neurology, 2022, , 10.1212/WNL.000000000013302.	1.1	8
295	Sex-specific lesion pattern of functional outcomes after stroke. Brain Communications, 2022, 4, fcac020.	3.3	8
296	Stroke in firstâ€degree relatives of patients with cervical artery dissection. European Journal of Neurology, 2014, 21, 1102-1107.	3.3	7
297	Prodromal Transient Ischemic Attack or Minor Stroke and Outcome in Basilar Artery Occlusion. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 2117-2121.	1.6	7
298	Challenges and misconceptions in the aetiology and management of atrial fibrillation-related strokes. European Journal of Internal Medicine, 2015, 26, 461-467.	2.2	7
299	Wallerian Degeneration of the Superior Cerebellar Peduncle. JAMA Neurology, 2015, 72, 1206.	9.0	7
300	Frequency of MELAS main mutation in a phenotype-targeted young ischemic stroke patient population. Journal of Neurology, 2016, 263, 257-262.	3.6	7
301	University education and cervical artery dissection. Journal of Neurology, 2018, 265, 1065-1070.	3.6	7
302	Optimizing Resources for Endovascular Clot Retrieval for Acute Ischemic Stroke, a Discrete Event Simulation. Frontiers in Neurology, 2019, 10, 653.	2.4	7
303	Global Outcome Assessment Life-long after stroke in young adults initiativeâ€"the GOAL initiative: study protocol and rationale of a multicentre retrospective individual patient data meta-analysis. BMJ Open, 2019, 9, e031144.	1.9	7
304	Safety and efficacy of intravenous thrombolysis in stroke patients on prior antiplatelet therapy in the WAKE-UP trial. Neurological Research and Practice, 2020, 2, 40.	2.0	7
305	The outcome of acute functional neurological disorder: a meta-analysis of stroke-mimic presentations. Journal of Neurology, 2020, 267, 1353-1357.	3.6	7
306	Antiplatelet Drugs for Neurointerventions: PartÂ2 Clinical Applications. Clinical Neuroradiology, 2021, 31, 545-558.	1.9	7

#	Article	IF	CITATIONS
307	Protocol of a randomized controlled trial investigating the effectiveness of Recovery-focused Community support to Avoid readmissions and improve Participation after Stroke (ReCAPS). International Journal of Stroke, 2022, 17, 236-241.	5.9	7
308	Simultaneous Segmentation and Anatomical Labeling of the Cerebral Vasculature. Lecture Notes in Computer Science, 2014, 17, 307-314.	1.3	7
309	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. Brain Communications, 2021, 3, fcab254.	3.3	7
310	Postoperative atrial fibrillation: Target for stroke prevention?. European Stroke Journal, 2017, 2, 222-228.	5.5	6
311	Extent of FLAIR Hyperintense Vessels May Modify Treatment Effect of Thrombolysis: A Post hoc Analysis of the WAKE-UP Trial. Frontiers in Neurology, 2020, 11, 623881.	2.4	6
312	Study protocol for a phase II randomised, double-blind, placebo-controlled trial of perampanel as an antiepileptogenic treatment following acute stroke. BMJ Open, 2021, 11, e043488.	1.9	6
313	Influence of stroke infarct location on quality of life assessed in a multivariate lesion-symptom mapping study. Scientific Reports, 2021, 11, 13490.	3.3	6
314	Costâ€effectiveness of insertable cardiac monitors for diagnosis of atrial fibrillation in cryptogenic stroke in Australia. Journal of Arrhythmia, 2021, 37, 1077-1085.	1.2	6
315	RP11-362K2.2:RP11-767I20.1 Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 3137.	2.4	6
316	Factors associated with paid employment 12 months after stroke in A Very Early Rehabilitation Trial (AVERT). Annals of Physical and Rehabilitation Medicine, 2022, 65, 101565.	2.3	6
317	What do we (not) know about the management of blood pressure in acute stroke?. Current Neurology and Neuroscience Reports, 2004, 4, 505-509.	4.2	5
318	Is There a Decline in the Vascular Event Rate after Transient Ischemic Attack or Stroke in Antiplatelet Trials?. Cerebrovascular Diseases, 2009, 28, 439-447.	1.7	5
319	Genetics of Atrial Fibrillation and Possible Implications for Ischemic Stroke. Stroke Research and Treatment, 2011, 2011, 1-7.	0.8	5
320	Anatomical Labeling of the Circle of Willis Using Maximum A Posteriori Graph Matching. Lecture Notes in Computer Science, 2013, 16, 566-573.	1.3	5
321	Infarct Volume-Based Subgroup Selection in Acute Ischemic Stroke Trials. Stroke, 2015, 46, 1368-1370.	2.0	5
322	Clinical characteristics of unknown symptom onset stroke patients with and without diffusion-weighted imaging and fluid-attenuated inversion recovery mismatch. International Journal of Stroke, 2018, 13, 66-73.	5.9	5
323	The Post Ischaemic Stroke Cardiovascular Exercise Study: Protocol for a randomised controlled trial of fitness training for brain health. European Stroke Journal, 2018, 3, 379-386.	5 . 5	5
324	Screening for Fabry Disease in Young Strokes in the Australian Stroke Clinical Registry (AuSCR). Frontiers in Neurology, 2020, 11, 596420.	2.4	5

#	Article	IF	CITATIONS
325	Antiplatelet Drugs for Neurointerventions: PartÂ1 Clinical Pharmacology. Clinical Neuroradiology, 2020, 30, 425-433.	1.9	5
326	Geographic Service Delivery for Endovascular Clot Retrieval: Using Discrete Event Simulation to Optimize Resources. World Neurosurgery, 2020, 141, e400-e413.	1.3	5
327	Diffusion-Weighted Imaging, MR Angiography, and Baseline Data in a Systematic Multicenter Analysis of 3,301 MRI Scans of Ischemic Stroke Patients—Neuroradiological Review Within the MRI-GENIE Study. Frontiers in Neurology, 2020, 11, 577.	2.4	5
328	Game-theoretical mapping of fundamental brain functions based on lesion deficits in acute stroke. Brain Communications, 2021, 3, fcab204.	3.3	5
329	Burden of oral anticoagulation in embolic stroke of undetermined source without atrial fibrillation. BMC Cardiovascular Disorders, 2021, 21, 160.	1.7	5
330	Effect of intravenous alteplase on postâ€stroke depression in the WAKE UP trial. European Journal of Neurology, 2021, 28, 2017-2025.	3.3	5
331	Estimating nocturnal stroke onset times by magnetic resonance imaging in the WAKE-UP trial. International Journal of Stroke, 2022, 17, 323-330.	5.9	5
332	Reduced Severity of Tissue Injury Within the Infarct May Partially Mediate the Benefit of Reperfusion in Ischemic Stroke. Stroke, 2022, 53, 1915-1923.	2.0	5
333	Tenecteplase versus Alteplase for Stroke Thrombolysis Evaluation Trial in the Ambulance (Mobile) Tj ETQq1 1 0.7 superiority trial of tenecteplase versus alteplase for ischaemic stroke patients presenting within 4.5 hours of symptom onset to the mobile stroke unit. BMI Open. 2022. 12. e056573.	84314 rgB 1.9	T /Overloc 5
334	More bad news about atrial fibrillation. European Heart Journal, 2004, 25, 1670-1671.	2.2	4
335	Measuring Autonomy and Functional Recovery after Stroke. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 2429-2433.	1.6	4
336	Multimodal magnetic resonance imaging to identify stroke onset within 6 h in patients with large vessel occlusions. European Stroke Journal, 2018, 3, 185-192.	5.5	4
337	Using routine HbA1c measurements in stroke and the associations of dysglycaemia with stroke outcomes. Journal of Diabetes and Its Complications, 2018, 32, 1056-1061.	2.3	4
338	Polypharmacy, functional outcome and treatment effect of intravenous alteplase for acute ischaemic stroke. European Journal of Neurology, 2021, 28, 532-539.	3.3	4
339	Diffusion-Weighted Imaging and Fluid-Attenuated Inversion Recovery Quantification to Predict Diffusion-Weighted Imaging-Fluid-Attenuated Inversion Recovery Mismatch Status in Ischemic Stroke With Unknown Onset. Stroke, 2022, 53, 1665-1673.	2.0	4
340	The Belgian experience with intravenous thrombolysis for acute ischemic stroke. Acta Neurologica Belgica, 2010, 110, 157-62.	1.1	4
341	Intermediate Short-Term Outcomes after Brain Computed Tomography and Magnetic Resonance Imaging in Neurology Outpatients. Medical Decision Making, 2001, 21, 444-450.	2.4	3
342	Lack of association between variants in the VKORC1 gene and cerebrovascular or coronary heart disease. Journal of Thrombosis and Haemostasis, 2008, 6, 2220-2223.	3.8	3

#	Article	IF	CITATIONS
343	Does surgery have a role in the management of asymptomatic carotid artery stenosis? Yes, but Nature Clinical Practice Neurology, 2008, 4, 2-3.	2.5	3
344	Post-hoc Analysis of Outcome of Intravenous Thrombolysis in Infarcts of Infratentorial Localization in the WAKE-UP Trial. Frontiers in Neurology, 2019, 10, 983.	2.4	3
345	Clinical Characteristics and Outcome of Patients with Lacunar Infarcts and Concurrent Embolic Ischemic Lesions. Clinical Neuroradiology, 2020, 30, 511-516.	1.9	3
346	Value of treatment by comprehensive stroke services for the reduction of critical gaps in acute stroke care in Europe. European Journal of Neurology, 2021, 28, 717-725.	3.3	3
347	Hyperintense acute reperfusion marker associated with hemorrhagic transformation in the WAKE-UP trial. European Stroke Journal, 2021, 6, 128-133.	5.5	3
348	Reversible Edema in the Penumbra Correlates With Severity of Hypoperfusion. Stroke, 2021, 52, 2338-2346.	2.0	3
349	Serious Adverse Events and Their Impact on Functional Outcome in Acute Ischemic Stroke in the WAKE-UP Trial. Stroke, 2021, 52, 3768-3776.	2.0	3
350	Thrombectomy is a cost-saving procedure up to 24Âh after onset. Acta Neurologica Belgica, 2022, 122, 163-171.	1.1	3
351	Migraine and coarctation of the aorta: prevalence and risk factors. Acta Cardiologica, 2008, 63, 431-435.	0.9	3
352	Early Brain Volume Changes After Stroke: Subgroup Analysis From the AXIS-2 Trial. Frontiers in Neurology, 2021, 12, 747343.	2.4	3
353	Association of White Blood Cell Count With Clinical Outcome Independent of Treatment With Alteplase in Acute Ischemic Stroke. Frontiers in Neurology, $0,13,.$	2.4	3
354	Relationship between severity of MR perfusion deficit and DWI lesion evolution. Neurology, 2002, 58, 1707-1707.	1.1	2
355	A matter of taste. Journal of Neurology, Neurosurgery and Psychiatry, 2009, 80, 139-140.	1.9	2
356	Imaging techniques for acute ischemic stroke: nice gadgets or essential tools for effective treatment?. Neuroradiology, 2010, 52, 169-171.	2.2	2
357	Response to Letter Regarding Belgian Fabry Study: Prevalence of Fabry Disease in a Cohort of 1000 Young Patients With Cerebrovascular Disease. Stroke, 2011, 42, .	2.0	2
358	Belgian global implementation of cardiovascular and stroke risk assessment study: methods and baseline data of the BELGICA-STROKE STUDY. European Journal of Cardiovascular Prevention and Rehabilitation, 2011, 18, 635-641.	2.8	2
359	Management of patent foramen ovale in cryptogenic stroke. Acta Cardiologica, 2012, 67, 3-9.	0.9	2
360	Quality of Life Decrements after Stroke. Value in Health, 2014, 17, A331.	0.3	2

#	Article	IF	Citations
361	Case report: Superficial siderosis after brachial plexus avulsion. Clinical Neurology and Neurosurgery, 2016, 143, 104-106.	1.4	2
362	012â€Cost-effectiveness of long-term continuous monitoring with an insertable cardiac monitor to detect atrial fibrillation in patients with cryptogenic stroke: an australian payer perspective. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A6.2-A6.	1.9	2
363	Weekend hospital discharge is associated with suboptimal care and outcomes: An observational Australian Stroke Clinical Registry study. International Journal of Stroke, 2019, 14, 430-438.	5.9	2
364	Symptoms and probabilistic anatomical mapping of lacunar infarcts. Neurological Research and Practice, 2020, 2, 21.	2.0	2
365	Prior Stroke in PFO Patients Is Associated With Both PFO-Related and -Unrelated Factors. Frontiers in Neurology, 2020, 11, 503.	2.4	2
366	Presence of Atrial Fibrillation in Stroke Patients With Patent Foramen Ovale: Systematic Review and Meta-Analysis. Frontiers in Neurology, 2021, 12, 613758.	2.4	2
367	Application of a computational model in simulating an endovascular clot retrieval service system within regional Australia. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 850-857.	1.8	2
368	24-hour blood pressure variability and treatment effect of intravenous alteplase in acute ischaemic stroke. European Stroke Journal, 2021, 6, 168-175.	5.5	2
369	Cost-Effectiveness of Magnetic Resonance Imaging-Guided Thrombolysis for Patients With Stroke With Unknown Time of Onset. Value in Health, 2021, 24, 1620-1627.	0.3	2
370	HYPERTENSIVE PATIENTS WITH ATRIAL FIBRILLATION HAVE A HIGH PREVALENCE OF RENAL DISEASE: RESULTS OF THE BELGICA-STROKE STUDY: PP.16.95. Journal of Hypertension, 2010, 28, e278.	0.5	1
371	Investigating The Relationship Between "Severity Of Illness―And The "Modified Rankin Scale―In Ischemic Stroke Patients With Response Mapping. Value in Health, 2015, 18, A405.	0.3	1
372	Perfusion Paths: Inference of Voxelwise Blood Flow Trajectories in CT Perfusion. Lecture Notes in Computer Science, 2015, , 407-414.	1.3	1
373	Implantable cardiac monitors compared with conventional methods for the detection of atrial high-rate episodes in individuals with embolic stroke of undetermined source. The Cochrane Library, 0, , .	2.8	1
374	Endovascular Treatment of Intracranial Aneurysms: What Does Bibliographic Analysis Tell Us About Treatment Paradigms and Predictions for the Future?. World Neurosurgery, 2019, 121, 259-260.	1.3	1
375	White Matter Disease Progression and Incident Stroke. Stroke, 2020, 51, 3197-3199.	2.0	1
376	High frequency of anticoagulation management errors preceding ischaemic strokes in atrial fibrillation. Internal Medicine Journal, 2022, 52, 1024-1028.	0.8	1
377	The 100 most cited articles in the endovascular treatment of brain arteriovenous malformations. Brain Circulation, 2021, 7, 49.	1.8	1
378	Occlusive Disease and Upright Activity in Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105604.	1.6	1

#	Article	IF	CITATIONS
379	Editorial: Patent Foramen Ovale (PFO) Closure for Prevention of Stroke. Frontiers in Neurology, 2021, 12, 718457.	2.4	1
380	Prevalence of diabetes and its effects on strokeÂoutcomes: A meta-analysis and literature review. , 2019, 10, 780.		1
381	Denial of Cerebrovascular Events in a National Clinical Quality Registry for Stroke: A Retrospective Cohort Study. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106210.	1.6	1
382	Ambulatory activity in stroke survivors associated with functional outcome and quality of life: An observational cohort study. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101540.	2.3	1
383	Stroke population–specific neuroanatomical CT-MRI brain atlas. Neuroradiology, 2022, , 1.	2.2	1
384	Does medical specialty influence the treatment of asymptomatic carotid stenosis? a Belgian multidisciplinary survey. Journal of Cardiovascular Surgery, 2011, 52, 153-7.	0.6	1
385	Migraine-associated common genetic variants confer greater risk of posterior vs. anterior circulation ischemic strokea~†. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106546.	1.6	1
386	New remote cerebral microbleeds in acute ischemic stroke: an analysis of the randomized, placebo-controlled WAKE-UP trial. Journal of Neurology, 2022, 269, 5660-5667.	3.6	1
387	Self-evaluation of personal needs by community-living young stroke survivors using an online English language questionnaire. Disability and Rehabilitation, 2023, 45, 1830-1835.	1.8	1
388	New MR techniques to select patients for thrombolysis in acute stroke. , 2003, , 207-222.		0
389	Is the finding of the PROFESS study consistent with predictions of network meta-analysis?: reply. European Heart Journal, 2008, 29, 2581-2581.	2.2	0
390	Percutaneous closure of the left atrial appendage in atrial fibrillation: an alternative if standard treatment fails? Interventional Cardiology, 2009, 1, 119-131.	0.0	0
391	POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME : A RARE NEUROLOGICAL MANIFESTATION IN VON HIPPEL-LINDAU DISEASE. Acta Clinica Belgica, 2010, 65, 279-280.	1.2	O
392	P49 A 33-year-old woman with nevoid basal cell carcinoma syndrome presenting with multiple nodular, nodulocystic, ulcerating and superficial basal cell carcinomas predominantly localized in the head and neck region. Case report and review of therapeutic options. Melanoma Research, 2010, 20, e64-e65.	1,2	0
393	Place Of Residence And Employment Status After Stroke. Value in Health, 2014, 17, A495.	0.3	O
394	Analysis Of In-Hospital Resource Use After An Ischemic Stroke. Value in Health, 2015, 18, A388.	0.3	0
395	Analysis Of Primary And Secondary Apr-Drg Codes Of An Ischemic Stroke Admission. Value in Health, 2015, 18, A400.	0.3	0
396	Motor and functional outcome 5 years after stroke equals performance at 2 months: results from the cerise follow-up study. Physiotherapy, 2015, 101, e1000.	0.4	0

#	Article	IF	Citations
397	Stroke after discontinuation of preventive medications. , 0, , 144-154.		O
398	An interventional dilemma in anomalous middle cerebral artery stroke. Journal of Clinical Neuroscience, 2020, 81, 178-179.	1.5	0
399	Letter to the Editor: Seeking clarification regarding caseload constraints in modelling of thrombectomy service delivery. European Stroke Journal, 2020, 5, 449-450.	5.5	O
400	An interventional dilemma in anomalous middle cerebral artery stroke. Journal of Clinical Neuroscience, 2020, 81, 149-150.	1.5	0
401	Chicken or the egg?: Answer. Journal of Clinical Neuroscience, 2020, 77, 242-245.	1.5	0
402	Chicken or the egg?: question. Journal of Clinical Neuroscience, 2020, 77, 205-206.	1.5	0
403	Abstract P352: Reversible Relative FLAIR Signal Intensity Changes in the Penumbra Correlate With Severity of Hypoperfusion. Stroke, 2021, 52, .	2.0	0
404	Abstract P370: Early Brain Volume Change After Stroke: Subgroup Analysis From the Axis-2 Trial. Stroke, 2021, 52, .	2.0	0
405	Abstract P73: Imaging Markers of Brain Frailty and Outcome in Patients With Acute Ischemic Stroke. Stroke, 2021, 52, .	2.0	O
406	Feasibility trial of metformin XR in people with pre-diabetes and stroke (MIPPS)-randomised open blinded endpoint controlled trial. Journal of Clinical Neuroscience, 2021, 86, 103-109.	1.5	0
407	Development of a machine learning-based real-time location system to streamline acute endovascular intervention in acute stroke: a proof-of-concept study. Journal of NeuroInterventional Surgery, 2021, , neurintsurg-2021-017858.	3.3	O
408	Abstract WMP16: Relative Dwi Signal Intensity as a Predictor of Stroke Onset Time Compared to the Visual DWI/FLAIR Mismatch. Stroke, 2017, 48, .	2.0	0
409	Abstract WP205: Pipeline for Automated White Matter Hyperintensity Segmentation in Patients With Acute Ischemic Stroke: The MRI-GENIE Study. Stroke, 2017, 48, .	2.0	0
410	Abstract WMP56: Genetics of Acute Ischemic Lesion Volume: the MRI-Genetics Interface Exploration (MRI-GENIE) Study. Stroke, 2018, 49, .	2.0	0
411	Abstract TP423: Risk Factors for Intracranial Hemorrhage in Cerebral Venous Thrombosis. Stroke, 2019, 50, .	2.0	0
412	Abstract WP73: Automatic Classification of Clinical MRI Stroke Datasets With a Recurrent Convolutional Neural Network. Stroke, 2020, 51, .	2.0	0
413	Carotid angioplasty and stenting: caveat emptor!. Acta Neurologica Belgica, 2006, 106, 176-9.	1.1	0
414	L'âge cérébral radiomique prédit le pronostic fonctionnel aprÃ"s un avc ischémique Journal of Neuroradiology, 2022, 49, 110-111.	1.1	0

#	Article	IF	CITATIONS
415	Abstract 205: Preceding Valsalva Maneuver Significantly Associated With Pathogenic Patent Foramen Ovale (PFO) in Patients With Cryptogenic Stroke. Stroke, 2016, 47, .	2.0	O
416	Abstract 138: Dolichoectasia of the Basilar Artery is Associated With Cerebral Small Vessel Disease and Microbleeds in Young TIA and Ischemic Stroke Patients. Stroke, 2016, 47, .	2.0	0