

David S Liebeskind

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4841974/david-s-liebeskind-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

613
papers

26,825
citations

73
h-index

146
g-index

723
ext. papers

32,847
ext. citations

6
avg, IF

7.05
L-index

#	Paper	IF	Citations
613	Acute ischaemic stroke associated with SARS-CoV-2 infection in North America.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022 ,	5.5	5
612	Diffusion-Weighted Imaging-Alone Endovascular Thrombectomy Triage in Acute Stroke: Simulating Diffusion-Perfusion Mismatch Using Machine Learning.. <i>Journal of Stroke</i> , 2022 , 24, 148-151	5.6	
611	Direct Oral Anticoagulants Versus Warfarin in the Treatment of Cerebral Venous Thrombosis (ACTION-CVT): A Multicenter International Study.. <i>Stroke</i> , 2022 , STROKEAHA121037541	6.7	4
610	National Institutes of Health Stroke Scale Correlates Well with Initial Intracerebral Hemorrhage Volume.. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022 , 31, 106348	2.8	
609	Intracranial atherosclerosis: Review of imaging features and advances in diagnostics.. <i>International Journal of Stroke</i> , 2022 , 17474930211066427	6.3	1
608	Cerebral Angiography 2022 , 699-713.e2		
607	Artificial Intelligence in Stroke 2022 , 1733-1751		
606	Magnesium Sulfate and Hematoma Expansion: An Ancillary Analysis of the FAST-MAG Randomized Trial.. <i>Stroke</i> , 2022 , 101161STROKEAHA121037999	6.7	0
605	Clinical Results of the Advanced Neurovascular Access Catheter System Combined With a Stent Retriever in Acute Ischemic Stroke (SOLONDA).. <i>Stroke</i> , 2022 , 101161STROKEAHA121037577	6.7	0
604	Not Just Blood: Brain Fluid Systems and Their Relevance to Cerebrovascular Diseases.. <i>Stroke</i> , 2022 , STROKEAHA122037448	6.7	
603	A mobile battery-powered brain perfusion ultrasound (BPU) device designed for prehospital stroke diagnosis: correlation to perfusion MRI in healthy volunteers.. <i>Neurological Research and Practice</i> , 2022 , 4, 13	3.2	0
602	Accuracy of Automated Computer-Aided Diagnosis for Stroke Imaging: A Critical Evaluation of Current Evidence.. <i>Stroke</i> , 2022 , 101161STROKEAHA121036204	6.7	2
601	Fragility Index Meta-Analysis of Randomized Controlled Trials Shows Highly Robust Evidential Strength for Benefit of . <i>Stroke</i> , 2022 , 101161STROKEAHA121038153	6.7	3
600	Beyond the Golden Hour: Treating Acute Stroke in the Platinum 30 Minutes.. <i>Stroke</i> , 2022 , 101161STROKEAHA121036999	6.7	
599	Impact of eloquent motor cortex-tissue reperfusion beyond the traditional thrombolysis in cerebral infarction (TICI) scoring after thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 990-994	7.8	5
598	Collateral Circulation in Thrombectomy for Stroke After 6 to 24 Hours in the DAWN Trial. <i>Stroke</i> , 2021 , STROKEAHA121034471	6.7	3
597	Arterial Anatomy and Collaterals 2021 , 15-20		

596	First Pass Effect With Neurothrombectomy for Acute Ischemic Stroke: Analysis of the Systematic Evaluation of Patients Treated With Stroke Devices for Acute Ischemic Stroke Registry. <i>Stroke</i> , 2021 , STROKEAHA121035457	6.7	2
595	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
594	ACR Appropriateness Criteria□ Plexopathy: 2021 Update. <i>Journal of the American College of Radiology</i> , 2021 , 18, S423-S441	3.5	0
593	Infarct Progression in the Early and Late Phases of Acute Ischemic Stroke. <i>Neurology</i> , 2021 , 97, S60-S67	6.5	2
592	Heterogeneity between proximal and distal aspects of occlusive thrombi on pretreatment imaging in acute ischemic stroke. <i>Neuroradiology Journal</i> , 2021 , 19714009211049713	2	1
591	Lipid Levels and Short-Term Risk of Recurrent Brain Infarcts in Symptomatic Intracranial Stenosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 31, 106141	2.8	0
590	Encephaloduroarteriosynangiosis (EDAS) revascularization for symptomatic intracranial atherosclerotic steno-occlusive (ERSIAS) Phase-II objective performance criterion trial. <i>International Journal of Stroke</i> , 2021 , 16, 701-709	6.3	10
589	Automated Perfusion Calculations vs. Visual Scoring of Collaterals and CBV-ASPECTS : Has the Machine Surpassed the Eye?. <i>Clinical Neuroradiology</i> , 2021 , 31, 499-506	2.7	10
588	Endovascular therapy in the distal neurovascular territory: results of a large prospective registry. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 979-984	7.8	3
587	The Utility of Domain-Specific End Points in Acute Stroke Trials. <i>Stroke</i> , 2021 , 52, 1154-1161	6.7	1
586	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021 , 16, 573-584	6.3	36
585	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
584	Clinical effectiveness of endovascular stroke treatment in the early and extended time windows. <i>International Journal of Stroke</i> , 2021 , 17474930211005740	6.3	1
583	Select wisely: the ethical challenge of defining large core with perfusion in the early time window. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 497-499	7.8	6
582	Current Status of Endovascular Treatment for Acute Large Vessel Occlusion in China: A Real-World Nationwide Registry. <i>Stroke</i> , 2021 , 52, 1203-1212	6.7	18
581	Influence of time to endovascular stroke treatment on outcomes in the early versus extended window paradigms. <i>International Journal of Stroke</i> , 2021 , 17474930211006304	6.3	2
580	Imaging Advances: Acute-on-Chronic Stroke. <i>Stroke</i> , 2021 , 52, 1486-1489	6.7	
579	Intracranial atherosclerotic disease mechanistic subtypes drive hypoperfusion patterns. <i>Journal of Neuroimaging</i> , 2021 , 31, 686-690	2.8	3

578	ACR Appropriateness Criteria□ Myelopathy: 2021 Update. <i>Journal of the American College of Radiology</i> , 2021 , 18, S73-S82	3.5	1
577	Acute Ischemic Stroke: MR Imaging-Based Paradigms. <i>Neuroimaging Clinics of North America</i> , 2021 , 31, 177-192	3	0
576	Benchmarking the Extent and Speed of Reperfusion: First Pass TIC1 2c-3 Is a Preferred Endovascular Reperfusion Endpoint. <i>Frontiers in Neurology</i> , 2021 , 12, 669934	4.1	3
575	New Class of Radially Adjustable Stentrievors for Acute Ischemic Stroke: Primary Results of the Multicenter TIGER Trial. <i>Stroke</i> , 2021 , 52, 1534-1544	6.7	12
574	Subarachnoid Hemorrhage in Mechanical Thrombectomy for Acute Ischemic Stroke: Analysis of the STRATIS Registry, Systematic Review, and Meta-Analysis. <i>Frontiers in Neurology</i> , 2021 , 12, 663058	4.1	1
573	Intracranial dolichoectasia in patients with symptomatic intracranial atherosclerotic disease: Results from the MYRIAD study. <i>Journal of Neuroimaging</i> , 2021 , 31, 931-939	2.8	0
572	ACR Appropriateness Criteria□ Head□Trauma: 2021 Update. <i>Journal of the American College of Radiology</i> , 2021 , 18, S13-S36	3.5	4
571	ACR Appropriateness Criteria□ Syncope. <i>Journal of the American College of Radiology</i> , 2021 , 18, S229-S238	3.5	0
570	The smoking paradox in ischemic stroke patients treated with intra-arterial thrombolysis in combination with mechanical thrombectomy-VISTA-Endovascular. <i>PLoS ONE</i> , 2021 , 16, e0251888	3.7	1
569	Collateral status reperfusion and outcomes after endovascular therapy: insight from the Endovascular Treatment in Ischemic Stroke (ETIS) Registry. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	3
568	Predictors of Early Infarct Recurrence in Patients With Symptomatic Intracranial Atherosclerotic Disease. <i>Stroke</i> , 2021 , 52, 1961-1966	6.7	6
567	COVID-19 Impact on Acute Ischemic Stroke Treatment at 9 Comprehensive Stroke Centers across Los Angeles. <i>Cerebrovascular Diseases</i> , 2021 , 50, 707-714	3.2	
566	Endovascular Treatment of Infective Endocarditis-Related Acute Large Vessel Occlusion Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105775	2.8	1
565	Circadian Biology and Stroke. <i>Stroke</i> , 2021 , 52, 2180-2190	6.7	5
564	Frequency, Determinants, and Outcomes of Emboli to Distal and New Territories Related to Mechanical Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 2241-2249	6.7	2
563	Impact of Age and Alberta Stroke Program Early Computed Tomography Score 0 to 5 on Mechanical Thrombectomy Outcomes: Analysis From the STRATIS Registry. <i>Stroke</i> , 2021 , 52, 2220-2228	6.7	3
562	Prevalence, Predictors, and Outcomes of Prolonged Mechanical Ventilation After Endovascular Stroke Therapy. <i>Neurocritical Care</i> , 2021 , 34, 1009-1016	3.3	2
561	Infarct Recurrence in Intracranial Atherosclerosis: Results from the MyRIAD Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105504	2.8	10

560	Influence of the COVID-19 Pandemic on Treatment Times for Acute Ischemic Stroke: The Society of Vascular and Interventional Neurology Multicenter Collaboration. <i>Stroke</i> , 2021 , 52, 40-47	6.7	32
559	Adiposity and Outcome After Ischemic Stroke: Obesity Paradox for Mortality and Obesity Parabola for Favorable Functional Outcomes. <i>Stroke</i> , 2021 , 52, 144-151	6.7	4
558	Flow-Mediated Susceptibility and Molecular Response of Cerebral Endothelia to SARS-CoV-2 Infection. <i>Stroke</i> , 2021 , 52, 260-270	6.7	18
557	Decline in mild stroke presentations and intravenous thrombolysis during the COVID-19 pandemic: The Society of Vascular and Interventional Neurology Multicenter Collaboration. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 201, 106436	2	15
556	Deep Learning for Hemorrhagic Lesion Detection and Segmentation on Brain CT Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 1646-1659	7.2	16
555	Cerebrovascular events and outcomes in hospitalized patients with COVID-19: The SVIN COVID-19 Multinational Registry. <i>International Journal of Stroke</i> , 2021 , 16, 437-447	6.3	54
554	Randomization of endovascular treatment with stent-retriever and/or thromboaspiration versus best medical therapy in acute ischemic stroke due to large vessel occlusion trial: Rationale and design. <i>International Journal of Stroke</i> , 2021 , 16, 100-109	6.3	5
553	Intra-Arterial Thrombolysis after Unsuccessful Mechanical Thrombectomy in the STRATIS Registry. <i>American Journal of Neuroradiology</i> , 2021 , 42, 708-712	4.4	1
552	Stroke etiologies in patients with COVID-19: the SVIN COVID-19 multinational registry. <i>BMC Neurology</i> , 2021 , 21, 43	3.1	17
551	Hemodynamics in acute stroke: Cerebral and cardiac complications. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021 , 177, 295-317	3	
550	First pass effect in patients with large vessel occlusion strokes undergoing neurothrombectomy: insights from the Trevo Retriever Registry. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 619-622	7.8	11
549	Basilar Artery Occlusion and Emerging Treatments. <i>Seminars in Neurology</i> , 2021 , 41, 39-45	3.2	3
548	Artificial Intelligence in Stroke 2021 , 1-19		
547	Precision Medicine for Intracranial Atherosclerotic Disease. <i>Frontiers in Neurology</i> , 2021 , 12, 646734	4.1	2
546	Impaired Distal Perfusion Predicts Length of Hospital Stay in Patients with Symptomatic Middle Cerebral Artery Stenosis. <i>Journal of Neuroimaging</i> , 2021 , 31, 475-479	2.8	1
545	Endovascular thrombectomy time metrics in the era of COVID-19: observations from the Society of Vascular and Interventional Neurology Multicenter Collaboration. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	5
544	Education Research: Challenges Faced by Neurology Trainees in a Neuro-Intervention Career Track. <i>Neurology</i> , 2021 , 96, e2028-e2032	6.5	2
543	Stroke Imaging Selection Modality and Endovascular Therapy Outcomes in the Early and Extended Time Windows. <i>Stroke</i> , 2021 , 52, 491-497	6.7	11

542	Endothelial Shear Stress and Platelet Fc β IIa Expression in Intracranial Atherosclerotic Disease. <i>Frontiers in Neurology</i> , 2021 , 12, 646309	4.1	
541	Pathophysiologic mechanisms of cerebral endotheliopathy and stroke due to Sars-CoV-2. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 1179-1192	7.3	7
540	Delays in thrombolysis during COVID-19 are associated with worse neurological outcomes: the Society of Vascular and Interventional Neurology Multicenter Collaboration. <i>Journal of Neurology</i> , 2021 , 1	5.5	4
539	PRIMED Preclinical Evidence Scoring Tool to Assess Readiness for Translation of Neuroprotection Therapies. <i>Translational Stroke Research</i> , 2021 , 1	7.8	0
538	Nonstenotic Carotid Plaques in Ischemic Stroke: Analysis of the STRATIS Registry. <i>American Journal of Neuroradiology</i> , 2021 , 42, 1645-1652	4.4	1
537	Middle Cerebral Artery M2 Thrombectomy in the STRATIS Registry. <i>Stroke</i> , 2021 , 52, 3490-3496	6.7	1
536	Stent Retriever Thrombectomy for Anterior vs. Posterior Circulation Ischemic Stroke: Analysis of the STRATIS Registry. <i>Frontiers in Neurology</i> , 2021 , 12, 706130	4.1	1
535	Management of endovascular therapy for acute ischemic stroke amid the COVID-2019 pandemic: a multicenter survey in China. <i>Neurological Research</i> , 2021 , 43, 823-830	2.7	
534	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
533	Penumbra Consumption Rates Based on Time-to-Maximum Delay and Reperfusion Status: A Post Hoc Analysis of the DEFUSE 3 Trial. <i>Stroke</i> , 2021 , 52, 2690-2693	6.7	0
532	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
531	Primary results of the Vesalio NeVa VS for the Treatment of Symptomatic Cerebral Vasospasm following Aneurysm Subarachnoid Hemorrhage (VITAL) Study. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	3
530	Outcomes Among Patients With Reversible Cerebral Vasoconstriction Syndrome: A Nationwide United States Analysis. <i>Stroke</i> , 2021 , 52, 3970-3977	6.7	1
529	Risk Factors Control and Early Recurrent Cerebral Infarction in Patients with Symptomatic Intracranial Atherosclerotic Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105914	2.8	1
528	Serial ASPECTS in the DAWN Trial: Infarct Evolution and Clinical Impact. <i>Stroke</i> , 2021 , 52, 3318-3324	6.7	0
527	Existence and Significance of Internal Border Zone Infarcts with Accessory Lesions Located in the Anteromedial Temporal Lobe. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 106004	2.8	
526	Safety and Outcomes of Intravenous Thrombolytic Therapy in Ischemic Stroke Patients with COVID-19: CASCADE Initiative. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 106121	2.8	1
525	Stroke Care during the COVID-19 Pandemic: International Expert Panel Review. <i>Cerebrovascular Diseases</i> , 2021 , 50, 245-261	3.2	12

524	Mechanical thrombectomy with a novel device: initial clinical experience with the ANA thrombectomy device. <i>Journal of Neuroradiology</i> , 2020 ,	3.1	4
523	Mechanical Thrombectomy in the Era of the COVID-19 Pandemic: Emergency Preparedness for Neuroscience Teams: A Guidance Statement From the Society of Vascular and Interventional Neurology. <i>Stroke</i> , 2020 , 51, 1896-1901	6.7	64
522	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104938	2.8	17
521	Impact of EMS bypass to endovascular capable hospitals: geospatial modeling analysis of the US STRATIS registry. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1058-1063	7.8	6
520	Preserving stroke care during the COVID-19 pandemic: Potential issues and solutions. <i>Neurology</i> , 2020 , 95, 124-133	6.5	58
519	Is there Still a Time Window in the Treatment of Acute Stroke?. <i>Current Treatment Options in Neurology</i> , 2020 , 22, 1	4.4	
518	Thrombectomy for Stroke in the Public Health Care System of Brazil. <i>New England Journal of Medicine</i> , 2020 , 382, 2316-2326	59.2	52
517	Probing Estrogen Sulfotransferase-Mediated Inflammation with [11C]-PiB in the Living Human Brain. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 1023-1033	4.3	4
516	Collateral Recruitment Is Impaired by Cerebral Small Vessel Disease. <i>Stroke</i> , 2020 , 51, 1404-1410	6.7	19
515	Predictors and Functional Outcomes of Fast, Intermediate, and Slow Progression Among Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2020 , 51, 2553-2557	6.7	9
514	Hypoperfusion Distal to Anterior Circulation Intracranial Atherosclerosis is Associated with Recurrent Stroke. <i>Journal of Neuroimaging</i> , 2020 , 30, 468-470	2.8	7
513	COVID-19 and neurointerventional service worldwide: a survey of the European Society of Minimally Invasive Neurological Therapy (ESMINT), the Society of NeuroInterventional Surgery (SNIS), the Sociedad Ibero-latinoamericana de Neuroradiología Diagnóstica y Terapéutica (SILAN), the Society of Neurological Interventional Techniques (SNIT), and the Australasian Endovascular	7.8	17
512	Reperfusion Into Severely Damaged Brain Tissue Is Associated With Occurrence of Parenchymal Hemorrhage for Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020 , 11, 586	4.1	3
511	From "Time is Brain" to "Imaging is Brain": A Paradigm Shift in the Management of Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2020 , 30, 562-571	2.8	23
510	Intracranial Atherosclerosis Treatment: Past, Present, and Future. <i>Stroke</i> , 2020 , 51, e49-e53	6.7	10
509	Associations between systemic blood pressure parameters and intraplaque hemorrhage in symptomatic intracranial atherosclerosis: a high-resolution MRI-based study. <i>Hypertension Research</i> , 2020 , 43, 688-695	4.7	0
508	Poststroke Montreal Cognitive Assessment and Recurrent Stroke in Patients With Symptomatic Intracranial Atherosclerosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104663	2.8	3
507	Paramedic Global Impression of Change During Prehospital Evaluation and Transport for Acute Stroke. <i>Stroke</i> , 2020 , 51, 784-791	6.7	3

506	Public Health and Cost Benefits of Successful Reperfusion After Thrombectomy for Stroke. <i>Stroke</i> , 2020 , 51, 899-907	6.7	20
505	Collaterals in ischemic stroke. <i>Brain Hemorrhages</i> , 2020 , 1, 6-12	2.1	11
504	Proposal for Updated Nomenclature and Classification of Potential Causative Mechanism in Patent Foramen Ovale-Associated Stroke. <i>JAMA Neurology</i> , 2020 , 77, 878-886	17.2	38
503	Abstract TMP71: Marked Circadian Variation in Number and Type of Hyperacute Strokes During the 24 Hour Day-Night Cycle. <i>Stroke</i> , 2020 , 51,	6.7	1
502	Emerging therapies in acute ischemic stroke. <i>F1000Research</i> , 2020 , 9,	3.6	16
501	Recent updates in dyslipidemia management: perspectives in stroke-specific situation. <i>Precision and Future Medicine</i> , 2020 , 4, 9-20	1.1	2
500	Decision-Making Visual Aids for Late, Imaging-Guided Endovascular Thrombectomy for Acute Ischemic Stroke. <i>Journal of Stroke</i> , 2020 , 22, 377-386	5.6	2
499	Brain Hemodynamics. <i>Stroke Revisited</i> , 2020 , 215-232	0.1	
498	ACR Appropriateness Criteria□ Thoracic Outlet Syndrome. <i>Journal of the American College of Radiology</i> , 2020 , 17, S323-S334	3.5	8
497	ACR Appropriateness Criteria□ Seizures and Epilepsy. <i>Journal of the American College of Radiology</i> , 2020 , 17, S293-S304	3.5	4
496	Efficient Multimodal MRI Evaluation for Endovascular Thrombectomy of Anterior Circulation Large Vessel Occlusion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105271	2.8	1
495	National Institutes of Health StrokeNet Training Core. <i>Stroke</i> , 2020 , 51, 347-352	6.7	2
494	Endovascular treatment versus standard medical treatment for vertebrobasilar artery occlusion (BEST): an open-label, randomised controlled trial. <i>Lancet Neurology</i> , 2020 , 19, 115-122	24.1	158
493	Impact of Periprocedural and Technical Factors and Patient Characteristics on Revascularization and Outcome in the DAWN Trial. <i>Stroke</i> , 2020 , 51, 247-253	6.7	12
492	Neuroimaging of Acute Stroke. <i>Neurologic Clinics</i> , 2020 , 38, 185-199	4.5	5
491	Deep Learning Detection of Penumbra Tissue on Arterial Spin Labeling in Stroke. <i>Stroke</i> , 2020 , 51, 489-497	6.7	17
490	COVID-19 Era Stroke Service: Virtually Normal. <i>Current Treatment Options in Neurology</i> , 2020 , 22, 39	4.4	1
489	Reperfusion Therapy Frequency and Outcomes in Mild Ischemic Stroke in the United States. <i>Stroke</i> , 2020 , 51, 3241-3249	6.7	12

488	Natural History of Hemodynamics in Vertebrobasilar Disease: Temporal Changes in the VERITAS Study Cohort. <i>Stroke</i> , 2020 , 51, 3295-3301	6.7	3
487	Mechanisms of early Recurrence in Intracranial Atherosclerotic Disease (MyRIAD): Rationale and design. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105051	2.8	8
486	Patterns of Mechanical Thrombectomy for Stroke Before and After the 2015 Pivotal Trials and US National Guideline Update. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105292	2.8	7
485	Mechanisms of Stroke in COVID-19. <i>Cerebrovascular Diseases</i> , 2020 , 49, 451-458	3.2	99
484	Should posterior cerebral artery occlusions be recanalized? Insights from the Trevo Registry. <i>European Journal of Neurology</i> , 2020 , 27, 787-792	6	16
483	Endovascular thrombectomy 2020: open issues. <i>European Heart Journal Supplements</i> , 2020 , 22, M13-M18	5	1
482	Thrombectomy for Distal, Medium Vessel Occlusions: A Consensus Statement on Present Knowledge and Promising Directions. <i>Stroke</i> , 2020 , 51, 2872-2884	6.7	64
481	Mechanical thrombectomy using the new Tigertriever in acute ischemic stroke patients - A Swiss prospective multicenter study. <i>Interventional Neuroradiology</i> , 2020 , 26, 598-601	1.9	6
480	The professional and personal impact of the coronavirus pandemic on US neurointerventional practices: a nationwide survey. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 927-931	7.8	11
479	The Effect of Early Treatment with Intravenous Magnesium Sulfate on the Incidence of Cardiac Comorbidities in Hospitalized Stroke Patients. <i>Cardiovascular Therapeutics</i> , 2020 , 2020, 1494506	3.3	0
478	A Prehospital Acute Stroke Trial has Only Modest Impact on Enrollment in Concurrent, Post-arrival-Recruiting Stroke Trials. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 105200	2.8	
477	Regional High Wall Shear Stress Associated With Stenosis Regression in Symptomatic Intracranial Atherosclerotic Disease. <i>Stroke</i> , 2020 , 51, 3064-3073	6.7	10
476	Perfusion Parameter Thresholds That Discriminate Ischemic Core Vary with Time from Onset in Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1809-1815	4.4	4
475	Middle Meningeal Artery Embolization in Chronic Subdural Hematoma: Implications of Pathophysiology in Trial Design. <i>Frontiers in Neurology</i> , 2020 , 11, 923	4.1	14
474	Sustaining cerebral perfusion in intracranial atherosclerotic stenosis: The roles of antegrade residual flow and leptomeningeal collateral flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 126-134	7.3	13
473	Impact of Time on Thrombolysis in Cerebral Infarction Score Results. <i>Clinical Neuroradiology</i> , 2020 , 30, 345-353	2.7	6
472	Peri-procedural stroke or death in stenting of symptomatic severe intracranial stenosis. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 374-379	7.8	2
471	Physiologic predictors of collateral circulation and infarct growth during anesthesia - Detailed analyses of the GOLIATH trial. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 1203-1212	7.3	16

470	The impact of general anesthesia, baseline ASPECTS, time to treatment, and IV tPA on intracranial hemorrhage after neurothrombectomy: pooled analysis of the SWIFT PRIME, SWIFT, and STAR trials. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 2-6	7.8	10
469	Onset to reperfusion time as a determinant of outcomes across a wide range of ASPECTS in endovascular thrombectomy: pooled analysis of the SWIFT, SWIFT PRIME, and STAR studies. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 240-245	7.8	7
468	Incremental value of plaque enhancement in predicting stroke recurrence in symptomatic intracranial atherosclerosis. <i>Neuroradiology</i> , 2020 , 62, 1123-1131	3.2	5
467	Triage of Acute Ischemic Stroke in Confirmed COVID-19: Large Vessel Occlusion Associated With Coronavirus Infection. <i>Frontiers in Neurology</i> , 2020 , 11, 353	4.1	34
466	Imaging Patterns of Recurrent Infarction in the Mechanisms of Early Recurrence in Intracranial Atherosclerotic Disease (MyRIAD) Study. <i>Frontiers in Neurology</i> , 2020 , 11, 615094	4.1	2
465	Validation of the extended thrombolysis in cerebral infarction score in a real world cohort. <i>PLoS ONE</i> , 2019 , 14, e0210334	3.7	14
464	Blood Pressure Drop and Penumbra Tissue Loss in Nonrecanalized Emergent Large Vessel Occlusion. <i>Stroke</i> , 2019 , 50, 2677-2684	6.7	14
463	Clinical trials of neurointervention : 2007-2018. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 1277-1282	7.8	2
462	Predictors of Infarct Growth Measured by Apparent Diffusion Coefficient Quantification in Patients with Acute Ischemic Stroke. <i>World Neurosurgery</i> , 2019 , 123, e797-e802	2.1	4
461	Association of statin pretreatment with collateral circulation and final infarct volume in acute ischemic stroke patients: A meta-analysis. <i>Atherosclerosis</i> , 2019 , 282, 75-79	3.1	13
460	Association of Time From Stroke Onset to Groin Puncture With Quality of Reperfusion After Mechanical Thrombectomy: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2019 , 76, 405-411	17.2	72
459	Is Hemispheric Hypoperfusion a Treatable Cause of Cognitive Impairment?. <i>Current Cardiology Reports</i> , 2019 , 21, 4	4.2	13
458	Infarct Pattern, Perfusion Mismatch Thresholds, and Recurrent Cerebrovascular Events in Symptomatic Intracranial Stenosis. <i>Journal of Neuroimaging</i> , 2019 , 29, 640-644	2.8	10
457	STAIR X: Trial Design Considerations and Additional Populations to Expand Indications for Endovascular Treatment. <i>Stroke</i> , 2019 , STROKEAHA119024337	6.7	4
456	ACR Appropriateness Criteria Acute Mental Status Change, Delirium, and New Onset Psychosis. <i>Journal of the American College of Radiology</i> , 2019 , 16, S26-S37	3.5	9
455	Predictive analytics and machine learning in stroke and neurovascular medicine. <i>Neurological Research</i> , 2019 , 41, 681-690	2.7	15
454	Safety and Efficacy of Heparinization During Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019 , 10, 299	4.1	7
453	Hemodynamics and stroke risk in intracranial atherosclerotic disease. <i>Annals of Neurology</i> , 2019 , 85, 752-764	7.4	25

452	Impact of procedural time on clinical and angiographic outcomes in patients with acute ischemic stroke receiving endovascular treatment. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 984-988	7.8	23
451	The Addition of Atrial Fibrillation to the Los Angeles Motor Scale May Improve Prediction of Large Vessel Occlusion. <i>Journal of Neuroimaging</i> , 2019 , 29, 463-466	2.8	4
450	14th International Symposium on Thrombolysis, Thrombectomy and Acute Stroke Therapy: Proceedings and summary of discussions. <i>International Journal of Stroke</i> , 2019 , 14, 439-441	6.3	5
449	Vertebrobasilar Infarcts and Ischemia 2019 , 191-208		
448	Cerebral Edema Associated With Large Hemispheric Infarction. <i>Stroke</i> , 2019 , 50, 2619-2625	6.7	24
447	Response by Yaghi et al to Letter Regarding Article, "Intracranial Atherosclerotic Disease: Mechanisms and Therapeutic Implications". <i>Stroke</i> , 2019 , 50, e262	6.7	0
446	Sex Differences in Outcome After Endovascular Stroke Therapy for Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 2420-2427	6.7	34
445	Noncontrast Computed Tomography Alberta Stroke Program Early CT Score May Modify Intra-Arterial Treatment Effect in DAWN. <i>Stroke</i> , 2019 , 50, 2404-2412	6.7	12
444	Outcome in Direct Versus Transfer Patients in the DAWN Controlled Trial. <i>Stroke</i> , 2019 , 50, 2163-2167	6.7	7
443	Subject Retention in Prehospital Stroke Research Using a Telephone-Based Physician-Investigator Driven Enrollment Method. <i>Cerebrovascular Diseases Extra</i> , 2019 , 9, 72-76	2.1	1
442	Benefit of Endovascular Thrombectomy by Mode of Onset: Secondary Analysis of the DAWN Trial. <i>Stroke</i> , 2019 , 50, 3141-3146	6.7	11
441	Prognostic value of subclinical thyroid dysfunction in ischemic stroke patients treated with intravenous thrombolysis. <i>Aging</i> , 2019 , 11, 6839-6850	5.6	5
440	Impact of single phase CT angiography collateral status on functional outcome over time: results from the MR CLEAN Registry. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 866-873	7.8	24
439	Impact of Balloon Guide Catheter Use on Clinical and Angiographic Outcomes in the STRATIS Stroke Thrombectomy Registry. <i>Stroke</i> , 2019 , 50, 697-704	6.7	58
438	Middle Cerebral Artery Plaque Hyperintensity on T2-Weighted Vessel Wall Imaging Is Associated with Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2019 , 40, 1886-1892	4.4	5
437	Vessel Wall Imaging of Cerebrovascular Disorders. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2019 , 21, 65	2.1	7
436	One-Stop Management of 230 Consecutive Acute Stroke Patients: Report of Procedural Times and Clinical Outcome. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	16
435	eTICI reperfusion: defining success in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 433-438	7.8	131

434	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	24.1	156
433	Association of Cardioembolism and Intracranial Arterial Stenosis with Outcomes of Mechanical Thrombectomy in Acute Ischemic Stroke. <i>World Neurosurgery</i> , 2019 , 121, e154-e158	2.1	4
432	What Threshold Defines Penumbra Brain Tissue in Patients with Symptomatic Anterior Circulation Intracranial Stenosis: An Exploratory Analysis. <i>Journal of Neuroimaging</i> , 2019 , 29, 203-205	2.8	12
431	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, 194-202	17.2	41
430	Standards of practice in acute ischemic stroke intervention: International recommendations. <i>Interventional Neuroradiology</i> , 2019 , 25, 31-37	1.9	3
429	Emergent Management of Tandem Lesions in Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 428-433	6.7	47
428	Hypoperfusion Symptoms Poorly Predict Hemodynamic Compromise and Stroke Risk in Vertebrobasilar Disease. <i>Stroke</i> , 2019 , 50, 495-497	6.7	6
427	Single-phase CT angiography: collateral grade is independent of scan weighting. <i>Neuroradiology</i> , 2019 , 61, 19-28	3.2	5
426	Collateral perfusion using arterial spin labeling in symptomatic versus asymptomatic middle cerebral artery stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 108-117	7.3	12
425	Los Angeles Motor Scale to Identify Large Vessel Occlusion: Prehospital Validation and Comparison With Other Screens. <i>Stroke</i> , 2018 , 49, 565-572	6.7	66
424	Early Blood-Brain Barrier Disruption after Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2018 , 28, 283-288	2.8	24
423	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	7.8	54
422	Frequency of Patent Foramen Ovale and Migraine in Patients With Cryptogenic Stroke. <i>Stroke</i> , 2018 , 49, 1123-1128	6.7	49
421	Pseudo-Occlusion of the Internal Carotid Artery Predicts Poor Outcome After Reperfusion Therapy. <i>Stroke</i> , 2018 , 49, 1204-1209	6.7	6
420	HeadPoST: Rightly positioned, or flat out wrong?. <i>Neurology</i> , 2018 , 90, 885-889	6.5	10
419	Association Between Hyperacute Stage Blood Pressure Variability and Outcome in Patients With Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2018 , 49, 348-354	6.7	55
418	Anterior Borderzone Angle for Hemodynamic Collateral Metric in Patients with Symptomatic Middle Cerebral Artery Stenosis. <i>European Neurology</i> , 2018 , 79, 45-53	2.1	2
417	Presence of multi-segment clot sign on dynamic CT angiography: a predictive imaging marker of recanalisation and good outcome in acute ischaemic stroke patients. <i>European Radiology</i> , 2018 , 28, 3413-3421 ^o	8.8	421

416	ASPECTS-based reperfusion status on arterial spin labeling is associated with clinical outcome in acute ischemic stroke patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 382-392	7.3	16
415	Venous collateral drainage patterns predict clinical worsening in dural venous sinus thrombosis. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 171-175	7.8	5
414	Mapping the collaterome for precision cerebrovascular health: Theranostics in the continuum of stroke and dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1449-1460	7.3	12
413	Factors Associated with 90-Day Outcomes of Patients with Acute Posterior Circulation Stroke Treated By Mechanical Thrombectomy. <i>World Neurosurgery</i> , 2018 , 109, e318-e328	2.1	41
412	The role of neuroimaging in elucidating the pathophysiology of cerebral ischemia. <i>Neuropharmacology</i> , 2018 , 134, 249-258	5.5	9
411	Frequency, Predictors, and Outcomes of Prehospital and Early Postarrival Neurological Deterioration in Acute Stroke: Exploratory Analysis of the FAST-MAG Randomized Clinical Trial. <i>JAMA Neurology</i> , 2018 , 75, 1364-1374	17.2	25
410	Impact of Lesion Load Thresholds on Alberta Stroke Program Early Computed Tomographic Score in Diffusion-Weighted Imaging. <i>Frontiers in Neurology</i> , 2018 , 9, 273	4.1	2
409	The Frequency of Substantial Salvageable Penumbra in Thrombectomy-ineligible Patients with Acute Stroke. <i>Journal of Neuroimaging</i> , 2018 , 28, 676-682	2.8	2
408	Carotid revascularization and medical management for asymptomatic carotid stenosis - Hemodynamics (CREST-H): Study design and rationale. <i>International Journal of Stroke</i> , 2018 , 13, 985-991	6.3	25
407	Artificial intelligence in stroke care: Deep learning or superficial insight?. <i>EBioMedicine</i> , 2018 , 35, 14-15	8.8	7
406	Incidence, Etiology, and Outcomes of Altered Mental Status in the Perioperative Setting of Liver Transplantation. <i>Neurohospitalist, The</i> , 2018 , 8, 124-128	1.1	1
405	Aspiring to an improved aspiration literature. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 923-924	7.8	0
404	Abstract 90: Geometric Characteristics of Middle Cerebral Artery Atherosclerosis and Clinical Stroke. <i>Stroke</i> , 2018 , 49,	6.7	1
403	Commentary: Theranostics for stroke: Precision medicine is about tailoring therapy to the mechanism of ischemia. <i>Neurology India</i> , 2018 , 66, 526-528	0.7	1
402	A review of the diagnosis and management of vertebral basilar (posterior) circulation disease. <i>Surgical Neurology International</i> , 2018 , 9, 106	1	10
401	Hemodynamic Markers in the Anterior Circulation as Predictors of Recurrent Stroke in Patients With Intracranial Stenosis. <i>Stroke</i> , 2018 , STROKEAHA118020840	6.7	31
400	Decreased Signal Intensity Ratio on MRA Reflects Misyery Perfusion on SPECT in Patients with Intracranial Stenosis. <i>Journal of Neuroimaging</i> , 2018 , 28, 206-211	2.8	5
399	Mechanical thrombectomy and rescue therapy for intracranial large artery occlusion with underlying atherosclerosis. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 746-750	7.8	68

398	Visual Aids for Patient, Family, and Physician Decision Making About Endovascular Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2018 , 49, 90-97	6.7	11
397	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , 2018 , 378, 11-21	59.2	2503
396	Periprocedural heparin use in acute ischemic stroke endovascular therapy: the TREVO 2 trial. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 611-614	7.8	21
395	Microcatheter contrast injection in stent retriever neurothrombectomy is safe and useful: insights from SWIFT PRIME. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 615-619	7.8	2
394	Relative cerebral blood volume is associated with collateral status and infarct growth in stroke patients in SWIFT PRIME. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1839-1847	7.3	42
393	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1391-1417	7.3	33
392	ACR Appropriateness Criteria Hearing Loss and/or Vertigo. <i>Journal of the American College of Radiology</i> , 2018 , 15, S321-S331	3.5	9
391	Trevo 2000: Results of a Large Real-World Registry for Stent Retriever for Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2018 , 7, e010867	6	25
390	Association of anemia and hemoglobin decrease during acute stroke treatment with infarct growth and clinical outcome. <i>PLoS ONE</i> , 2018 , 13, e0203535	3.7	15
389	STAIR X: Emerging Considerations in Developing and Evaluating New Stroke Therapies. <i>Stroke</i> , 2018 , 49, 2241-2247	6.7	14
388	Middle cerebral artery geometric features are associated with plaque distribution and stroke. <i>Neurology</i> , 2018 , 91, e1760-e1769	6.5	7
387	A Machine Learning Approach to Perfusion Imaging With Dynamic Susceptibility Contrast MR. <i>Frontiers in Neurology</i> , 2018 , 9, 717	4.1	17
386	Impact of Hyperglycemia According to the Collateral Status on Outcomes in Mechanical Thrombectomy. <i>Stroke</i> , 2018 , 49, 2706-2714	6.7	30
385	Reporting and Dissemination of Clinical Trials in Neurology. <i>JAMA Neurology</i> , 2018 , 75, 1573	17.2	2
384	miR-27a-3p protects against blood-brain barrier disruption and brain injury after intracerebral hemorrhage by targeting endothelial aquaporin-11. <i>Journal of Biological Chemistry</i> , 2018 , 293, 20041-20050	5.4	52
383	Big Data for a Big Problem: Precision Medicine of Stroke in Neurocritical Care. <i>Critical Care Medicine</i> , 2018 , 46, 1189-1191	1.4	4
382	Resting-State Functional Connectivity Magnetic Resonance Imaging and Outcome After Acute Stroke. <i>Stroke</i> , 2018 , 49, 2353-2360	6.7	35
381	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	6.7	38

380	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology, The</i> , 2018 , 17, 895-904	24.1	179
379	Regional Contributions to Poststroke Disability in Endovascular Therapy. <i>Interventional Neurology</i> , 2018 , 7, 533-543	3	11
378	The importance of comorbidities in ischemic stroke: Impact of hypertension on the cerebral circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 2129-2149	7.3	79
377	Validation of collateral scoring on flat-detector multiphase CT angiography in patients with acute ischemic stroke. <i>PLoS ONE</i> , 2018 , 13, e0202592	3.7	11
376	Late recanalisation beyond 24 hours is associated with worse outcome: an observational study. <i>European Radiology</i> , 2017 , 27, 24-31	8	
375	Utilization of Emergent Neuroimaging for Thrombolysis-Eligible Stroke Patients. <i>Journal of Neuroimaging</i> , 2017 , 27, 59-64	2.8	16
374	Novel methodology to replicate clot analogs with diverse composition in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 486-491	7.8	70
373	Cerebral Microbleeds and Risk of Intracerebral Hemorrhage Post Intravenous Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 538-544	2.8	22
372	Multiparametric Magnetic Resonance Imaging for Prediction of Parenchymal Hemorrhage in Acute Ischemic Stroke After Reperfusion Therapy. <i>Stroke</i> , 2017 , 48, 664-670	6.7	22
371	Imaging as the Nidus of Precision Cerebrovascular Health: A Million Brains Initiative. <i>JAMA Neurology</i> , 2017 , 74, 257-258	17.2	14
370	Impact of immediate post-reperfusion cooling on outcome in patients with acute stroke and substantial ischemic changes. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 21-25	7.8	15
369	Factors associated with perforator stroke after selective basilar artery angioplasty or stenting. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 738-742	7.8	8
368	Combined Intravenous Thrombolysis and Thrombectomy vs Thrombectomy Alone for Acute Ischemic Stroke: A Pooled Analysis of the SWIFT and STAR Studies. <i>JAMA Neurology</i> , 2017 , 74, 268-274	17.2	152
367	Field Validation of the Los Angeles Motor Scale as a Tool for Paramedic Assessment of Stroke Severity. <i>Stroke</i> , 2017 , 48, 298-306	6.7	24
366	Safety of endovascular treatment in acute stroke patients taking oral anticoagulants. <i>International Journal of Stroke</i> , 2017 , 12, 412-415	6.3	9
365	Reporting Compliance of Stroke Trials: Cross-Sectional Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 1472-1480	2.8	7
364	Novel Screening Tool for Stroke Using Artificial Neural Network. <i>Stroke</i> , 2017 , 48, 1678-1681	6.7	52
363	Biomarkers of Acute Stroke Etiology (BASE) Study Methodology. <i>Translational Stroke Research</i> , 2017 , 8, 424	7.8	13

362	Impact of perfusion lesion in corticospinal tract on response to reperfusion. <i>European Radiology</i> , 2017 , 27, 5280-5289	8	6
361	. <i>American Journal of Neuroradiology</i> , 2017 , 38, E44-E45	4.4	
360	Cortical Microinfarcts in Patients with Middle Cerebral Artery Stenosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 1760-1765	2.8	6
359	Paramedic Initiation of Neuroprotective Agent Infusions: Successful Achievement of Target Blood Levels and Attained Level Effect on Clinical Outcomes in the FAST-MAG Pivotal Trial (Field Administration of Stroke Therapy - Magnesium). <i>Stroke</i> , 2017 , 48, 1901-1907	6.7	10
358	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	6.3	101
357	Overestimation of Susceptibility Vessel Sign: A Predictive Marker of Stroke Cause. <i>Stroke</i> , 2017 , 48, 1993-1996	27	
356	Diffusion-weighted imaging or computerized tomography perfusion assessment with clinical mismatch in the triage of wake up and late presenting strokes undergoing neurointervention with Trevo (DAWN) trial methods. <i>International Journal of Stroke</i> , 2017 , 12, 641-652	6.3	119
355	Acute basilar artery occlusion: Endovascular Interventions versus Standard Medical Treatment (BEST) Trial-Design and protocol for a randomized, controlled, multicenter study. <i>International Journal of Stroke</i> , 2017 , 12, 779-785	6.3	36
354	Performance of computed tomography angiography to determine anterograde and collateral blood flow status in patients with symptomatic middle cerebral artery stenosis. <i>Interventional Neuroradiology</i> , 2017 , 23, 267-273	1.9	5
353	A Dedicated Spanish Language Line Increases Enrollment of Hispanics Into Prehospital Clinical Research. <i>Stroke</i> , 2017 , 48, 1389-1391	6.7	5
352	Collaterals 2016: Translating the collaterome around the globe. <i>International Journal of Stroke</i> , 2017 , 12, 338-342	6.3	5
351	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , 2017 , 59, 343-351	3.2	80
350	Safety and efficacy of multipotent adult progenitor cells in acute ischaemic stroke (MASTERS): a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , 2017 , 16, 360-368	24.1	190
349	Atypical case of perimesencephalic subarachnoid hemorrhage. <i>Neuropathology</i> , 2017 , 37, 272-274	2	2
348	Multicentric Reticulohistiocytosis: an Unknown Source of Embolic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, e22-e24	2.8	2
347	Principles of precision medicine in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 54-61	5.5	41
346	Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome: a systematic review. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 529-534	7.8	150
345	Interhospital Transfer Before Thrombectomy Is Associated With Delayed Treatment and Worse Outcome in the STRATIS Registry (Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke). <i>Circulation</i> , 2017 , 136, 2311-2321	16.7	217

344	Remote Ischemic Conditioning May Improve Outcomes of Patients With Cerebral Small-Vessel Disease. <i>Stroke</i> , 2017 , 48, 3064-3072	6.7	65
343	MicroRNA-126-3p attenuates blood-brain barrier disruption, cerebral edema and neuronal injury following intracerebral hemorrhage by regulating PIK3R2 and Akt. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 494, 144-151	3.4	53
342	High-permeability region size on perfusion CT predicts hemorrhagic transformation after intravenous thrombolysis in stroke. <i>PLoS ONE</i> , 2017 , 12, e0188238	3.7	12
341	Multi-delay ASL can identify leptomeningeal collateral perfusion in endovascular therapy of ischemic stroke. <i>Oncotarget</i> , 2017 , 8, 2437-2443	3.3	27
340	Impact of Baseline Ischemia on Outcome in Older Patients Undergoing Endovascular Therapy for Acute Ischemic Stroke. <i>Journal of Clinical Neurology (Korea)</i> , 2017 , 13, 162-169	1.7	3
339	Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke: Primary Results of the STRATIS Registry. <i>Stroke</i> , 2017 , 48, 2760-2768	6.7	113
338	Noninvasive fractional flow in intracranial atherosclerotic stenosis: Reproducibility, limitations, and perspectives. <i>Journal of the Neurological Sciences</i> , 2017 , 381, 150-152	3.2	7
337	Recanalization, reperfusion, and recirculation in stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 3818-3823	7.3	8
336	The Role of Diabetes, Obesity, and Metabolic Syndrome in Stroke. <i>Seminars in Neurology</i> , 2017 , 37, 267-273	3.7	8
335	Low-Dose Tirofiban Improves Functional Outcome in Acute Ischemic Stroke Patients Treated With Endovascular Thrombectomy. <i>Stroke</i> , 2017 , 48, 3289-3294	6.7	69
334	Restrictive Arteriopathy in Late-Onset Pompe Disease: Case Report and Review of the Literature. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, e172-e175	2.8	7
333	Higher Stroke Risk with Lower Blood Pressure in Hemodynamic Vertebrobasilar Disease: Analysis from the VERITAS Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 403-410	2.8	17
332	Pittsburgh response to endovascular therapy score as a pre-treatment prognostic tool: External validation in Trevo2. <i>International Journal of Stroke</i> , 2017 , 12, 494-501	6.3	7
331	Heads Up! A Novel Provocative Maneuver to Guide Acute Ischemic Stroke Management. <i>Interventional Neurology</i> , 2017 , 6, 8-15	3	14
330	Endovascular Therapy of M2 Occlusion in IMS III: Role of M2 Segment Definition and Location on Clinical and Revascularization Outcomes. <i>American Journal of Neuroradiology</i> , 2017 , 38, 84-89	4.4	23
329	Lesion Size and Perspective in Acute Ischemic Stroke: Shades of Gray. <i>JAMA Neurology</i> , 2017 , 74, 15-17	17.2	2
328	Atypical case of central-variant posterior reversible encephalopathy syndrome. <i>Acta Neurologica Belgica</i> , 2017 , 117, 413-415	1.5	2
327	Antiplatelet and Anticoagulant Therapies for Prevention of Ischemic Stroke. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2017 , 23, 301-318	3.3	32

326	Sigmoid Sinus Characteristics Correlate with Early Clinical and Imaging Surrogates in Anterior Circulation Ischemic Stroke. <i>Molecular Neurobiology</i> , 2017 , 54, 5583-5589	6.2	1
325	Peptide Composition of Stroke Causing Emboli Correlate with Serum Markers of Atherosclerosis and Inflammation. <i>Frontiers in Neurology</i> , 2017 , 8, 427	4.1	14
324	Duplicated origin of vertebral artery. <i>Neurology India</i> , 2017 , 65, 679-680	0.7	1
323	Relevance of the cerebral collateral circulation in ischaemic stroke: time is brain, but collaterals set the pace. <i>Swiss Medical Weekly</i> , 2017 , 147, w14538	3.1	33
322	Non-Vitamin K Oral Anticoagulants in Stroke Patients: Practical Issues. <i>Journal of Stroke</i> , 2017 , 19, 104-106	1.6	2
321	Recent Success with Endovascular Stroke Therapy. <i>Translational Medicine Research</i> , 2017 , 29-39		
320	Mechanical thrombectomy for acute ischemic stroke with cerebral microbleeds. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 563-7	7.8	15
319	Unfavorable neurological outcome in diabetic patients with acute ischemic stroke is associated with incomplete recanalization after intravenous thrombolysis. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 342-6	7.8	15
318	Imaging of cerebrovascular disorders: precision medicine and the collaterome. <i>Annals of the New York Academy of Sciences</i> , 2016 , 1366, 40-8	6.5	17
317	Intracranial Arteries - Anatomy and Collaterals. <i>Frontiers of Neurology and Neuroscience</i> , 2016 , 40, 1-20	1.1	5
316	Stroke Treatment Academic Industry Roundtable Recommendations for Individual Data Pooling Analyses in Stroke. <i>Stroke</i> , 2016 , 47, 2154-9	6.7	6
315	Response by Hwang et al to Letter Regarding Article, "Impact of Target Arterial Residual Stenosis on Outcome After Endovascular Revascularization". <i>Stroke</i> , 2016 , 47, e241	6.7	0
314	Recanalization and Angiographic Reperfusion Are Both Associated with a Favorable Clinical Outcome in the IMS III Trial. <i>Interventional Neurology</i> , 2016 , 5, 118-122	3	8
313	Collateral flow as causative of good outcomes in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 2-7	7.8	45
312	Successful recanalization for acute ischemic stroke via the transbrachial approach. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 122-5	7.8	16
311	Early arrival at the emergency department is associated with better collaterals, smaller established infarcts and better clinical outcomes with endovascular stroke therapy: SWIFT study. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 553-8	7.8	31
310	Identification of imaging selection patterns in acute ischemic stroke patients and the influence on treatment and clinical trial enrollment decision making. <i>International Journal of Stroke</i> , 2016 , 11, 180-90	6.3	4
309	Effect of endovascular reperfusion in relation to site of arterial occlusion. <i>Neurology</i> , 2016 , 86, 762-70	6.5	28

308	Thrombus Length Estimation on Delayed Gadolinium-Enhanced T1. <i>Stroke</i> , 2016 , 47, 756-61	6.7	19
307	Association Between CT Angiogram Collaterals and CT Perfusion in the Interventional Management of Stroke III Trial. <i>Stroke</i> , 2016 , 47, 535-8	6.7	48
306	Impact of Collateral Status on Successful Revascularization in Endovascular Treatment: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2016 , 41, 27-34	3.2	59
305	Cerebral Angiography 2016 , 790-805		1
304	Early Magnetic Resonance Imaging Predicts Early Neurological Deterioration in Acute Middle Cerebral Artery Minor Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 469-74	2.8	5
303	Intracranial Atherosclerosis 2016 , 205-232		1
302	The coffee paradox in stroke: Increased consumption linked with fewer strokes. <i>Nutritional Neuroscience</i> , 2016 , 19, 406-413	3.6	18
301	Multimodal CT techniques for cerebrovascular and hemodynamic evaluation of ischemic stroke: occlusion, collaterals, and perfusion. <i>Expert Review of Neurotherapeutics</i> , 2016 , 16, 515-25	4.3	6
300	Enrollment Yield and Reasons for Screen Failure in a Large Prehospital Stroke Trial. <i>Stroke</i> , 2016 , 47, 232-5	6.7	8
299	Arterial Spin Labeling Magnetic Resonance Imaging Estimation of Antegrade and Collateral Flow in Unilateral Middle Cerebral Artery Stenosis. <i>Stroke</i> , 2016 , 47, 428-33	6.7	28
298	Effect of Hemodynamics on Stroke Risk in Symptomatic Atherosclerotic Vertebrobasilar Occlusive Disease. <i>JAMA Neurology</i> , 2016 , 73, 178-85	17.2	78
297	Mechanical Thrombectomy for Isolated M2 Occlusions: A Post Hoc Analysis of the STAR, SWIFT, and SWIFT PRIME Studies. <i>American Journal of Neuroradiology</i> , 2016 , 37, 667-72	4.4	95
296	Enrollment bias: frequency and impact on patient selection in endovascular stroke trials. <i>Journal of NeuroInterventional Surgery</i> , 2016 , 8, 353-9	7.8	6
295	Impact of collaterals on the efficacy and safety of endovascular treatment in acute ischaemic stroke: a systematic review and meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 537-44	5.5	68
294	Abstract 103: Infarct Patterns in the Anterior Circulation as Predictors of Recurrent Stroke in the Medical Arm of SAMMPRIS. <i>Stroke</i> , 2016 , 47,	6.7	2
293	Imaging of Ischemic Stroke. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2016 , 22, 1399-1423	3	19
292	Interaction of incidental microbleeds and prior use of antithrombotics with early hemorrhagic transformation: Causative or protective?. <i>Annals of Indian Academy of Neurology</i> , 2016 , 19, 467-471	0.9	2
291	Wake-up stroke: Dawn of a new era. <i>Brain Circulation</i> , 2016 , 2, 72-79	2.7	10

290	Emergency Carotid Artery Stenting in Acute Ischemic Stroke. <i>Journal of Neuroendovascular Therapy</i> , 2016 , 10, 5-12	0.2	3
289	Perfusion Angiography in Acute Ischemic Stroke. <i>Computational and Mathematical Methods in Medicine</i> , 2016 , 2016, 2478324	2.8	22
288	Sudden neurologic deficit. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 136, 857-72	3	
287	Crowdsourcing Precision Cerebrovascular Health: Imaging and Cloud Seeding A Million Brains Initiative. <i>Frontiers in Medicine</i> , 2016 , 3, 62	4.9	6
286	Blood Pressure in Acute Ischemic Stroke. <i>Journal of Clinical Neurology (Korea)</i> , 2016 , 12, 137-46	1.7	44
285	Hemodynamic Impact of Systolic Blood Pressure and Hematocrit Calculated by Computational Fluid Dynamics in Patients with Intracranial Atherosclerosis. <i>Journal of Neuroimaging</i> , 2016 , 26, 331-8	2.8	12
284	Extraction of Vascular Intensity Directional Derivative on Computed Tomography Angiography. <i>Lecture Notes in Computer Science</i> , 2016 , 497-506	0.9	
283	Endovascular Hypothermia in Acute Ischemic Stroke: Pilot Study of Selective Intra-Arterial Cold Saline Infusion. <i>Stroke</i> , 2016 , 47, 1933-5	6.7	65
282	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials: Consensus Recommendations and Further Research Priorities. <i>Stroke</i> , 2016 , 47, 1389-98	6.7	77
281	Impact of Target Arterial Residual Stenosis on Outcome After Endovascular Revascularization. <i>Stroke</i> , 2016 , 47, 1850-7	6.7	57
280	Fractional Flow Assessment for the Evaluation of Intracranial Atherosclerosis: A Feasibility Study. <i>Interventional Neurology</i> , 2016 , 5, 65-75	3	18
279	Stroke Treatment Academic Industry Roundtable: The Next Generation of Endovascular Trials. <i>Stroke</i> , 2016 , 47, 2656-65	6.7	38
278	Characteristics and Outcomes of Very Elderly Enrolled in a Prehospital Stroke Research Study. <i>Stroke</i> , 2016 , 47, 2737-2741	6.7	9
277	Fluid-Attenuated Inversion Recovery Vascular Hyperintensity Topography, Novel Imaging Marker for Revascularization in Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2016 , 47, 2763-2769	6.7	30
276	Imaging of MELAS. <i>Current Pain and Headache Reports</i> , 2016 , 20, 54	4.2	30
275	Postischemic hyperperfusion on arterial spin labeled perfusion MRI is linked to hemorrhagic transformation in stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 630-7	7.3	74
274	Hemodynamic Features of Symptomatic Vertebrobasilar Disease. <i>Stroke</i> , 2015 , 46, 1850-6	6.7	35
273	M2 occlusions as targets for endovascular therapy: comprehensive analysis of diffusion/perfusion MRI, angiography, and clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 478-83	7.8	54

272	Lower serum calcium level is associated with hemorrhagic transformation after thrombolysis. <i>Stroke</i> , 2015 , 46, 1359-1361	6.7	16
271	Relative Influence of Capillary Index Score, Revascularization, and Time on Stroke Outcomes From the Interventional Management of Stroke III Trial. <i>Stroke</i> , 2015 , 46, 1590-4	6.7	16
270	Collaterals in endovascular therapy for stroke. <i>Current Opinion in Neurology</i> , 2015 , 28, 10-5	7.1	30
269	Mechanical recanalization in basilar artery occlusion: the ENDOSTROKE study. <i>Annals of Neurology</i> , 2015 , 77, 415-24	9.4	212
268	Vascular Neurologists as Directors of Stroke Centers in the United States. <i>Stroke</i> , 2015 , 46, 2654-6	6.7	3
267	Treatment and Outcome of Thrombolysis-Related Hemorrhage: A Multicenter Retrospective Study. <i>JAMA Neurology</i> , 2015 , 72, 1451-7	17.2	59
266	Early Loss of Immediate Reperfusion While Stent Retriever in Place Predicts Successful Final Reperfusion in Acute Ischemic Stroke Patients. <i>Stroke</i> , 2015 , 46, 3266-9	6.7	15
265	Collateral Circulation in Ischemic Stroke: Assessment Tools and Therapeutic Strategies. <i>Stroke</i> , 2015 , 46, 3302-9	6.7	149
264	Encephaloduroarteriosynangiosis for adult intracranial arterial steno-occlusive disease: long-term single-center experience with 107 operations. <i>Journal of Neurosurgery</i> , 2015 , 123, 654-61	3.2	32
263	Computed Tomography Perfusion in Acute Ischemic Stroke: Is It Ready for Prime Time?. <i>Stroke</i> , 2015 , 46, 2364-7	6.7	10
262	Determinants of Intracranial Hemorrhage Occurrence and Outcome after Neurothrombectomy Therapy: Insights from the Solitaire FR With Intention For Thrombectomy Randomized Trial. <i>American Journal of Neuroradiology</i> , 2015 , 36, 2303-7	4.4	19
261	Imaging Acute Ischemic Stroke: Mapping Present and Future Clinical Practice. <i>Current Atherosclerosis Reports</i> , 2015 , 17, 50	6	
260	Imaging of prehospital stroke therapeutics. <i>Expert Review of Cardiovascular Therapy</i> , 2015 , 13, 1001-15	2.5	6
259	Feasibility and Safety of Using External Counterpulsation to Augment Cerebral Blood Flow in Acute Ischemic Stroke-The Counterpulsation to Upgrade Forward Flow in Stroke (CUFFS) Trial. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015 , 24, 2596-604	2.8	7
258	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, 1239-44	6.7	90
257	Endovascular revascularization results in IMS III: intracranial ICA and M1 occlusions. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 795-802	7.8	28
256	Outcomes of tailored angioplasty and/or stenting for symptomatic intracranial atherosclerosis: a prospective cohort study after SAMMPRIS. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 331-5	7.8	41
255	Noninvasive fractional flow on MRA predicts stroke risk of intracranial stenosis. <i>Journal of Neuroimaging</i> , 2015 , 25, 87-91	2.8	43

254	Carotid I \odot , L \odot and T \odot : collaterals shape the outcome of intracranial carotid occlusion in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 402-7	7.8	41
253	Predictors and clinical relevance of hemorrhagic transformation after endovascular therapy for anterior circulation large vessel occlusion strokes: a multicenter retrospective analysis of 1122 patients. <i>Journal of NeuroInterventional Surgery</i> , 2015 , 7, 16-21	7.8	116
252	International survey of acute stroke imaging used to make revascularization treatment decisions. <i>International Journal of Stroke</i> , 2015 , 10, 759-62	6.3	40
251	Innovative Interventional and Imaging Registries: Precision Medicine in Cerebrovascular Disorders. <i>Interventional Neurology</i> , 2015 , 4, 5-17	3	10
250	Noninvasive Qureshi Grading Scheme Predicts 90-Day mRS in Patients with Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2015 , 25, 761-5	2.8	1
249	Computational fluid dynamics of computed tomography angiography to detect the hemodynamic impact of intracranial atherosclerotic stenosis. <i>Neurovascular Imaging</i> , 2015 , 1,		10
248	Imaging in Endovascular Stroke Trials. <i>Journal of Neuroimaging</i> , 2015 , 25, 517-27	2.8	27
247	Reply: To PMID 25516154. <i>Annals of Neurology</i> , 2015 , 78, 833-4	9.4	
246	Data science of stroke imaging and enlightenment of the penumbra. <i>Frontiers in Neurology</i> , 2015 , 6, 8	4.1	19
245	Image More to Save More. <i>Frontiers in Neurology</i> , 2015 , 6, 156	4.1	3
244	Targeted Lipid Profiling Discovers Plasma Biomarkers of Acute Brain Injury. <i>PLoS ONE</i> , 2015 , 10, e0129735		37
243	State of acute endovascular therapy: report from the 12th thrombolysis, thrombectomy, and acute stroke therapy conference. <i>Stroke</i> , 2015 , 46, 1727-34	6.7	25
242	Imaging in StrokeNet: Realizing the Potential of Big Data. <i>Stroke</i> , 2015 , 46, 2000-6	6.7	21
241	Deep Learning of Tissue Fate Features in Acute Ischemic Stroke 2015 , 2015, 1316-1321	0.8	32
240	Response to letter regarding article, "Art of expertise in stroke telemedicine: imaging and the collaterome". <i>Stroke</i> , 2015 , 46, e152	6.7	
239	Routing Ambulances to Designated Centers Increases Access to Stroke Center Care and Enrollment in Prehospital Research. <i>Stroke</i> , 2015 , 46, 2886-90	6.7	17
238	DWI Lesion Patterns Predict Outcome in Stroke Patients with Thrombolysis. <i>Cerebrovascular Diseases</i> , 2015 , 40, 279-285	3.2	10
237	Detection of Hyperperfusion on Arterial Spin Labeling using Deep Learning 2015 , 2015, 1322-1327	0.8	4

236	Prehospital use of magnesium sulfate as neuroprotection in acute stroke. <i>New England Journal of Medicine</i> , 2015 , 372, 528-36	59.2	242
235	Collateral vessels in proximal middle cerebral artery occlusion: the ENDOSTROKE study. <i>Radiology</i> , 2015 , 274, 851-8	20.5	58
234	Imaging of occlusive thrombi in acute ischemic stroke. <i>International Journal of Stroke</i> , 2015 , 10, 298-305	6.3	21
233	Nephrotic syndrome. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2014 , 119, 405-15	3	5
232	"Imaging Evaluation of Collaterals in the Brain: Physiology and Clinical Translation". <i>Current Radiology Reports</i> , 2014 , 2, 29	0.5	30
231	Imaging of cerebral ischemia: from acute stroke to chronic disorders. <i>Neurologic Clinics</i> , 2014 , 32, 193-202	4.5	10
230	What are the potential implications of identifying intracranial internal carotid artery atherosclerotic lesions on cone-beam computed tomography? A systematic review and illustrative case studies. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 2167-77	1.8	11
229	Predictors of functional dependence despite successful revascularization in large-vessel occlusion strokes. <i>Stroke</i> , 2014 , 45, 1977-84	6.7	77
228	Thrombolysis in ischemic stroke without arterial occlusion at presentation. <i>Stroke</i> , 2014 , 45, 2722-7	6.7	33
227	Stroke in primary hyperoxaluria type I. <i>Journal of Neuroimaging</i> , 2014 , 24, 411-3	2.8	8
226	Morphology of susceptibility vessel sign predicts middle cerebral artery recanalization after intravenous thrombolysis. <i>Stroke</i> , 2014 , 45, 2795-7	6.7	16
225	Pretreatment blood-brain barrier damage and post-treatment intracranial hemorrhage in patients receiving intravenous tissue-type plasminogen activator. <i>Stroke</i> , 2014 , 45, 2030-5	6.7	55
224	Evaluating intracranial atherosclerosis rather than intracranial stenosis. <i>Stroke</i> , 2014 , 45, 645-51	6.7	67
223	Computational fluid dynamics modeling of symptomatic intracranial atherosclerosis may predict risk of stroke recurrence. <i>PLoS ONE</i> , 2014 , 9, e97531	3.7	41
222	Collateral lessons from recent acute ischemic stroke trials. <i>Neurological Research</i> , 2014 , 36, 397-402	2.7	40
221	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, 83-6	7.8	136
220	Developing precision stroke imaging. <i>Frontiers in Neurology</i> , 2014 , 5, 29	4.1	13
219	Mechanical thrombectomy versus intrasinus thrombolysis for cerebral venous sinus thrombosis: a non-randomized comparison. <i>Interventional Neuroradiology</i> , 2014 , 20, 336-44	1.9	44

218	Data considerations in ischemic stroke trials. <i>Neurological Research</i> , 2014 , 36, 423-6	2.7	5
217	The THRIVE score strongly predicts outcomes in patients treated with the Solitaire device in the SWIFT and STAR trials. <i>International Journal of Stroke</i> , 2014 , 9, 698-704	6.3	11
216	Methodology of the Field Administration of Stroke Therapy - Magnesium (FAST-MAG) phase 3 trial: Part 2 - prehospital study methods. <i>International Journal of Stroke</i> , 2014 , 9, 220-5	6.3	48
215	Recanalization and clinical outcome of occlusion sites at baseline CT angiography in the Interventional Management of Stroke III trial. <i>Radiology</i> , 2014 , 273, 202-10	20.5	122
214	Association of ischemic stroke, hormone therapy, and right to left shunt in postmenopausal women. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 84, 479-85	2.7	
213	Methodology of the Field Administration of Stroke Therapy - Magnesium (FAST-MAG) phase 3 trial: Part 1 - rationale and general methods. <i>International Journal of Stroke</i> , 2014 , 9, 215-9	6.3	37
212	Elevated thyroid autoantibodies and intracranial stenosis in stroke at an early age. <i>International Journal of Stroke</i> , 2014 , 9, 735-40	6.3	13
211	Infarct patterns, collaterals and likely causative mechanisms of stroke in symptomatic intracranial atherosclerosis. <i>Cerebrovascular Diseases</i> , 2014 , 37, 417-22	3.2	54
210	Posttreatment variables improve outcome prediction after intra-arterial therapy for acute ischemic stroke. <i>Cerebrovascular Diseases</i> , 2014 , 37, 356-63	3.2	7
209	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. <i>Stroke</i> , 2014 , 45, 3583-8	6.7	24
208	Serial Alberta Stroke Program early CT score from baseline to 24 hours in Solitaire Flow Restoration with the Intention for Thrombectomy study: a novel surrogate end point for revascularization in acute stroke. <i>Stroke</i> , 2014 , 45, 723-7	6.7	31
207	Collaterals at angiography and outcomes in the Interventional Management of Stroke (IMS) III trial. <i>Stroke</i> , 2014 , 45, 759-64	6.7	209
206	To Tube or Not to Tube? The Role of Intubation during Stroke Thrombectomy. <i>Frontiers in Neurology</i> , 2014 , 5, 170	4.1	27
205	Impact of collaterals on successful revascularization in Solitaire FR with the intention for thrombectomy. <i>Stroke</i> , 2014 , 45, 2036-40	6.7	117
204	Role of statin in atrial fibrillation-related stroke: an angiographic study for collateral flow. <i>Cerebrovascular Diseases</i> , 2014 , 37, 77-84	3.2	32
203	Time to angiographic reperfusion and clinical outcome after acute ischaemic stroke: an analysis of data from the Interventional Management of Stroke (IMS III) phase 3 trial. <i>Lancet Neurology</i> , 2014 , 13, 567-74	24.1	297
202	The future of ischemic stroke: flow from prehospital neuroprotection to definitive reperfusion. <i>Interventional Neurology</i> , 2014 , 2, 105-17	3	13
201	Computed Tomography Angiography in the Stroke Outcomes and Neuroimaging of Intracranial Atherosclerosis (SONIA) Study. <i>Interventional Neurology</i> , 2014 , 2, 153-9	3	14

200	Predicting discharge mortality after acute ischemic stroke using balanced data 2014 , 2014, 1787-96	0.7	18
199	Intracranial Atherosclerosis 2014 , 1-30		1
198	FLAIR vascular hyperintensity preceding stroke in cryptococcal meningitis. <i>Journal of Neuroimaging</i> , 2013 , 23, 126-8	2.8	
197	Cerebral microbleeds after use of extracorporeal membrane oxygenation in children. <i>Journal of Neuroimaging</i> , 2013 , 23, 75-8	2.8	31
196	Recommendations for preclinical research in hemorrhagic transformation. <i>Translational Stroke Research</i> , 2013 , 4, 322-7	7.8	29
195	Imaging recommendations for acute stroke and transient ischemic attack patients: a joint statement by the American Society of Neuroradiology, the American College of Radiology and the Society of NeuroInterventional Surgery. <i>Journal of the American College of Radiology</i> , 2013 , 10, 828-32	3.5	58
194	Use of perfusion imaging and other imaging techniques to assess risks/benefits of acute stroke interventions. <i>Current Atherosclerosis Reports</i> , 2013 , 15, 336	6	9
193	Intracranial arterial stenoses: current viewpoints, novel approaches, and surgical perspectives. <i>Neurosurgical Review</i> , 2013 , 36, 175-84; discussion 184-5	3.9	31
192	Peripheral vascular disease as remote ischemic preconditioning, for acute stroke. <i>Clinical Neurology and Neurosurgery</i> , 2013 , 115, 2124-9	2	32
191	Thrombolysis in ischemic strokes with no arterial occlusion. <i>International Journal of Stroke</i> , 2013 , 8, 588-90; 5		
190	Multi-center prediction of hemorrhagic transformation in acute ischemic stroke using permeability imaging features. <i>Magnetic Resonance Imaging</i> , 2013 , 31, 961-9	3.3	37
189	Diffusion-weighted imaging-fluid attenuated inversion recovery mismatch in nocturnal stroke patients with unknown time of onset. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013 , 22, 972-7	2.8	23
188	Interobserver reproducibility of signal intensity ratio on magnetic resonance angiography for hemodynamic impact of intracranial atherosclerosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013 , 22, e615-9	2.8	18
187	Multi-delay multi-parametric arterial spin-labeled perfusion MRI in acute ischemic stroke - Comparison with dynamic susceptibility contrast enhanced perfusion imaging. <i>NeuroImage: Clinical</i> , 2013 , 3, 1-7	5.3	128
186	Clarifying differences among thrombolysis in cerebral infarction scale variants: is the artery half open or half closed?. <i>Stroke</i> , 2013 , 44, 1166-8	6.7	60
185	Favorable vascular profile is an independent predictor of outcome: a post hoc analysis of the safety and efficacy of NeuroFlo Technology in Ischemic Stroke trial. <i>Stroke</i> , 2013 , 44, 1606-8	6.7	16
184	Multiparametric MRI and CT models of infarct core and favorable penumbral imaging patterns in acute ischemic stroke. <i>Stroke</i> , 2013 , 44, 73-9	6.7	71
183	Angiographic features, collaterals, and infarct topography of symptomatic occlusive radiation vasculopathy: a case-referent study. <i>Stroke</i> , 2013 , 44, 401-6	6.7	17

182	Prognostic evaluation based on cortical vein score difference in stroke. <i>Stroke</i> , 2013 , 44, 2748-54	6.7	34
181	Refining angiographic biomarkers of revascularization: improving outcome prediction after intra-arterial therapy. <i>Stroke</i> , 2013 , 44, 2509-12	6.7	130
180	Quantitative analysis of hypoperfusion in acute stroke: arterial spin labeling versus dynamic susceptibility contrast. <i>Stroke</i> , 2013 , 44, 3090-6	6.7	28
179	Optimizing prediction scores for poor outcome after intra-arterial therapy in anterior circulation acute ischemic stroke. <i>Stroke</i> , 2013 , 44, 3324-30	6.7	63
178	Combined approach to lysis utilizing eptifibatide and recombinant tissue plasminogen activator in acute ischemic stroke-enhanced regimen stroke trial. <i>Stroke</i> , 2013 , 44, 2381-7	6.7	67
177	CLOTBUST-hands free: initial safety testing of a novel operator-independent ultrasound device in stroke-free volunteers. <i>Stroke</i> , 2013 , 44, 1641-6	6.7	21
176	Recommendations on angiographic revascularization grading standards for acute ischemic stroke: a consensus statement. <i>Stroke</i> , 2013 , 44, 2650-63	6.7	884
175	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013 , 44, 2628-39	6.7	133
174	Prospective, multicenter, single-arm study of mechanical thrombectomy using Solitaire Flow Restoration in acute ischemic stroke. <i>Stroke</i> , 2013 , 44, 2802-7	6.7	218
173	Incomplete mechanical recanalization of middle cerebral artery occlusions facilitates endogenous recanalization within 5 h. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 217-20	7.8	2
172	The goldilocks dilemma in acute ischemic stroke. <i>Frontiers in Neurology</i> , 2013 , 4, 164	4.1	3
171	Quantitative measurements of relative fluid-attenuated inversion recovery (FLAIR) signal intensities in acute stroke for the prediction of time from symptom onset. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 76-84	7.3	40
170	Advanced modality imaging evaluation in acute ischemic stroke may lead to delayed endovascular reperfusion therapy without improvement in clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5 Suppl 1, i62-5	7.8	71
169	The hyperdense vessel sign on CT predicts successful recanalization with the Merci device in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2013 , 5, 289-93	7.8	61
168	Age dependency of successful recanalization in anterior circulation stroke: the ENDOSTROKE study. <i>Cerebrovascular Diseases</i> , 2013 , 36, 437-45	3.2	66
167	Neurothrombectomy for the treatment of acute ischemic stroke: results from the TREVO study. <i>Cerebrovascular Diseases</i> , 2013 , 36, 218-25	3.2	56
166	Signal intensity ratio as a novel measure of hemodynamic significance for intracranial atherosclerosis. <i>International Journal of Stroke</i> , 2013 , 8, E46	6.3	13
165	Trials of endovascular therapies or collaterals?. <i>International Journal of Stroke</i> , 2013 , 8, 258-9	6.3	22

164	Periprocedural arterial spin labeling and dynamic susceptibility contrast perfusion in detection of cerebral blood flow in patients with acute ischemic syndrome. <i>Stroke</i> , 2013 , 44, 664-70	6.7	18
163	THRIVE score predicts outcomes with a third-generation endovascular stroke treatment device in the TREVO-2 trial. <i>Stroke</i> , 2013 , 44, 3370-5	6.7	43
162	Ischemia-reperfusion injury in stroke. <i>Interventional Neurology</i> , 2013 , 1, 185-99	3	198
161	Fractional Flow in Cerebrovascular Disorders. <i>Interventional Neurology</i> , 2013 , 1, 87-99	3	26
160	Magnetic resonance angiography signal intensity as a marker of hemodynamic impairment in intracranial arterial stenosis. <i>PLoS ONE</i> , 2013 , 8, e80124	3.7	23
159	Abstract 57: Impact of Collaterals on Successful Revascularization in SWIFT. <i>Stroke</i> , 2013 , 44,	6.7	1
158	Abstract WP5: Collaterals in the Interventional Management of Stroke (IMS) III Trial. <i>Stroke</i> , 2013 , 44,	6.7	2
157	Abstract 156: SAMMPRIS Angiography Discloses Hemodynamic Effects of Intracranial Stenosis: Computational Fluid Dynamics of Fractional Flow. <i>Stroke</i> , 2013 , 44,	6.7	6
156	Association of laterality and size of perfusion lesions on neurological deficit in acute supratentorial stroke. <i>International Journal of Stroke</i> , 2012 , 7, 293-7	6.3	10
155	Collateral perfusion: time for novel paradigms in cerebral ischemia. <i>International Journal of Stroke</i> , 2012 , 7, 309-10	6.3	32
154	Advanced multimodal CT/MRI approaches to hyperacute stroke diagnosis, treatment, and monitoring. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1268, 1-7	6.5	20
153	Revascularization of collaterals for hemodynamic stroke: insight on pathophysiology from the carotid occlusion surgery study. <i>Stroke</i> , 2012 , 43, 1988-91	6.7	7
152	Trevo versus Merci retrievers for thrombectomy revascularisation of large vessel occlusions in acute ischaemic stroke (TREVO 2): a randomised trial. <i>Lancet, The</i> , 2012 , 380, 1231-40	4.0	89.0
151	Regional prediction of tissue fate in acute ischemic stroke. <i>Annals of Biomedical Engineering</i> , 2012 , 40, 2177-87	4.7	39
150	Treatment of high risk symptomatic intracranial atherosclerosis with balloon mounted coronary stents and Wingspan stents: single center experience over a 10 year period. <i>Journal of NeuroInterventional Surgery</i> , 2012 , 4, 34-9	7.8	8
149	Blood-brain barrier permeability derangements in posterior circulation ischemic stroke: frequency and relation to hemorrhagic transformation. <i>Journal of the Neurological Sciences</i> , 2012 , 313, 142-6	3.2	30
148	Effects of age on outcome in the SENTIS trial: better outcomes in elderly patients. <i>Cerebrovascular Diseases</i> , 2012 , 34, 263-71	3.2	12
147	Elucidating the mechanism of posterior reversible encephalopathy syndrome: a case of transient blindness after central venous catheterization. <i>Neurologist</i> , 2012 , 18, 391-4	1.6	5

146	Clinical trial design for endovascular ischemic stroke intervention. <i>Neurology</i> , 2012 , 79, S221-33	6.5	4
145	The value of arterial spin-labeled perfusion imaging in acute ischemic stroke: comparison with dynamic susceptibility contrast-enhanced MRI. <i>Stroke</i> , 2012 , 43, 1018-24	6.7	121
144	Indirect revascularization for nonmoyamoya intracranial arterial stenoses: clinical and angiographic outcomes. <i>Journal of Neurosurgery</i> , 2012 , 117, 94-102	3.2	30
143	Comprehensive stroke centers and the weekend effect—the SPOTRIAS experience. <i>Cerebrovascular Diseases</i> , 2012 , 34, 424-9	3.2	47
142	How well do blood flow imaging and collaterals on angiography predict brain at risk?. <i>Neurology</i> , 2012 , 79, S105-9	6.5	15
141	Benefits of hemispherectomy seen many years after malignant stroke in a young patient. <i>Frontiers in Neurology</i> , 2012 , 3, 123	4.1	
140	Anterior choroidal artery ischaemic patterns predict outcome of carotid occlusion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 586-90	5.5	7
139	Thrombus branching and vessel curvature are important determinants of middle cerebral artery trunk recanalization with Merci thrombectomy devices. <i>Stroke</i> , 2012 , 43, 787-92	6.7	28
138	Transition to collateral flow after arterial occlusion predisposes to cerebral venous steal. <i>Stroke</i> , 2012 , 43, 575-9	6.7	18
137	Leukoaraiosis predicts parenchymal hematoma after mechanical thrombectomy in acute ischemic stroke. <i>Stroke</i> , 2012 , 43, 1806-11	6.7	60
136	Hyperintense vessels on acute stroke fluid-attenuated inversion recovery imaging: associations with clinical and other MRI findings. <i>Stroke</i> , 2012 , 43, 2957-61	6.7	49
135	Intracranial collateral routes and anastomoses in interventional neuroradiology 2012 , 59-87		0
134	Prognostic value of Framingham Cardiovascular Risk Score in hospitalized stroke patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011 , 20, 222-6	2.8	5
133	Characterization of inpatient moyamoya in the United States: 1988-2004. <i>Frontiers in Neurology</i> , 2011 , 2, 43	4.1	14
132	Cerebral Angiography 2011 , 910-925		1
131	Intra-arterial thrombolysis or stent placement during endovascular treatment for acute ischemic stroke leads to the highest recanalization rate: results of a multicenter retrospective study. <i>Neurosurgery</i> , 2011 , 68, 1618-22; discussion 1622-3	3.2	27
130	Partial aortic occlusion and cerebral venous steal: venous effects of arterial manipulation in acute stroke. <i>Stroke</i> , 2011 , 42, 1478-81	6.7	10
129	Leukoaraiosis and collaterals in acute ischemic stroke. <i>Journal of Neuroimaging</i> , 2011 , 21, 232-5	2.8	23

128	Collateral circulation in symptomatic intracranial atherosclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 1293-301	7.3	79
127	DWI-FLAIR mismatch for the identification of patients with acute ischaemic stroke within 4½ h of symptom onset (PRE-FLAIR): a multicentre observational study. <i>Lancet Neurology</i> , 2011 , 10, 978-86	24.1	364
126	Collateral blood vessels in acute ischaemic stroke: a potential therapeutic target. <i>Lancet Neurology</i> , 2011 , 10, 909-21	24.1	329
125	Brain imaging in stroke: insight beyond diagnosis. <i>Neurotherapeutics</i> , 2011 , 8, 330-9	6.4	10
124	Collaterals dramatically alter stroke risk in intracranial atherosclerosis. <i>Annals of Neurology</i> , 2011 , 69, 963-74	9.4	195
123	CT and MRI early vessel signs reflect clot composition in acute stroke. <i>Stroke</i> , 2011 , 42, 1237-43	6.7	350
122	An extended model of intracranial latency facilitates non-invasive detection of cerebrovascular changes. <i>Journal of Neuroscience Methods</i> , 2011 , 197, 171-9	3	5
121	Comparison of plasmin with recombinant tissue-type plasminogen activator in lysis of cerebral thromboemboli retrieved from patients with acute ischemic stroke. <i>Stroke</i> , 2011 , 42, 2222-8	6.7	10
120	Imaging-based endovascular therapy for acute ischemic stroke due to proximal intracranial anterior circulation occlusion treated beyond 8 hours from time last seen well: retrospective multicenter analysis of 237 consecutive patients. <i>Stroke</i> , 2011 , 42, 2206-11	6.7	127
119	Collateral flow predicts response to endovascular therapy for acute ischemic stroke. <i>Stroke</i> , 2011 , 42, 693-9	6.7	382
118	Influence of height on the clinical characteristics and prognosis of patients with ischemic stroke. <i>Neurologist</i> , 2011 , 17, 21-3	1.6	3
117	The thrombus and discontinuity of FLAIR vascular hyperintensity. <i>Archives of Neurology</i> , 2011 , 68, 950-1		4
116	Letter by Gonzalez and Liebeskind regarding article, "remote ischemic limb preconditioning after subarachnoid hemorrhage: a phase Ib study of safety and feasibility". <i>Stroke</i> , 2011 , 42, e553	6.7	2
115	Effect of time to reperfusion on clinical outcome of anterior circulation strokes treated with thrombectomy: pooled analysis of the MERCI and Multi MERCI trials. <i>Stroke</i> , 2011 , 42, 3144-9	6.7	42
114	Stroke Treatment Academic Industry Roundtable (STAIR) recommendations for maximizing the use of intravenous thrombolytics and expanding treatment options with intra-arterial and neuroprotective therapies. <i>Stroke</i> , 2011 , 42, 2645-50	6.7	152
113	Prediction of adverse outcomes by blood glucose level after endovascular therapy for acute ischemic stroke. <i>Journal of Neurosurgery</i> , 2011 , 114, 1785-99	3.2	26
112	Collateral flow averts hemorrhagic transformation after endovascular therapy for acute ischemic stroke. <i>Stroke</i> , 2011 , 42, 2235-9	6.7	190
111	Vertebrobasilar Flow Evaluation and Risk of Transient Ischaemic Attack and Stroke study (VERITAS): rationale and design. <i>International Journal of Stroke</i> , 2010 , 5, 499-505	6.3	35

110	Collateral failure? Late mechanical thrombectomy after failed intravenous thrombolysis. <i>Journal of Neuroimaging</i> , 2010 , 20, 78-82	2.8	33
109	Benign oligemia despite a malignant MRI profile in acute ischemic stroke. <i>Journal of Clinical Neurology (Korea)</i> , 2010 , 6, 41-5	1.7	7
108	Differential pathophysiological mechanisms of stroke evolution between new lesions and lesion growth: perfusion-weighted imaging study. <i>Cerebrovascular Diseases</i> , 2010 , 29, 328-35	3.2	23
107	Characteristics of patients with target magnetic resonance mismatch profile: data from two geographically and racially distinct populations. <i>Cerebrovascular Diseases</i> , 2010 , 29, 87-94	3.2	8
106	Predictors of subarachnoid hemorrhage in acute ischemic stroke with endovascular therapy. <i>Stroke</i> , 2010 , 41, 2775-81	6.7	60
105	Strong independent correlation of proteinuria with cerebral microbleeds in patients with stroke and transient ischemic attack. <i>Archives of Neurology</i> , 2010 , 67, 45-50		46
104	The association of patent foramen ovale morphology and stroke size in patients with paradoxical embolism. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 506-10	6	31
103	Impact of baseline tissue status (diffusion-weighted imaging lesion) versus perfusion status (severity of hypoperfusion) on hemorrhagic transformation. <i>Stroke</i> , 2010 , 41, e135-42	6.7	30
102	Need to clarify Thrombolysis In Myocardial Ischemia (TIMI) scale scoring method in the Penumbra Pivotal Stroke Trial. <i>Stroke</i> , 2010 , 41, e115-6	6.7	16
101	Assessment and improvement of figures to visually convey benefit and risk of stroke thrombolysis. <i>Stroke</i> , 2010 , 41, 300-6	6.7	36
100	Conscious sedation versus general anesthesia during endovascular therapy for acute anterior circulation stroke: preliminary results from a retrospective, multicenter study. <i>Stroke</i> , 2010 , 41, 1175-9	6.7	270
99	Safety of intravenous fibrinolysis in imaging-confirmed single penetrator artery infarcts. <i>Stroke</i> , 2010 , 41, 2587-91	6.7	18
98	No-go to tissue plasminogen activator for transient ischemic attack. <i>Stroke</i> , 2010 , 41, 3005-6	6.7	1
97	Autopsy findings after intracranial thrombectomy for acute ischemic stroke: a clinicopathologic study of 5 patients. <i>Stroke</i> , 2010 , 41, 938-47	6.7	35
96	Tea, flavonoids and stroke in man and mouse. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 501, 31-6	4.1	36
95	Reperfusion for acute ischemic stroke: arterial revascularization and collateral therapeutics. <i>Current Opinion in Neurology</i> , 2010 , 23, 36-45	7.1	44
94	Diabetes mellitus, acute hyperglycemia, and ischemic stroke. <i>Current Treatment Options in Neurology</i> , 2010 , 12, 492-503	4.4	50
93	Imaging the future of stroke: II. Hemorrhage. <i>Annals of Neurology</i> , 2010 , 68, 581-92	9.4	5

92	Recanalization and reperfusion in acute ischemic stroke. <i>F1000 Medicine Reports</i> , 2010 , 2,		11
91	Tissue Fate Prediction in Acute Ischemic Stroke Using Cuboid Models. <i>Lecture Notes in Computer Science</i> , 2010 , 292-301	0.9	3
90	Complex models for the complexity of cerebral ischemia. <i>Journal of Experimental Stroke & Translational Medicine</i> , 2010 , 3, 27-28		
89	Age-distinct predictors of symptomatic cervicocephalic atherosclerosis. <i>Cerebrovascular Diseases</i> , 2009 , 27, 13-21	3.2	5
88	Indices of kidney dysfunction and discharge outcomes in hospitalized stroke patients without known renal disease. <i>Cerebrovascular Diseases</i> , 2009 , 28, 582-8	3.2	41
87	Impact of hyperlipidemia and statins on ischemic stroke outcomes after intra-arterial fibrinolysis and percutaneous mechanical embolectomy. <i>Cerebrovascular Diseases</i> , 2009 , 28, 384-90	3.2	29
86	Simultaneous ring voice-over-Internet phone system enables rapid physician elicitation of explicit informed consent in prehospital stroke treatment trials. <i>Cerebrovascular Diseases</i> , 2009 , 28, 539-44	3.2	31
85	Identifying patients at high risk for poor outcome after intra-arterial therapy for acute ischemic stroke. <i>Stroke</i> , 2009 , 40, 1780-5	6.7	94
84	Risk assessment of symptomatic intracerebral hemorrhage after thrombolysis using DWI-ASPECTS. <i>Stroke</i> , 2009 , 40, 2743-8	6.7	82
83	Basal ganglionic infarction before mechanical thrombectomy predicts poor outcome. <i>Stroke</i> , 2009 , 40, 3315-20	6.7	32
82	Optimizing screening and management of asymptomatic coronary artery disease in patients with stroke and patients with transient ischemic attack. <i>Stroke</i> , 2009 , 40, 3407-9	6.7	6
81	Number needed to treat to benefit and to harm for intravenous tissue plasminogen activator therapy in the 3- to 4.5-hour window: joint outcome table analysis of the ECASS 3 trial. <i>Stroke</i> , 2009 , 40, 2433-7	6.7	90
80	Reversing stroke in the 2010s: lessons from Desmoteplase In Acute ischemic Stroke-2 (DIAS-2). <i>Stroke</i> , 2009 , 40, 3156-8	6.7	26
79	Patterns and predictors of blood-brain barrier permeability derangements in acute ischemic stroke. <i>Stroke</i> , 2009 , 40, 454-61	6.7	73
78	Predictors of good clinical outcomes, mortality, and successful revascularization in patients with acute ischemic stroke undergoing thrombectomy: pooled analysis of the Mechanical Embolus Removal in Cerebral Ischemia (MERCi) and Multi MERCi Trials. <i>Stroke</i> , 2009 , 40, 3777-83	6.7	228
77	Back to the future: reconsidering the hemodynamics of cerebral ischemia. <i>Neurology</i> , 2009 , 72, 1118-9	6.5	
76	Imaging the future of stroke: I. Ischemia. <i>Annals of Neurology</i> , 2009 , 66, 574-90	9.4	62
75	MR mismatch profiles in patients with intracranial atherosclerotic stroke: a comprehensive approach comparing stroke subtypes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 1138-45	7.3	45

74	New challenges for emergent neuroimaging: beyond the NISSAN study. <i>Journal of Neuroimaging</i> , 2009 , 19, 117-8	2.8	
73	Impact of reperfusion after 3 hours of symptom onset on tissue fate in acute cerebral ischemia. <i>Journal of Neuroimaging</i> , 2009 , 19, 317-22	2.8	5
72	Stroke: the currency of collateral circulation in acute ischemic stroke. <i>Nature Reviews Neurology</i> , 2009 , 5, 645-6	15	28
71	A care pathway to boost influenza vaccination rates among inpatients with acute ischemic stroke and transient ischemic attack. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2009 , 18, 38-40	2.8	9
70	Impact of metabolic syndrome on distribution of cervicocephalic atherosclerosis: data from a diverse race-ethnic group. <i>Journal of the Neurological Sciences</i> , 2009 , 284, 40-5	3.2	32
69	Anatomy of Intracranial Arteries 2009 , 1-18		1
68	Clinical determinants of infarct pattern subtypes in large vessel atherosclerotic stroke. <i>Journal of Neurology</i> , 2009 , 256, 591-9	5.5	17
67	Venous hemodynamics may enhance collateral perfusion and the fibrinolytic milieu in paradoxical embolism. <i>Stroke</i> , 2009 , 40, e30-1	6.7	4
66	Genomic profiles of damage and protection in human intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 1860-75	7.3	54
65	Prior antiplatelet use and infarct volume in ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2008 , 264, 140-4	3.2	28
64	Association of serum bilirubin with ischemic stroke outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2008 , 17, 147-52	2.8	43
63	Image-guided endoscopic evacuation of spontaneous intracerebral hemorrhage. <i>World Neurosurgery</i> , 2008 , 69, 441-6; discussion 446		81
62	Isolated facial sensory loss in stroke restricted to the ventroposteromedial nucleus. <i>Archives of Neurology</i> , 2008 , 65, 977-8		8
61	A brief prehospital stroke severity scale identifies ischemic stroke patients harboring persisting large arterial occlusions. <i>Stroke</i> , 2008 , 39, 2264-7	6.7	177
60	Of mice and men: essential considerations in the translation of collateral therapeutics. <i>Stroke</i> , 2008 , 39, e187-8; author reply e189	6.7	10
59	Mechanical thrombectomy for acute ischemic stroke: final results of the Multi MERCI trial. <i>Stroke</i> , 2008 , 39, 1205-12	6.7	1032
58	Early neutrophilia is associated with volume of ischemic tissue in acute stroke. <i>Stroke</i> , 2008 , 39, 355-60	6.7	186
57	NEUROIMAGING ISCHEMIA AND CEREBROVASCULAR DISORDERS. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2008 , 14, 19-36		3

56	Aortic occlusion for cerebral ischemia: from theory to practice. <i>Current Cardiology Reports</i> , 2008 , 10, 31-42	4.2	40
55	Learning vector quantization neural networks improve accuracy of transcranial color-coded duplex sonography in detection of middle cerebral artery spasm—preliminary report. <i>Neuroinformatics</i> , 2008 , 6, 279-90	3.2	8
54	Risk for symptomatic intracerebral hemorrhage after thrombolysis assessed by diffusion-weighted magnetic resonance imaging. <i>Annals of Neurology</i> , 2008 , 63, 52-60	9.4	155
53	Neurogenic bladder due to hypoxic-ischemic demyelination. <i>Journal of Neuroimaging</i> , 2008 , 18, 198-201	2.8	
52	Occurrence and variability in acute formation of leptomeningeal collaterals in proximal middle cerebral artery occlusion. <i>Journal of Vascular and Interventional Neurology</i> , 2008 , 1, 70-2	1.3	10
51	Technical and practical limitations of whole slide digital imaging in the analysis of intracranial thrombectomies. <i>FASEB Journal</i> , 2008 , 22, 708.14	0.9	
50	Bleeding risk analysis in stroke imaging before thrombolysis (BRASIL): pooled analysis of T2*-weighted magnetic resonance imaging data from 570 patients. <i>Stroke</i> , 2007 , 38, 2738-44	6.7	212
49	Prediction of hemorrhagic transformation after recanalization therapy using T2*-permeability magnetic resonance imaging. <i>Annals of Neurology</i> , 2007 , 62, 170-6	9.4	110
48	Understanding blood flow: the other side of an acute arterial occlusion. <i>International Journal of Stroke</i> , 2007 , 2, 118-20	6.3	16
47	Five-year experience with percutaneous closure of patent foramen ovale. <i>American Journal of Cardiology</i> , 2007 , 99, 1316-20	3	86
46	Headache in a patient with Klinefelter syndrome and hyperostosis frontalis interna. <i>Journal of Headache and Pain</i> , 2007 , 8, 342-4	8.8	10
45	Association of higher serum calcium levels with smaller infarct volumes in acute ischemic stroke. <i>Archives of Neurology</i> , 2007 , 64, 1287-91		31
44	Mechanical thrombectomy of intracranial internal carotid occlusion: pooled results of the MERCI and Multi MERCI Part I trials. <i>Stroke</i> , 2007 , 38, 1274-80	6.7	214
43	Body mass index and hospital discharge outcomes after ischemic stroke. <i>Archives of Neurology</i> , 2007 , 64, 388-91		37
42	Utility of urinalysis in discriminating cardioembolic stroke mechanism. <i>Archives of Neurology</i> , 2007 , 64, 667-70		8
41	Informed consent in acute stroke. <i>Stroke</i> , 2007 , 38, e129-30	6.7	1
40	FLAIR vascular hyperintensity may predict stroke after TIA. <i>Clinical Neurology and Neurosurgery</i> , 2007 , 109, 617-9	2	15
39	Intracranial Collateral Routes and Anastomoses in Interventional Neuroradiology 2007 , 57-86		1

38	Analysis of thrombi retrieved from cerebral arteries of patients with acute ischemic stroke. <i>Stroke</i> , 2006 , 37, 2086-93	6.7	299
37	Evidence of publication bias in reporting acute stroke clinical trials. <i>Neurology</i> , 2006 , 67, 973-9	6.5	44
36	Leukoaraiosis is a risk factor for symptomatic intracerebral hemorrhage after thrombolysis for acute stroke. <i>Stroke</i> , 2006 , 37, 2463-6	6.7	151
35	Stroke associated with Barth syndrome. <i>Journal of Child Neurology</i> , 2006 , 21, 805-7	2.5	12
34	Predictors of cerebral microbleeds in acute ischemic stroke and TIA patients. <i>Cerebrovascular Diseases</i> , 2006 , 22, 378-83	3.2	28
33	Achieving target cholesterol goals after stroke: is in-hospital statin initiation the key?. <i>Archives of Neurology</i> , 2006 , 63, 1081-3		19
32	Altered hemodynamics and regional cerebral blood flow in patients with hemodynamically significant stenoses. <i>Stroke</i> , 2006 , 37, 382-7	6.7	59
31	Solving the mystery of blood pressure in acute stroke. <i>Southern Medical Journal</i> , 2006 , 99, 1207-8	0.6	2
30	Collaterals in acute stroke: beyond the clot. <i>Neuroimaging Clinics of North America</i> , 2005 , 15, 553-73, x	3	132
29	Advanced MR imaging of acute stroke: the University of California at Los Angeles endovascular therapy experience. <i>Neuroimaging Clinics of North America</i> , 2005 , 15, 455-66, xiii	3	13
28	Cerebral gumma mimicking glioblastoma multiforme. <i>Neurocritical Care</i> , 2005 , 2, 300-2	3.3	20
27	Hyperacute imaging of ischemic stroke: role in therapeutic management. <i>Current Cardiology Reports</i> , 2005 , 7, 10-5	4.2	9
26	Treatment-responsive limbic encephalitis identified by neuropil antibodies: MRI and PET correlates. <i>Brain</i> , 2005 , 128, 1764-77	11.2	352
25	Neuroimaging advances and the transformation of acute stroke care. <i>Seminars in Neurology</i> , 2005 , 25, 345-61	3.2	11
24	Analysis of Thrombi Retrieved from Cerebral Arteries of Patients with Acute Ischemic Stroke.. <i>Blood</i> , 2005 , 106, 263-263	2.2	2
23	Location, location, location: angiography discerns early MR imaging vessel signs due to proximal arterial occlusion and distal collateral flow. <i>American Journal of Neuroradiology</i> , 2005 , 26, 2432-3; author reply 2433-4	4.4	14
22	Age and sex variability and normal reference values for the V(MCA)/V(ICA) index. <i>American Journal of Neuroradiology</i> , 2005 , 26, 730-5	4.4	34
21	Neuroprotection from the collateral perspective. <i>IDrugs: the Investigational Drugs Journal</i> , 2005 , 8, 222-8		10

20	Willisian collateralization. <i>Neurology</i> , 2004 , 63, 344	6.5	9
19	Wallerian degeneration of the corticospinal tracts. <i>Neurology</i> , 2004 , 62, 828	6.5	3
18	Collateral therapeutics for cerebral ischemia. <i>Expert Review of Neurotherapeutics</i> , 2004 , 4, 255-65	4.3	47
17	Anatomic considerations in therapeutic arteriogenesis for cerebral ischemia. <i>Circulation</i> , 2004 , 109, e4; author reply e4	16.7	7
16	FDG-PET findings in patients with suspected encephalitis. <i>Clinical Nuclear Medicine</i> , 2004 , 29, 620-5	1.7	57
15	Infarction of the choroid plexus. <i>American Journal of Neuroradiology</i> , 2004 , 25, 289-90	4.4	11
14	Early uncoupling of cerebral blood flow and metabolism after bilateral thalamic infarction. <i>American Journal of Neuroradiology</i> , 2004 , 25, 1685-7	4.4	4
13	Utility of the NIH Stroke Scale as a predictor of hospital disposition. <i>Stroke</i> , 2003 , 34, 134-7	6.7	209
12	Pituitary apoplexy causing optic neuropathy and horner syndrome without ophthalmoplegia. <i>Journal of Neuro-Ophthalmology</i> , 2003 , 23, 208-10	2.6	10
11	Modified National Institutes of Health Stroke Scale can be estimated from medical records. <i>Stroke</i> , 2003 , 34, 568-70	6.7	52
10	Collateral circulation. <i>Stroke</i> , 2003 , 34, 2279-84	6.7	737
9	Late secondary ischemic injury in patients receiving intraarterial thrombolysis. <i>Annals of Neurology</i> , 2002 , 52, 698-703	9.4	169
8	Vertebrobasilar thrombolysis with intravenous tirofiban: case report. <i>Journal of Thrombosis and Thrombolysis</i> , 2002 , 13, 81-4	5.1	4
7	Predictors of hemorrhagic transformation in patients receiving intra-arterial thrombolysis. <i>Stroke</i> , 2002 , 33, 717-24	6.7	166
6	Magnetic resonance imaging detection of microbleeds before thrombolysis: an emerging application. <i>Stroke</i> , 2002 , 33, 95-8	6.7	308
5	Safety of intra-arterial thrombolysis in the postoperative period. <i>Stroke</i> , 2001 , 32, 1365-9	6.7	91
4	Trends in acute ischemic stroke trials through the 20th century. <i>Stroke</i> , 2001 , 32, 1349-59	6.7	196
3	Cardioembolic stroke due to papillary fibroelastoma. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2001 , 10, 94-5	2.8	10

2 Neuroprotection for ischaemic stroke: an unattainable goal?. *CNS Drugs*, **2001**, 15, 165-74

6.7 41

1 American Stroke Association--26th international conference. *IDrugs: the Investigational Drugs Journal*, **2001**, 4, 524-6