

# Andrew M Demchuk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4756054/publications.pdf>

Version: 2024-02-01

234  
papers

36,294  
citations

19608

61  
h-index

3394

183  
g-index

236  
all docs

236  
docs citations

236  
times ranked

15298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcome prediction in large vessel occlusion ischemic stroke with or without endovascular stroke treatment: THRIVE-EVT. <i>International Journal of Stroke</i> , 2023, 18, 331-337.	2.9	2
2	Cost-effectiveness of testing for CYP2C19 loss-of-function carriers following transient ischemic attack/minor stroke: A Canadian perspective. <i>International Journal of Stroke</i> , 2023, 18, 416-425.	2.9	7
3	Management and outcome of patients with acute ischemic stroke and tandem carotid occlusion in the ESCAPE-NA1 trial. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 429-433.	2.0	11
4	Histological evaluation of acute ischemic stroke thrombi may indicate the occurrence of vessel wall injury during mechanical thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 356-361.	2.0	18
5	Predictors and clinical impact of infarct progression rate in the ESCAPE-NA1 trial. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 886-891.	2.0	5
6	Hematoma Expansion and Clinical Outcomes in Patients With Factor-Xa Inhibitor-Related Atraumatic Intracerebral Hemorrhage Treated Within the ANNEXA-4 Trial Versus Real-World Usual Care. <i>Stroke</i> , 2022, 53, 532-543.	1.0	25
7	Associations of Early Systolic Blood Pressure Control and Outcome After Thrombolysis-Eligible Acute Ischemic Stroke: Results From the ENCHANTED Study. <i>Stroke</i> , 2022, 53, 779-787.	1.0	14
8	Radiographic Characteristics of Mild Ischemic Stroke Patients With Visible Intracranial Occlusion: The INTERRSeCT Study. <i>Stroke</i> , 2022, 53, 913-920.	1.0	6
9	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</i> , 2022, 399, 249-258.	6.3	144
10	Thrombectomy With and Without Computed Tomography Perfusion Imaging in the Early Time Window: A Pooled Analysis of Patient-Level Data. <i>Stroke</i> , 2022, 53, 1348-1353.	1.0	10
11	Lesion-symptom mapping with NIHSS sub-scores in ischemic stroke patients. <i>Stroke and Vascular Neurology</i> , 2022, 7, 124-131.	1.5	8
12	Sex-Related Differences in Outcomes After Endovascular Treatment of Patients With Late-Window Stroke. <i>Stroke</i> , 2022, 53, 311-318.	1.0	11
13	Association of Stent-Retriever Characteristics in Establishing Successful Reperfusion During Mechanical Thrombectomy. <i>Clinical Neuroradiology</i> , 2022, 32, 799-807.	1.0	4
14	Histological composition of retrieved emboli in acute ischemic stroke is independent of pre-thrombectomy alteplase use. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106376.	0.7	4
15	$T_{max}$ Volumes Predict Final Infarct Size and Functional Outcome in Ischemic Stroke Patients Receiving Endovascular Treatment. <i>Annals of Neurology</i> , 2022, 91, 878-888.	2.8	19
16	Quantification of clot spatial heterogeneity and its impact on thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1248-1252.	2.0	11
17	Correlation Between Computed Tomography-Based Tissue Net Water Uptake and Volumetric Measures of Cerebral Edema After Reperfusion Therapy. <i>Stroke</i> , 2022, 53, 2628-2636.	1.0	10
18	Functional Outcomes of Patients $\geq 85$ Years With Acute Ischemic Stroke Following EVT: A HERMES Substudy. <i>Stroke</i> , 2022, 53, 2220-2226.	1.0	19

#	ARTICLE	IF	CITATIONS
19	Sex Differences in Endovascular Treatment for Stroke: A Population-based Analysis. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, 479-486.	0.3	4
20	Intensive versus guideline-recommended blood pressure reduction in acute lacunar stroke with intravenous thrombolysis therapy: The ENCHANTED trial. <i>European Journal of Neurology</i> , 2021, 28, 783-793.	1.7	8
21	Thrombus Migration and Fragmentation After Intravenous Alteplase Treatment. <i>Stroke</i> , 2021, 52, 203-212.	1.0	24
22	Clinical outcomes of isolated deep grey matter infarcts after endovascular treatment of large vessel occlusion stroke. <i>Neuroradiology</i> , 2021, 63, 1463-1469.	1.1	4
23	Low-Dose vs Standard-Dose Alteplase in Acute Lacunar Ischemic Stroke. <i>Neurology</i> , 2021, 96, e1512-e1526.	1.5	16
24	Economic Evaluation of Andexanet Versus Prothrombin Complex Concentrate for Reversal of Factor Xa-Associated Intracranial Hemorrhage. <i>Stroke</i> , 2021, 52, 1390-1397.	1.0	13
25	Per pass analysis of thrombus composition retrieved by mechanical thrombectomy. <i>Interventional Neuroradiology</i> , 2021, 27, 815-820.	0.7	9
26	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.	1.0	9
27	Which Acute Ischemic Stroke Patients Are Fast Progressors?. <i>Stroke</i> , 2021, 52, 1847-1850.	1.0	21
28	The Story of Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 1905-1914.	1.0	34
29	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.	1.4	13
30	Prediction of Clinical Outcomes in Acute Ischaemic Stroke Patients: A Comparative Study. <i>Frontiers in Neurology</i> , 2021, 12, 663899.	1.1	8
31	Thrombolysis outcomes according to arterial characteristics of acute ischemic stroke by alteplase dose and blood pressure target. <i>International Journal of Stroke</i> , 2021, , 174749302110254.	2.9	0
32	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. <i>JAMA Neurology</i> , 2021, 78, 709.	4.5	30
33	Hemostatic Efficacy and Anti-FXa (Factor Xa) Reversal With Andexanet Alfa in Intracranial Hemorrhage: ANNEXA-4 Substudy. <i>Stroke</i> , 2021, 52, 2096-2105.	1.0	25
34	Effect of Implantable vs Prolonged External Electrocardiographic Monitoring on Atrial Fibrillation Detection in Patients With Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2160.	3.8	95
35	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.	1.2	17
36	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.	3.6	22

#	ARTICLE	IF	CITATIONS
37	Cerebral Edema in Patients With Large Hemispheric Infarct Undergoing Reperfusion Treatment: A HERMES Meta-Analysis. <i>Stroke</i> , 2021, 52, 3450-3458.	1.0	32
38	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.	3.6	26
39	Intraparenchymal haemorrhages as a primary outcome measure. <i>Lancet Neurology</i> , The, 2021, 20, 595.	4.9	1
40	Return on Investment in Endovascular Care: The case of Endovascular Reperfusion Alberta. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-22.	0.3	1
41	Sonothrombolysis in Patients With Acute Ischemic Stroke With Large Vessel Occlusion: An Individual Patient Data Meta-Analysis. <i>Stroke</i> , 2021, 52, 3786-3795.	1.0	9
42	Platelets and Clot Stiffness: A Challenge but Also an Opportunity Toward Achieving Consistent Complete Reperfusion. <i>Stroke</i> , 2021, 52, 2518-2520.	1.0	2
43	Assessment of Optimal Patient Selection for Endovascular Thrombectomy Beyond 6 Hours After Symptom Onset. <i>JAMA Neurology</i> , 2021, 78, 1064.	4.5	42
44	Determinants of Leptomeningeal Collateral Status Variability in Ischemic Stroke Patients. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-19.	0.3	6
45	Prediction of Outcome and Endovascular Treatment Benefit: Validation and Update of the MR PREDICTS Decision Tool. <i>Stroke</i> , 2021, 52, 2764-2772.	1.0	24
46	A Prospective Economic Evaluation of Rapid Endovascular Therapy for Acute Ischemic Stroke. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-8.	0.3	3
47	Comparative effects of intensive-blood pressure versus standard-blood pressure-lowering treatment in patients with severe ischemic stroke in the ENCHANTED trial. <i>Journal of Hypertension</i> , 2021, 39, 280-285.	0.3	13
48	Vertebral to Basilar Thrombus Migration Post Intravenous Thrombolysis. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-10.	0.3	1
49	Perceived Limits of Endovascular Treatment for Secondary Medium-Vessel-Occlusion Stroke. <i>American Journal of Neuroradiology</i> , 2021, 42, 2188-2193.	1.2	2
50	Transitioning From Mentee to Mentor: How and When to Start Developing the Skills Needed to Support Others?. <i>Stroke</i> , 2021, 52, e848-e851.	1.0	1
51	Sex Differences in Diagnosis and Diagnostic Revision of Suspected Minor Cerebral Ischemic Events. <i>Neurology</i> , 2021, 96, e732-e739.	1.5	1
52	Comprehensive assessment of disability post-stroke using the newly developed miFUNCTION scale. <i>International Journal of Stroke</i> , 2020, 15, 167-174.	2.9	5
53	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.	2.9	2
54	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.	1.1	4

#	ARTICLE	IF	CITATIONS
55	Imaging Triage of Patients with Late-Window (6â€“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.	1.2	33
56	Temporal evolution and spatial distribution of quantitative T2 MRI following acute ischemia reperfusion injury. <i>International Journal of Stroke</i> , 2020, 15, 495-506.	2.9	5
57	Dynamic CTA-Derived Perfusion Maps Predict Final Infarct Volume: The Simple Perfusion Reconstruction Algorithm. <i>American Journal of Neuroradiology</i> , 2020, 41, 2034-2040.	1.2	10
58	Thrombectomy vs medical management in low NIHSS acute anterior circulation stroke. <i>Neurology</i> , 2020, 95, e3364-e3372.	1.5	37
59	Prevalence and the predictive performance of the dynamic CT-angiography spot sign in an observational cohort with intracerebral hemorrhage. <i>Medicine (United States)</i> , 2020, 99, e23278.	0.4	1
60	Predictors and prognoses of Willisian collateral failure during mechanical thrombectomy. <i>Scientific Reports</i> , 2020, 10, 20874.	1.6	6
61	Endovascular Therapy in Mild Ischemic Strokes Presenting Under 6 hours: An International Survey. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105234.	0.7	2
62	Public health and cost consequences of time delays to thrombectomy for acute ischemic stroke. <i>Neurology</i> , 2020, 95, e2465-e2475.	1.5	38
63	Defining reperfusion post endovascular therapy in ischemic stroke using MR-dynamic contrast enhanced perfusion. <i>British Journal of Radiology</i> , 2020, 93, 20190890.	1.0	2
64	Therapeutic Hypothermia in Acute Ischemic Strokeâ€”a Systematic Review and Meta-Analysis. <i>Current Neurology and Neuroscience Reports</i> , 2020, 20, 13.	2.0	32
65	Osmotherapy for malignant cerebral edema in a phase 2 prospective, double blind, randomized, placebo-controlled study of IV glibenclamide. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104916.	0.7	5
66	Thrombolysis Outcomes in Acute Ischemic Stroke by Fluid-Attenuated Inversion Recovery Hyperintense Arteries. <i>Stroke</i> , 2020, 51, 2240-2243.	1.0	7
67	Structural integrity of white matter tracts as a predictor of acute ischemic stroke outcome. <i>International Journal of Stroke</i> , 2020, 15, 965-972.	2.9	8
68	Recanalization following Endovascular treatment and imaging of PErfusion, Regional inFarction and atrophy to Understand Stroke Evolutionâ€”NA1 (REPERFUSE-NA1). <i>International Journal of Stroke</i> , 2020, 15, 343-349.	2.9	5
69	Therapeutic Hypothermia in Patients with Malignant Ischemic Stroke and Hemicraniectomyâ€”A Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2020, 141, e677-e685.	0.7	6
70	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.	6.3	400
71	From â€œTime is Brainâ€”to â€œImaging is Brainâ€”A Paradigm Shift in the Management of Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2020, 30, 562-571.	1.0	56
72	Machine Learning for Detecting Early Infarction in Acute Stroke with Nonâ€”Contrast-enhanced CT. <i>Radiology</i> , 2020, 294, 638-644.	3.6	110

#	ARTICLE	IF	CITATIONS
73	Endovascular Treatment Decisions in Patients with M2 Segment MCA Occlusions. <i>American Journal of Neuroradiology</i> , 2020, 41, 280-285.	1.2	40
74	Clinical prognosis of FLAIR hyperintense arteries in ischaemic stroke patients: a systematic review and meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 475-482.	0.9	9
75	Accuracy and Reliability of Multiphase CTA Perfusion for Identifying Ischemic Core. <i>Clinical Neuroradiology</i> , 2019, 29, 543-552.	1.0	15
76	Does Sex Modify the Effect of Endovascular Treatment for Ischemic Stroke?. <i>Stroke</i> , 2019, 50, 2413-2419.	1.0	57
77	Effect of Recombinant Activated Coagulation Factor VII on Hemorrhage Expansion Among Patients With Spot Sign—Positive Acute Intracerebral Hemorrhage. <i>JAMA Neurology</i> , 2019, 76, 1493.	4.5	72
78	New and expanding ventricular hemorrhage predicts poor outcome in acute intracerebral hemorrhage. <i>Neurology</i> , 2019, 93, e879-e888.	1.5	47
79	Standards for Detecting, Interpreting, and Reporting Noncontrast Computed Tomographic Markers of Intracerebral Hemorrhage Expansion. <i>Annals of Neurology</i> , 2019, 86, 480-492.	2.8	121
80	Stroke Laterality Did Not Modify Outcomes in the HERMES Meta-Analysis of Individual Patient Data of 7 Trials. <i>Stroke</i> , 2019, 50, 2118-2124.	1.0	19
81	Therapeutic hypothermia: Applications in adults with acute ischemic stroke. <i>Brain Circulation</i> , 2019, 5, 43.	0.7	32
82	Rate and Prognosis of Brain Ischemia in Patients With Lower-Risk Transient or Persistent Minor Neurologic Events. <i>JAMA Neurology</i> , 2019, 76, 1439.	4.5	60
83	Imaging of Patients with Suspected Large-Vessel Occlusion at Primary Stroke Centers: Available Modalities and a Suggested Approach. <i>American Journal of Neuroradiology</i> , 2019, 40, 396-400.	1.2	16
84	Independent Validation of the Hematoma Expansion Prediction Score: A Non-contrast Score Equivalent in Accuracy to the Spot Sign. <i>Neurocritical Care</i> , 2019, 31, 1-8.	1.2	7
85	Platelet-Rich Emboli in Cerebral Large Vessel Occlusion Are Associated With a Large Artery Atherosclerosis Source. <i>Stroke</i> , 2019, 50, 1907-1910.	1.0	61
86	STAIR X. <i>Stroke</i> , 2019, 50, 1605-1611.	1.0	5
87	Ischemic Diffusion Lesion Reversal After Endovascular Treatment. <i>Stroke</i> , 2019, 50, 1504-1509.	1.0	41
88	Automated brain extraction from head CT and CTA images using convex optimization with shape propagation. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 176, 1-8.	2.6	20
89	Safety and efficacy of sonothrombolysis for acute ischaemic stroke: a multicentre, double-blind, phase 3, randomised controlled trial. <i>Lancet Neurology</i> , The, 2019, 18, 338-347.	4.9	61
90	Clot Burden Score and Early Ischemia Predict Intracranial Hemorrhage following Endovascular Therapy. <i>American Journal of Neuroradiology</i> , 2019, 40, 655-660.	1.2	6

#	ARTICLE	IF	CITATIONS
91	Intensive blood pressure reduction with intravenous thrombolysis therapy for acute ischaemic stroke (ENCHANTED): an international, randomised, open-label, blinded-endpoint, phase 3 trial. <i>Lancet, The</i> , 2019, 393, 877-888.	6.3	178
92	Full Study Report of Andexanet Alfa for Bleeding Associated with Factor Xa Inhibitors. <i>New England Journal of Medicine</i> , 2019, 380, 1326-1335.	13.9	687
93	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. <i>Stroke</i> , 2019, 50, 690-696.	1.0	52
94	Selective brain cooling: Let us have a moment of science. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 182-183.	2.4	9
95	eTICI reperfusion: defining success in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 433-438.	2.0	251
96	Radiomics-Based Intracranial Thrombus Features on CT and CTA Predict Recanalization with Intravenous Alteplase in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2019, 40, 39-44.	1.2	68
97	Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. <i>Lancet Neurology, The</i> , 2019, 18, 46-55.	4.9	276
98	Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2019, 76, 194.	4.5	77
99	Automated ASPECTS on Noncontrast CT Scans in Patients with Acute Ischemic Stroke Using Machine Learning. <i>American Journal of Neuroradiology</i> , 2019, 40, 33-38.	1.2	77
100	Diffusion-Weighted MRI Stroke Volume Following Recanalization Treatment is Threshold-Dependent. <i>Clinical Neuroradiology</i> , 2019, 29, 135-141.	1.0	12
101	Therapeutic hypothermia in stroke: Quo Vadis?. <i>Brain Circulation</i> , 2019, 5, 157.	0.7	4
102	Primary to comprehensive stroke center transfers: Appropriateness, not futility. <i>International Journal of Stroke</i> , 2018, 13, 550-553.	2.9	12
103	Secondary stroke prevention services in Canada: a cross-sectional survey and geospatial analysis of resources, capacity and geographic access. <i>CMAJ Open</i> , 2018, 6, E95-E102.	1.1	12
104	Thrombolytic therapies for ischemic stroke: Triumphs and future challenges. <i>Neuropharmacology</i> , 2018, 134, 272-279.	2.0	66
105	Computed tomographic angiography in stroke and high-risk transient ischemic attack: Do not leave the emergency department without it!. <i>International Journal of Stroke</i> , 2018, 13, 673-686.	2.9	7
106	Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 1137-1142.	2.0	93
107	Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. <i>New England Journal of Medicine</i> , 2018, 378, 708-718.	13.9	3,433
108	Lack of Early Improvement Predicts Poor Outcome Following Acute Intracerebral Hemorrhage. <i>Critical Care Medicine</i> , 2018, 46, e310-e317.	0.4	12



#	ARTICLE	IF	CITATIONS
109	Posttreatment Infarct Volumes when Compared with 24-Hour and 90-Day Clinical Outcomes: Insights from the REVASCAT Randomized Controlled Trial. <i>American Journal of Neuroradiology</i> , 2018, 39, 107-110.	1.2	24
110	Clinical and Technological Approaches to the Prehospital Diagnosis of Large Vessel Occlusion. <i>Stroke</i> , 2018, 49, 1036-1043.	1.0	16
111	Acute ischemic stroke with tandem lesions: technical endovascular management and clinical outcomes from the ESCAPE trial. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 429-433.	2.0	78
112	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. <i>Lancet Neurology</i> , The, 2018, 17, 47-53.	4.9	205
113	Time for a Time Window Extension: Insights from Late Presenters in the ESCAPE Trial. <i>American Journal of Neuroradiology</i> , 2018, 39, 102-106.	1.2	29
114	Do Intracerebral Hemorrhage Nonexpanders Actually Expand Into the Ventricular Space?. <i>Stroke</i> , 2018, 49, 201-203.	1.0	13
115	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018, 49, 2353-2360.	1.0	61
116	Modeling Stroke Patient Transport for All Patients With Suspected Large-Vessel Occlusion. <i>JAMA Neurology</i> , 2018, 75, 1477.	4.5	131
117	Volumetric and Spatial Accuracy of Computed Tomography Perfusion Estimated Ischemic Core Volume in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 2368-2375.	1.0	69
118	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2018, 17, 895-904.	4.9	281
119	Association of Clinical, Imaging, and Thrombus Characteristics With Recanalization of Visible Intracranial Occlusion in Patients With Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 1017.	3.8	180
120	Impact of varying levels of hyperglycemia on clinicoradiographic outcomes after endovascular reperfusion treatment. <i>Scientific Reports</i> , 2018, 8, 9832.	1.6	7
121	Symptomatic intracranial atherosclerotic disease: an ultrasound 2-year follow-up pilot study. <i>Neurological Sciences</i> , 2018, 39, 1955-1959.	0.9	6
122	Computed Tomographic Perfusion Predicts Poor Outcomes in a Randomized Trial of Endovascular Therapy. <i>Stroke</i> , 2018, 49, 1426-1433.	1.0	29
123	Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. <i>Lancet Neurology</i> , The, 2018, 17, 885-894.	4.9	229
124	Tenacity of Collateral Perfusion in Proximal Cerebral Arterial Occlusions 6â€“12 h after Onset. <i>Cerebrovascular Diseases</i> , 2018, 45, 263-269.	0.8	6
125	Temporal Changes in Care Processes and Outcomes for Endovascular Treatment of Acute Ischemic Stroke: Retrospective Registry Data from Three Korean Centers. <i>Neurointervention</i> , 2018, 13, 2-12.	0.5	22
126	Prognosis of Acute Intracranial Atherosclerosis-Related Occlusion after Endovascular Treatment. <i>Journal of Stroke</i> , 2018, 20, 394-403.	1.4	81



#	ARTICLE	IF	CITATIONS
127	Proposed methodology and classification of Infarct in New Territory (INT) after endovascular stroke treatment. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 449-450.	2.0	22
128	Improving Door-to-Needle Times for Acute Ischemic Stroke. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	0.9	57
129	Defining the Role of the Stroke Physician During Endovascular Therapy of Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 805-807.	1.0	7
130	The Need for Better Data on Patients with Acute Stroke Who Are Not Treated Because of Unfavorable Imaging. <i>American Journal of Neuroradiology</i> , 2017, 38, 424-425.	1.2	8
131	Observed Cost and Variations in Short Term Cost-Effectiveness of Therapy for Ischemic Stroke in Interventional Management of Stroke (IMS) III. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	16
132	Use of Noncontrast Computed Tomography and Computed Tomographic Perfusion in Predicting Intracerebral Hemorrhage After Intravenous Alteplase Therapy. <i>Stroke</i> , 2017, 48, 1548-1553.	1.0	14
133	Low- Versus Standard-Dose Alteplase in Patients on Prior Antiplatelet Therapy. <i>Stroke</i> , 2017, 48, 1877-1883.	1.0	42
134	Neurons Over Nephrons. <i>Stroke</i> , 2017, 48, 1862-1868.	1.0	79
135	Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. <i>International Journal of Stroke</i> , 2017, 12, 606-614.	2.9	128
136	Use of Evidence-Based Therapy for Cardiovascular Risk Factors in Canadian Outpatients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2017, 120, 582-587.	0.7	8
137	Regional Comparison of Multiphase Computed Tomographic Angiography and Computed Tomographic Perfusion for Prediction of Tissue Fate in Ischemic Stroke. <i>Stroke</i> , 2017, 48, 939-945.	1.0	46
138	Vessel Patency at 24 Hours and Its Relationship With Clinical Outcomes and Infarct Volume in REVASCAT Trial (Randomized Trial of Revascularization With Solitaire FR Device Versus Best Medical) <i>Tj ETQq0 0 0 rgeBT /Overlock 10 Tf</i>	1.0	41
139	Early Trajectory of Stroke Severity Predicts Long-Term Functional Outcomes in Ischemic Stroke Subjects. <i>Stroke</i> , 2017, 48, 105-110.	1.0	58
140	Low-Dose vs Standard-Dose Alteplase for Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2017, 74, 1328.	4.5	33
141	Collateral Scoring on CT Angiogram Must Evaluate Phase and Regional Pattern. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 503-507.	0.3	10
142	Approaches to the field recognition of potential thrombectomy candidates. <i>International Journal of Stroke</i> , 2017, 12, 698-707.	2.9	4
143	Multiphase CT Angiography Improves Prediction of Intracerebral Hemorrhage Expansion. <i>Radiology</i> , 2017, 285, 932-940.	3.6	30
144	Association of fibrinogen level with early neurological deterioration among acute ischemic stroke patients with diabetes. <i>BMC Neurology</i> , 2017, 17, 101.	0.8	38

#	ARTICLE	IF	CITATIONS
145	Endovascular Therapy of M2 Occlusion in IMS III: Role of M2 Segment Definition and Location on Clinical and Revascularization Outcomes. American Journal of Neuroradiology, 2017, 38, 84-89.	1.2	30
146	Minimal sufficient balance randomization for sequential randomized controlled trial designs: results from the ESCAPE trial. Trials, 2017, 18, 516.	0.7	8
147	Improving reperfusion time within the ESCAPE Endovascular Clinical Trial. European Stroke Journal, 2017, 2, 64-69.	2.7	6
148	Location of intracerebral haemorrhage predicts haematoma expansion. European Stroke Journal, 2017, 2, 257-263.	2.7	14
149	Predictors of 30-day mortality and the risk of recurrent systemic thromboembolism in cancer patients suffering acute ischemic stroke. PLoS ONE, 2017, 12, e0172793.	1.1	31
150	Differentiating Carotid Terminus Occlusions into Two Distinct Populations Based on Willisian Collateral Status. Journal of Stroke, 2016, 18, 179-186.	1.4	30
151	History, Evolution, and Importance of Emergency Endovascular Treatment of Acute Ischemic Stroke. Current Neurology and Neuroscience Reports, 2016, 16, 42.	2.0	16
152	Small intracerebral hemorrhages have a low spot sign prevalence and are less likely to expand. International Journal of Stroke, 2016, 11, 191-197.	2.9	18
153	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	1.0	88
154	Multimodal CT Imaging: Time to Treatment and Outcomes in the IMS III Trial. American Journal of Neuroradiology, 2016, 37, 1393-1398.	1.2	12
155	Low-Dose versus Standard-Dose Intravenous Alteplase in Acute Ischemic Stroke. New England Journal of Medicine, 2016, 374, 2313-2323.	13.9	352
156	Analysis of Workflow and Time to Treatment on Thrombectomy Outcome in the Endovascular Treatment for Small Core and Proximal Occlusion Ischemic Stroke (ESCAPE) Randomized, Controlled Trial. Circulation, 2016, 133, 2279-2286.	1.6	220
157	Time to Treatment With Endovascular Thrombectomy and Outcomes From Ischemic Stroke: A Meta-analysis. JAMA - Journal of the American Medical Association, 2016, 316, 1279.	3.8	1,617
158	Effect of Intracranial Atherosclerotic Disease on Endovascular Treatment for Patients with Acute Vertebrobasilar Occlusion. American Journal of Neuroradiology, 2016, 37, 2072-2078.	1.2	119
159	Visual aid tool to improve decision making in acute stroke care. International Journal of Stroke, 2016, 11, 868-873.	2.9	8
160	Ultraearly hematoma growth in active intracerebral hemorrhage. Neurology, 2016, 87, 357-364.	1.5	50
161	Multiphase CT angiography increases detection of anterior circulation intracranial occlusion. Neurology, 2016, 87, 609-616.	1.5	59
162	Infarct in a New Territory After Treatment Administration in the ESCAPE Randomized Controlled Trial (Endovascular Treatment for Small Core and Anterior Circulation Proximal Occlusion With Emphasis) Tj ETQq0 0 0 ngBT /Overlock 10 Tf		

#	ARTICLE	IF	CITATIONS
163	Depressive symptoms and functional decline following coronary interventions in older patients with coronary artery disease: a prospective cohort study. <i>BMC Psychiatry</i> , 2016, 16, 277.	1.1	6
164	Cerebral Perfusion Pressure is Maintained in Acute Intracerebral Hemorrhage: A CT Perfusion Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 244-251.	1.2	14
165	Validating screening tools for depression in stroke and transient ischemic attack patients. <i>International Journal of Psychiatry in Medicine</i> , 2016, 51, 262-277.	0.8	50
166	Does the use of IV tPA in the current era of rapid and predictable recanalization by mechanical embolectomy represent good value?. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 443-446.	2.0	78
167	Effect of endovascular reperfusion in relation to site of arterial occlusion. <i>Neurology</i> , 2016, 86, 762-770.	1.5	38
168	Association Between CT Angiogram Collaterals and CT Perfusion in the Interventional Management of Stroke III Trial. <i>Stroke</i> , 2016, 47, 535-538.	1.0	62
169	Comparing Vessel Imaging. <i>Stroke</i> , 2016, 47, 273-281.	1.0	52
170	Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. <i>Lancet, The</i> , 2016, 387, 1723-1731.	6.3	5,331
171	Predicting Intracerebral Hemorrhage Growth With the Spot Sign. <i>Stroke</i> , 2016, 47, 695-700.	1.0	94
172	Safety and Efficacy of Solitaire Stent Thrombectomy. <i>Stroke</i> , 2016, 47, 798-806.	1.0	209
173	Intra-Arterial Therapy and Post-Treatment Infarct Volumes. <i>Stroke</i> , 2016, 47, 777-781.	1.0	53
174	Endovascular Therapy in Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 548-553.	1.0	57
175	Magnitude of Hematoma Volume Measurement Error in Intracerebral Hemorrhage. <i>Stroke</i> , 2016, 47, 1124-1126.	1.0	26
176	Near-infrared measurements of brain oxygenation in stroke. <i>Neurophotonics</i> , 2016, 3, 031403.	1.7	31
177	Perihematoma Edema Is Greater in the Presence of a Spot Sign but Does Not Predict Intracerebral Hematoma Expansion. <i>Stroke</i> , 2016, 47, 350-355.	1.0	16
178	Imaging Predictors for Atherosclerosis-Related Intracranial Large Artery Occlusions in Acute Anterior Circulation Stroke. <i>Journal of Stroke</i> , 2016, 18, 352-354.	1.4	30
179	International Survey of Acute Stroke Imaging Used to Make Revascularization Treatment Decisions. <i>International Journal of Stroke</i> , 2015, 10, 759-762.	2.9	50
180	Combined Lysis of Thrombus with Ultrasound and Systemic Tissue Plasminogen Activator for Emergent Revascularization in Acute Ischemic Stroke (Clotbust-ER): Design and Methodology of a Multinational Phase 3 Trial. <i>International Journal of Stroke</i> , 2015, 10, 1141-1148.	2.9	35

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------

181			
-----	--	--	--

#	ARTICLE	IF	CITATIONS
199	The Heidelberg Bleeding Classification. <i>Stroke</i> , 2015, 46, 2981-2986.	1.0	755
200	Time-Dependent Computed Tomographic Perfusion Thresholds for Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 3390-3397.	1.0	114
201	Differential Effect of Baseline Computed Tomographic Angiography Collaterals on Clinical Outcome in Patients Enrolled in the Interventional Management of Stroke III Trial. <i>Stroke</i> , 2015, 46, 1239-1244.	1.0	121
202	Endovascular revascularization results in IMS III: intracranial ICA and M1 occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 795-802.	2.0	30
203	Choosing a Hyperacute Stroke Imaging Protocol for Proper Patient Selection and Time Efficient Endovascular Treatment: Lessons from Recent Trials. <i>Journal of Stroke</i> , 2015, 17, 221-228.	1.4	34
204	Dynamic Characterization of the CT Angiographic "Spot Sign"™. <i>PLoS ONE</i> , 2014, 9, e90431.	1.1	22
205	2C or not 2C: defining an improved revascularization grading scale and the need for standardization of angiography outcomes in stroke trials. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 83-86.	2.0	222
206	Not All "Successful" Angiographic Reperfusion Patients Are an Equal Validation of a Modified TIC1 Scoring System. <i>Interventional Neuroradiology</i> , 2014, 20, 21-27.	0.7	118
207	Evolution of Practice During the Interventional Management of Stroke III Trial and Implications for Ongoing Trials. <i>Stroke</i> , 2014, 45, 3606-3611.	1.0	10
208	Recanalization and Clinical Outcome of Occlusion Sites at Baseline CT Angiography in the Interventional Management of Stroke III Trial. <i>Radiology</i> , 2014, 273, 202-210.	3.6	141
209	Evaluation of Interval Times From Onset to Reperfusion in Patients Undergoing Endovascular Therapy in the Interventional Management of Stroke III Trial. <i>Circulation</i> , 2014, 130, 265-272.	1.6	96
210	Overcoming the evening/weekend effects on time delays and outcomes of endovascular stroke therapy: the Calgary Stroke Program experience. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 729-732.	2.0	28
211	Consistently Achieving Computed Tomography to Endovascular Recanalization <90 Minutes. <i>Stroke</i> , 2014, 45, e252-6.	1.0	63
212	Central nervous system imaging in diabetic cerebrovascular diseases and white matter hyperintensities. <i>Handbook of Clinical Neurology</i> / Edited By PJ Vinken and G W Bruyn, 2014, 126, 291-315.	1.0	7
213	Acute Blood Pressure Reduction in Patients With Intracerebral Hemorrhage Does Not Result in Borderzone Region Hypoperfusion. <i>Stroke</i> , 2014, 45, 2894-2899.	1.0	27
214	Challenges of Acute Endovascular Stroke Trials. <i>Stroke</i> , 2014, 45, 3116-3122.	1.0	26
215	Endovascular Therapy after Intravenous t-PA versus t-PA Alone for Stroke. <i>New England Journal of Medicine</i> , 2013, 368, 893-903.	13.9	1,666
216	Recommendations on Angiographic Revascularization Grading Standards for Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2650-2663.	1.0	1,264

#	ARTICLE	IF	CITATIONS
217	Assessment of Leptomeningeal Collaterals Using Dynamic CT Angiography in Patients with Acute Ischemic Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 365-371.	2.4	145
218	Perfusion MR Predicts Outcome in High-Risk Transient Ischemic Attack/Minor Stroke. <i>Stroke</i> , 2013, 44, 2486-2492.	1.0	34
219	CT/CT Angiography and MRI Findings Predict Recurrent Stroke After Transient Ischemic Attack and Minor Stroke. <i>Stroke</i> , 2012, 43, 1013-1017.	1.0	180
220	Imaging-based selection in acute ischemic stroke trials – a quest for imaging sweet spots. <i>Annals of the New York Academy of Sciences</i> , 2012, 1268, 63-71.	1.8	19
221	Thrombolytic Therapy for Acute Ischaemic Stroke. <i>Drugs</i> , 2012, 72, 1833-1845.	4.9	1
222	Low Rates of Acute Recanalization With Intravenous Recombinant Tissue Plasminogen Activator in Ischemic Stroke. <i>Stroke</i> , 2010, 41, 2254-2258.	1.0	638
223	Factors Associated With Intracerebral Hemorrhage After Thrombolytic Therapy for Ischemic Stroke. <i>Stroke</i> , 2009, 40, 3067-3072.	1.0	95
224	Intracranial Thrombus Extent Predicts Clinical Outcome, Final Infarct Size and Hemorrhagic Transformation in Ischemic Stroke: The Clot Burden Score. <i>International Journal of Stroke</i> , 2008, 3, 230-236.	2.9	251
225	Recurrent Events in Transient Ischemic Attack and Minor Stroke. <i>Stroke</i> , 2008, 39, 2461-2466.	1.0	77
226	The use of neurovascular imaging for triaging tia and minor stroke: Implications for therapy. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2006, 8, 235-241.	0.4	1
227	Can we identify a CT-based tissue window for thrombolysis without CTP?. <i>Annals of Neurology</i> , 2006, 59, 437-437.	2.8	2
228	Importance of Early Ischemic Computed Tomography Changes Using ASPECTS in NINDS rtPA Stroke Study. <i>Stroke</i> , 2005, 36, 2110-2115.	1.0	247
229	Alberta Stroke Program Early CT Score in Acute Stroke Triage. <i>Neuroimaging Clinics of North America</i> , 2005, 15, 409-419.	0.5	44
230	ASPECTS on CTA Source Images Versus Unenhanced CT. <i>Stroke</i> , 2004, 35, 2472-2476.	1.0	173
231	Ultrasound-Enhanced Thrombolysis for Acute Ischemic Stroke: Phase I. Findings of the CLOTBUST Trial. <i>Journal of Neuroimaging</i> , 2004, 14, 113-117.	1.0	125
232	Ultrasound-Enhanced Thrombolysis for Acute Ischemic Stroke: Phase I. Findings of the CLOTBUST Trial. , 2004, 14, 113-117.		55
233	Speed of Intracranial Clot Lysis With Intravenous Tissue Plasminogen Activator Therapy. <i>Circulation</i> , 2001, 103, 2897-2902.	1.6	274
234	The Role of Repeat CT for Predicting Fatal Outcome Following Massive Middle Cerebral Artery Territory Infarction. <i>Stroke</i> , 2001, 32, 381-382.	1.0	0