

Michael D Hill

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

773
papers

50,813
citations

105
h-index

208
g-index

863
ext. papers

60,883
ext. citations

7
avg, IF

7.28
L-index

#	Paper	IF	Citations
773	Association of Stent-Retriever Characteristics in Establishing Successful Reperfusion During Mechanical Thrombectomy : Results from the ESCAPE-NA1 Trial.. <i>Clinical Neuroradiology</i> , 2022 , 1	2.7	0
772	Sex-Related Differences in Outcomes After Endovascular Treatment of Patients With Late-Window Stroke.. <i>Stroke</i> , 2022 , STROKEAHA121037127	6.7	3
771	Bedtime versus morning use of antihypertensives for cardiovascular risk reduction (BedMed): protocol for a prospective, randomised, open-label, blinded end-point pragmatic trial.. <i>BMJ Open</i> , 2022 , 12, e059711	3	2
770	Aerobic exercise training in older men and women-Cerebrovascular responses to submaximal exercise: Results from the Brain in Motion study.. <i>Physiological Reports</i> , 2022 , 10, e15158	2.6	5
769	Young Investigator Interview With CSCI Distinguished Scientist Awardee Dr. Michael Hill.. <i>Clinical and Investigative Medicine</i> , 2022 , 45, E9-11	0.9	
768	Outcome prediction in large vessel occlusion ischemic stroke with or without endovascular stroke treatment: THRIVE-EVT.. <i>International Journal of Stroke</i> , 2022 , 17474930221092262	6.3	
767	Changes in ischemic stroke presentations, management and outcomes during the first year of the COVID-19 pandemic in Alberta: a population study.. <i>Cmaj</i> , 2022 , 194, E444-E455	3.5	1
766	Advances in Stroke: Treatments-Acute.. <i>Stroke</i> , 2022 , STROKEAHA122036976	6.7	
765	Should Primary Stroke Centers Perform Advanced Imaging?. <i>Stroke</i> , 2022 , STROKEAHA121033528	6.7	0
764	Correlation Between Computed Tomography-Based Tissue Net Water Uptake and Volumetric Measures of Cerebral Edema After Reperfusion Therapy.. <i>Stroke</i> , 2022 , 101161STROKEAHA121037073	6.7	0
763	External validation of the Passive Surveillance Stroke Severity Indicator.. <i>Canadian Journal of Neurological Sciences</i> , 2022 , 1-19	1	
762	Sex Differences in Endovascular Treatment for Stroke: A Population-based Analysis. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, 479-486	1	1
761	Discrepancy between post-treatment infarct volume and 90-day outcome in the ESCAPE randomized controlled trial. <i>International Journal of Stroke</i> , 2021 , 16, 593-601	6.3	11
760	Sex Differences in Diagnosis and Diagnostic Revision of Suspected Minor Cerebral Ischemic Events. <i>Neurology</i> , 2021 , 96, e732-e739	6.5	3
759	Assessment of Discrepancies Between Follow-up Infarct Volume and 90-Day Outcomes Among Patients With Ischemic Stroke Who Received Endovascular Therapy. <i>JAMA Network Open</i> , 2021 , 4, e2132376	10.4	2
758	Sex Differences in Diagnosis and Diagnostic Revision of Suspected Minor Cerebral Ischemic Events. <i>Neurology</i> , 2021 , 96, e732-e739	6.5	1
757	Impact of minimal sufficient balance, minimization, and stratified permuted blocks on bias and power in the estimation of treatment effect in sequential clinical trials with a binary endpoint. <i>Statistical Methods in Medical Research</i> , 2021 , 9622802211055856	2.3	0

756	Radiographic Characteristics of Mild Ischemic Stroke Patients With Visible Intracranial Occlusion: The INTERRSeCT Study. <i>Stroke</i> , 2021 , STROKEAHA120030380	6.7	1
755	Thrombectomy for anterior circulation stroke beyond 6 h from time last known well (AURORA): a systematic review and individual patient data meta-analysis. <i>Lancet, The</i> , 2021 ,	4.0	15
754	Thrombectomy With and Without Computed Tomography Perfusion Imaging in the Early Time Window: A Pooled Analysis of Patient-Level Data. <i>Stroke</i> , 2021 , STROKEAHA121034331	6.7	0
753	Validity of ICD-10 Codes for Cerebral Venous Thrombosis Depends on Clinical Context. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-4	1	1
752	Implantable vs Prolonged External Electrocardiographic Monitoring for Atrial Fibrillation Detection in Patients With Ischemic Stroke-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1439-1440	27.4	
751	Identifying Thrombus on Non-Contrast CT in Patients with Acute Ischemic Stroke. <i>Diagnostics</i> , 2021 , 11,	3.8	2
750	Emergency Department Visits, Care, and Outcome After Stroke and Myocardial Infarction During the COVID-19 Pandemic Phases. <i>CJC Open</i> , 2021 , 3, 1230-1237	2	2
749	Economic evaluation of extended electrocardiogram monitoring for atrial fibrillation in patients with cryptogenic stroke. <i>International Journal of Stroke</i> , 2021 , 16, 809-817	6.3	2
748	Effect of age and baseline ASPECTS on outcomes in large-vessel occlusion stroke: results from the HERMES collaboration. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 790-793	7.8	5
747	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021 , 16, 573-584	6.3	36
746	Abstract P521: Effect of Endovascular Thrombectomy on Health-Related Quality of Life Among Patients With Acute Ischemic Stroke and Large Vessel Occlusion in the ESCAPE Trial. <i>Stroke</i> , 2021 , 52,	6.7	1
745	Protocol for LASER: A Randomized Evaluation and an Associated Registry of Early Anticoagulation With Edoxaban After Ischemic Stroke in Patients With Atrial Fibrillation. <i>Frontiers in Neurology</i> , 2021 , 12, 645822	4.1	2
744	Decline in subarachnoid haemorrhage volumes associated with the first wave of the COVID-19 pandemic. <i>Stroke and Vascular Neurology</i> , 2021 ,	9.1	12
743	In imaging-selected ischemic stroke with unknown onset, alteplase increases favorable outcomes and death at 90 d. <i>Annals of Internal Medicine</i> , 2021 , 174, JC42	8	1
742	Clinical impact of EVT with failed reperfusion in patients with acute ischemic stroke: results from the ESCAPE and ESCAPE-NA1 trials. <i>Neuroradiology</i> , 2021 , 63, 1883-1889	3.2	1
741	Will there be a rapid change towards an EVT-only paradigm?. <i>Interventional Neuroradiology</i> , 2021 , 27, 744-745	1.9	1
740	Assessing the efficacy and safety of hydroxychloroquine as outpatient treatment of COVID-19: a randomized controlled trial. <i>CMAJ Open</i> , 2021 , 9, E693-E702	2.5	7
739	Health-Related Quality of Life Among Patients With Acute Ischemic Stroke and Large Vessel Occlusion in the ESCAPE Trial. <i>Stroke</i> , 2021 , 52, 1636-1642	6.7	2

738	Which Acute Ischemic Stroke Patients Are Fast Progressors?: Results From the ESCAPE Trial Control Arm. <i>Stroke</i> , 2021 , 52, 1847-1850	6.7	3
737	Automated Prediction of Ischemic Brain Tissue Fate from Multiphase Computed Tomographic Angiography in Patients with Acute Ischemic Stroke Using Machine Learning. <i>Journal of Stroke</i> , 2021 , 23, 234-243	5.6	3
736	Iatrogenic Diffusion-Weighted Imaging Lesions: What Is Their Impact and How Can It Be Measured?. <i>Stroke</i> , 2021 , 52, 1929-1936	6.7	1
735	Intracerebral Hemorrhage Incidence, Mortality, and Association With Oral Anticoagulation Use: A Population Study. <i>Stroke</i> , 2021 , 52, 1673-1681	6.7	6
734	Prediction of Clinical Outcomes in Acute Ischaemic Stroke Patients: A Comparative Study. <i>Frontiers in Neurology</i> , 2021 , 12, 663899	4.1	0
733	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2021 , 78, 709-717	17.2	6
732	Influence of cardiovascular risk-factors on morphological changes of cerebral arteries in healthy adults across the life span. <i>Scientific Reports</i> , 2021 , 11, 12236	4.9	3
731	The Brain in Motion II Study: study protocol for a randomized controlled trial of an aerobic exercise intervention for older adults at increased risk of dementia. <i>Trials</i> , 2021 , 22, 394	2.8	0
730	Short- and Long-term Health Care Resource Utilization and Costs Following Intracerebral Hemorrhage. <i>Neurology</i> , 2021 , 97, e608-e618	6.5	0
729	Effect of Implantable vs Prolonged External Electrocardiographic Monitoring on Atrial Fibrillation Detection in Patients With Ischemic Stroke: The PER DIEM Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 2160-2168	27.4	28
728	Colchicine for prevention of vascular inflammation in Non-CardioEmbolic stroke (CONVINCE) - study protocol for a randomised controlled trial. <i>European Stroke Journal</i> , 2021 , 6, 222-228	5.6	12
727	2021 Update on Safety of Magnetic Resonance Imaging: Joint Statement From Canadian Cardiovascular Society/Canadian Society for Cardiovascular Magnetic Resonance/Canadian Heart Rhythm Society. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 835-847	3.8	1
726	Strength of Association between Infarct Volume and Clinical Outcome Depends on the Magnitude of Infarct Size: Results from the ESCAPE-NA1 Trial. <i>American Journal of Neuroradiology</i> , 2021 , 42, 1375-1379	4.4	2
725	Endovascular Therapy or Alteplase in Patients with Comorbidities: Insights from UNMASK EVT. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, 77-86	1	0
724	Efficacy of Melatonin for Sleep Disturbance in Children with Persistent Post-Concussion Symptoms: Secondary Analysis of a Randomized Controlled Trial. <i>Journal of Neurotrauma</i> , 2021 , 38, 950-959	5.4	8
723	Computed Tomography Perfusion-Based Machine Learning Model Better Predicts Follow-Up Infarction in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 223-231	6.7	4
722	Early Recanalization With Alteplase in Stroke Because of Large Vessel Occlusion in the ESCAPE Trial. <i>Stroke</i> , 2021 , 52, 304-307	6.7	11
721	Thrombus Migration and Fragmentation After Intravenous Alteplase Treatment: The INTERRSeCT Study. <i>Stroke</i> , 2021 , 52, 203-212	6.7	6

720	Robot enhanced stroke therapy optimizes rehabilitation (RESTORE): a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021 , 18, 10	5.3	8
719	Safety and efficacy of intra-arterial fibrinolytics as adjunct to mechanical thrombectomy: a systematic review and meta-analysis of observational data. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1073-1080	7.8	9
718	Clinical outcomes of isolated deep grey matter infarcts after endovascular treatment of large vessel occlusion stroke. <i>Neuroradiology</i> , 2021 , 63, 1463-1469	3.2	0
717	Average Lifespan Shortened due to Stroke in Canada: A Nationwide Descriptive Study From 1990 to 2015. <i>Stroke</i> , 2021 , 52, 573-581	6.7	2
716	Advances in Acute Stroke Treatment 2020. <i>Stroke</i> , 2021 , 52, 729-734	6.7	4
715	A Detailed Analysis of Infarct Patterns and Volumes at 24-hour Noncontrast CT and Diffusion-weighted MRI in Acute Ischemic Stroke Due to Large Vessel Occlusion: Results from the ESCAPE-NA1 Trial. <i>Radiology</i> , 2021 , 300, 152-159	20.5	3
714	Deferral of Consent: Recent Lessons From Canadian Acute Stroke Trials. <i>Stroke</i> , 2021 , 52, e326-e327	6.7	0
713	Endovascular Treatment Effect Diminishes With Increasing Thrombus Perviousness: Pooled Data From 7 Trials on Acute Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 3633-3641	6.7	3
712	Cerebral Edema in Patients With Large Hemispheric Infarct Undergoing Reperfusion Treatment: A HERMES Meta-Analysis. <i>Stroke</i> , 2021 , 52, 3450-3458	6.7	4
711	Acute Stroke Imaging Research Roadmap IV: Imaging Selection and Outcomes in Acute Stroke Clinical Trials and Practice. <i>Stroke</i> , 2021 , 52, 2723-2733	6.7	4
710	Radiologic Patterns of Intracranial Hemorrhage and Clinical Outcome after Endovascular Treatment in Acute Ischemic Stroke: Results from the ESCAPE-NA1 Trial. <i>Radiology</i> , 2021 , 300, 402-409	20.5	3
709	Return on Investment in Endovascular Care: The Case of Endovascular Reperfusion Alberta. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-7	1	0
708	OCEAN Trial Update. <i>American Heart Journal</i> , 2021 ,	4.9	
707	Assessment of Optimal Patient Selection for Endovascular Thrombectomy Beyond 6 Hours After Symptom Onset: A Pooled Analysis of the AURORA Database. <i>JAMA Neurology</i> , 2021 , 78, 1064-1071	17.2	8
706	Determinants of Leptomeningeal Collateral Status Variability in Ischemic Stroke Patients. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-7	1	0
705	Prediction of Outcome and Endovascular Treatment Benefit: Validation and Update of the MR PREDICTS Decision Tool. <i>Stroke</i> , 2021 , 52, 2764-2772	6.7	4
704	Is General Anesthesia for Endovascular Thrombectomy Helpful or Harmful?. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-15	1	1
703	Top Priorities for Cerebroprotective Studies-A Paradigm Shift: Report From STAIR XI. <i>Stroke</i> , 2021 , 52, 3063-3071	6.7	18

702	Reassessing Alberta Stroke Program Early CT Score on Non-Contrast CT Based on Degree and Extent of Ischemia. <i>Journal of Stroke</i> , 2021 , 23, 440-442	5.6	
701	Value of infarct location in the prediction of functional outcome in patients with an anterior large vessel occlusion: results from the HERMES study. <i>Neuroradiology</i> , 2021 , 1	3.2	2
700	Standardized Nomenclature for Modified Rankin Scale Global Disability Outcomes: Consensus Recommendations From Stroke Therapy Academic Industry Roundtable XI. <i>Stroke</i> , 2021 , 52, 3054-3062	6.7	11
699	Poststroke Selective Serotonin Reuptake Inhibitors-Do They Work for Anything?. <i>JAMA Neurology</i> , 2021 , 78, 1053-1054	17.2	
698	Impact of renal impairment on short-term outcomes following endovascular thrombectomy for acute ischemic stroke: A systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2021 , 17474930291047337	6.3	9
697	Content Analysis of Stroke Teleconsultation Recordings in the Moravian-Silesian Region, Czech Republic. <i>Frontiers in Neurology</i> , 2021 , 12, 664918	4.1	0
696	Impact of Multiphase Computed Tomography Angiography for Endovascular Treatment Decision-Making on Outcomes in Patients with Acute Ischemic Stroke. <i>Journal of Stroke</i> , 2021 , 23, 377-387	5.6	1
695	A Prospective Economic Evaluation of Rapid Endovascular Therapy for Acute Ischemic Stroke. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-8	1	1
694	Step Number and Aerobic Minute Exercise Prescription and Progression in Stroke: A Roadmap.. <i>Neurorehabilitation and Neural Repair</i> , 2021 , 15459683211062894	4.7	
693	Genetic Risk, Vascular Function, and Subjective Cognitive Complaints Predict Objective Cognitive Function in Healthy Older Adults: Results From the Brain in Motion Study. <i>Frontiers in Integrative Neuroscience</i> , 2020 , 14, 571683	3.2	1
692	Statistical properties of minimal sufficient balance and minimization as methods for controlling baseline covariate imbalance at the design stage of sequential clinical trials. <i>Statistics in Medicine</i> , 2020 , 39, 2506-2517	2.3	2
691	Hypertension Canada® 2020 Comprehensive Guidelines for the Prevention, Diagnosis, Risk Assessment, and Treatment of Hypertension in Adults and Children. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 596-624	3.8	139
690	Effect of atrial fibrillation on endovascular thrombectomy for acute ischemic stroke. A meta-analysis of individual patient data from six randomised trials: Results from the HERMES collaboration. <i>European Stroke Journal</i> , 2020 , 5, 245-251	5.6	8
689	Prevalence of Ipsilateral Nonstenotic Carotid Plaques on Computed Tomography Angiography in Embolic Stroke of Undetermined Source. <i>Stroke</i> , 2020 , 51, 1743-1749	6.7	22
688	In What Scenarios Does a Mobile Stroke Unit Predict Better Patient Outcomes?: A Modeling Study. <i>Stroke</i> , 2020 , 51, 1805-1812	6.7	5
687	Original and Modified Graeb Score Correlation With Intraventricular Hemorrhage and Clinical Outcome Prediction in Hyperacute Intracranial Hemorrhage. <i>Stroke</i> , 2020 , 51, 1696-1702	6.7	2
686	Health Utility Weighting of the Modified Rankin Scale: A Systematic Review and Meta-analysis. <i>JAMA Network Open</i> , 2020 , 3, e203767	10.4	9
685	Aerobic exercise improves cognition and cerebrovascular regulation in older adults. <i>Neurology</i> , 2020 , 94, e2245-e2257	6.5	29

684	Response by Yu et al to Letter Regarding Article, "Deriving a Passive Surveillance Stroke Severity Indicator From Routinely Collected Administrative Data: The PaSSV Indicator". <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006707	5.8	0
683	Recent acute ischemic stroke trials: reason for hope and excitement. <i>Neuroradiology</i> , 2020 , 62, 1059-1069	6.2	0
682	Calculation of Prognostic Scores, Using Delayed Imaging, Outperforms Baseline Assessments in Acute Intracerebral Hemorrhage. <i>Stroke</i> , 2020 , 51, 1107-1110	6.7	5
681	Embolic Stroke of Undetermined Source and Symptomatic Nonstenotic Carotid Disease. <i>Stroke</i> , 2020 , 51, 1321-1325	6.7	21
680	Comparative Effectiveness of Endovascular Treatment for Acute Ischemic Stroke: A Population-Based Analysis. <i>Journal of the American Heart Association</i> , 2020 , 9, e014541	6	8
679	Structural integrity of white matter tracts as a predictor of acute ischemic stroke outcome. <i>International Journal of Stroke</i> , 2020 , 15, 965-972	6.3	3
678	Recanalization following Endovascular treatment and imaging of PErfusion, Regional inFarcion and atrophy to Understand Stroke Evolution-NA1 (REPERFUSE-NA1). <i>International Journal of Stroke</i> , 2020 , 15, 343-349	6.3	1
677	Preventing Covert Brain Infarct-Related Cognitive Impairment and Dementia. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 456-463	1	3
676	Provincial Door-to-Needle Improvement Initiative Results in Improved Patient Outcomes Across an Entire Population. <i>Stroke</i> , 2020 , 51, 2339-2346	6.7	7
675	Dabigatran Treatment of Acute Noncardioembolic Ischemic Stroke. <i>Stroke</i> , 2020 , 51, 1190-1198	6.7	16
674	MeVO: the next frontier?. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 545-547	7.8	47
673	Endovascular treatment decision-making in acute ischemic stroke patients with large vessel occlusion and low National Institutes of Health Stroke Scale: insights from UNMASK EVT, an international multidisciplinary survey. <i>Neuroradiology</i> , 2020 , 62, 715-721	3.2	10
672	High-resolution T2-FLAIR and non-contrast CT brain atlas of the elderly. <i>Scientific Data</i> , 2020 , 7, 56	8.2	6
671	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. <i>Lancet, The</i> , 2020 , 395, 878-887	40	189
670	Discrepancies between current and ideal endovascular stroke treatment practice in Europe and North America: Results from UNMASK EVT, a multidisciplinary survey. <i>Interventional Neuroradiology</i> , 2020 , 26, 420-424	1.9	2
669	Impact of aerobic exercise, sex, and metabolic syndrome on markers of oxidative stress: results from the study. <i>Journal of Applied Physiology</i> , 2020 , 128, 748-756	3.7	6
668	How Do Physicians Approach Intravenous Alteplase Treatment in Patients with Acute Ischemic Stroke Who Are Eligible for Intravenous Alteplase and Endovascular Therapy? Insights from UNMASK-EVT. <i>American Journal of Neuroradiology</i> , 2020 , 41, 262-267	4.4	0
667	Public Health and Cost Benefits of Successful Reperfusion After Thrombectomy for Stroke. <i>Stroke</i> , 2020 , 51, 899-907	6.7	20

666	Machine Learning for Detecting Early Infarction in Acute Stroke with Non-Contrast-enhanced CT. <i>Radiology</i> , 2020 , 294, 638-644	20.5	41
665	Endovascular Treatment Decisions in Patients with M2 Segment MCA Occlusions. <i>American Journal of Neuroradiology</i> , 2020 , 41, 280-285	4.4	21
664	Redefining Hematoma Expansion With the Inclusion of Intraventricular Hemorrhage Growth. <i>Stroke</i> , 2020 , 51, 1120-1127	6.7	20
663	Workflow patterns and potential for optimization in endovascular stroke treatment across the world: results from a multinational survey. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1194-1198	7.8	5
662	Canadian Stroke Best Practice Guidance During the COVID-19 Pandemic. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 474-478	1	25
661	Mechanical Circulatory Support for the Management of Complex Peripartum Cardiomyopathy. <i>JACC: Case Reports</i> , 2020 , 2, 154-158	1.2	1
660	Imaging criteria across pivotal randomized controlled trials for late window thrombectomy patient selection. <i>Journal of NeuroInterventional Surgery</i> , 2020 ,	7.8	7
659	Patient-oriented research can be meaningful for clinicians and trialists as well as patients. <i>Cmaj</i> , 2020 , 192, E100	3.5	
658	Endovascular Treatment Decision Making in Octogenarians and Nonagenarians : Insights from UNMASK EVT an International Multidisciplinary Study. <i>Clinical Neuroradiology</i> , 2020 , 30, 45-50	2.7	1
657	Comparison of different methods of thrombus permeability measurement and impact on recanalization in the INTERRSeCT multinational multicenter prospective cohort study. <i>Neuroradiology</i> , 2020 , 62, 301-306	3.2	2
656	Imaging Triage of Patients with Late-Window (6-24 Hours) Acute Ischemic Stroke: A Comparative Study Using Multiphase CT Angiography versus CT Perfusion. <i>American Journal of Neuroradiology</i> , 2020 , 41, 129-133	4.4	11
655	Temporal evolution and spatial distribution of quantitative T2 MRI following acute ischemia reperfusion injury. <i>International Journal of Stroke</i> , 2020 , 15, 495-506	6.3	2
654	Validation of an automated ASPECTS method on non-contrast computed tomography scans of acute ischemic stroke patients. <i>International Journal of Stroke</i> , 2020 , 15, 528-534	6.3	1
653	Dynamic CTA-Derived Perfusion Maps Predict Final Infarct Volume: The Simple Perfusion Reconstruction Algorithm. <i>American Journal of Neuroradiology</i> , 2020 , 41, 2034-2040	4.4	7
652	Clinical Course of Acute Ischemic Stroke Due to Medium Vessel Occlusion With and Without Intravenous Alteplase Treatment. <i>Stroke</i> , 2020 , 51, 3232-3240	6.7	27
651	Thrombectomy vs medical management in low NIHSS acute anterior circulation stroke. <i>Neurology</i> , 2020 , 95, e3364-e3372	6.5	13
650	Temporal and spatial effect of air pollution on hospital admissions for myocardial infarction: a case-crossover study. <i>CMAJ Open</i> , 2020 , 8, E619-E626	2.5	1
649	Meta-analysis of interventions to reduce door to needle times in acute ischaemic stroke patients. <i>BMJ Open Quality</i> , 2020 , 9,	1.9	5

648	Recent Trends in Hospitalizations for Cardiovascular Disease, Stroke, and Vascular Cognitive Impairment in Canada. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 1081-1090	3.8	7
647	Assessment of Sex Differences in Recovery of Motor and Sensory Impairments Poststroke. <i>Neurorehabilitation and Neural Repair</i> , 2020 , 34, 746-757	4.7	2
646	In ischemic stroke with viable hypoperfused tissue, alteplase >4.5 h after last seen well improves function. <i>Annals of Internal Medicine</i> , 2020 , 172, JC50	8	0
645	Prevalence and Outcomes of Medium Vessel Occlusions With Discrepant Infarct Patterns. <i>Stroke</i> , 2020 , 51, 2817-2824	6.7	4
644	COVID-19 Pandemic: Global Impact and Potential Implications for Cardiovascular Disease in Canada. <i>CJC Open</i> , 2020 , 2, 265-272	2	7
643	Population Based Birth Prevalence of Disease-Specific Perinatal Stroke. <i>Pediatrics</i> , 2020 , 146,	7.4	26
642	Endovascular Treatment Decision Making in Patients with Low Baseline ASPECTS: Insights from UNMASK EVT, an International Multidisciplinary Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105411	2.8	0
641	Functional Outcome Prediction in Ischemic Stroke: A Comparison of Machine Learning Algorithms and Regression Models. <i>Frontiers in Neurology</i> , 2020 , 11, 889	4.1	8
640	Public health and cost consequences of time delays to thrombectomy for acute ischemic stroke. <i>Neurology</i> , 2020 , 95, e2465-e2475	6.5	19
639	The Impact of Covariates in Voxel-Wise Lesion-Symptom Mapping. <i>Frontiers in Neurology</i> , 2020 , 11, 854	4.1	4
638	Challenging the Ischemic Core Concept in Acute Ischemic Stroke Imaging. <i>Stroke</i> , 2020 , 51, 3147-3155	6.7	47
637	Defining reperfusion post endovascular therapy in ischemic stroke using MR-dynamic contrast enhanced perfusion. <i>British Journal of Radiology</i> , 2020 , 93, 20190890	3.4	
636	Higher Doses Improve Walking Recovery During Stroke Inpatient Rehabilitation. <i>Stroke</i> , 2020 , 51, 2639-2648	6.7	15
635	In acute ischemic stroke or TIA, adding ticagrelor to aspirin reduced stroke or death and increased severe bleeding. <i>Annals of Internal Medicine</i> , 2020 , 173, JC63	8	
634	Comprehensive assessment of disability post-stroke using the newly developed miFUNCTION scale. <i>International Journal of Stroke</i> , 2020 , 15, 167-174	6.3	2
633	Antiplatelet therapy for prevention of thromboembolic complications in coiling-only procedures for unruptured brain aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 298-302	7.8	3
632	National trends in hospital admission, case fatality, and sex differences in atrial fibrillation-related strokes. <i>International Journal of Stroke</i> , 2020 , 15, 521-527	6.3	
631	Endovascular treatment decision in acute stroke: does physician gender matter? Insights from UNMASK EVT, an international, multidisciplinary survey. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 256-259	7.8	2

630	Distribution and current problems of acute endovascular therapy for large artery occlusion from a two-year national survey in Japan. <i>International Journal of Stroke</i> , 2020 , 15, 289-298	6.3	2
629	Outcome of intracranial flow diversion according to the antiplatelet regimen used: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 148-155	7.8	18
628	Time of day and endovascular treatment decision in acute stroke with relative endovascular treatment indication: insights from UNMASK EVT international survey. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 122-126	7.8	5
627	Automatic segmentation of cerebral infarcts in follow-up computed tomography images with convolutional neural networks. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 848-852	7.8	15
626	Deriving a Passive Surveillance Stroke Severity Indicator From Routinely Collected Administrative Data: The PaSSV Indicator. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006269	5.8	12
625	Efficacy of Melatonin in Children With Postconcussive Symptoms: A Randomized Clinical Trial. <i>Pediatrics</i> , 2020 , 145,	7.4	17
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