

# David S Liebeskind

## List of Publications by Citations

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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	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 11-21	59.2	2503
612	Mechanical thrombectomy for acute ischemic stroke: final results of the Multi MERCI trial. <i>Stroke</i> , <b>2008</b> , 39, 1205-12	6.7	1032
611	Trevo versus Merci retrievers for thrombectomy revascularisation of large vessel occlusions in acute ischaemic stroke (TREVO 2): a randomised trial. <i>Lancet, The</i> , <b>2012</b> , 380, 1231-40	40	890
610	Recommendations on angiographic revascularization grading standards for acute ischemic stroke: a consensus statement. <i>Stroke</i> , <b>2013</b> , 44, 2650-63	6.7	884
609	Collateral circulation. <i>Stroke</i> , <b>2003</b> , 34, 2279-84	6.7	737
608	Collateral flow predicts response to endovascular therapy for acute ischemic stroke. <i>Stroke</i> , <b>2011</b> , 42, 693-9	6.7	382
607	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, The</i> , <b>2011</b> , 10, 978-86	24.1	364
606	Treatment-responsive limbic encephalitis identified by neuropil antibodies: MRI and PET correlates. <i>Brain</i> , <b>2005</b> , 128, 1764-77	11.2	352
605	CT and MRI early vessel signs reflect clot composition in acute stroke. <i>Stroke</i> , <b>2011</b> , 42, 1237-43	6.7	350
604	Collateral blood vessels in acute ischaemic stroke: a potential therapeutic target. <i>Lancet Neurology, The</i> , <b>2011</b> , 10, 909-21	24.1	329
603	Magnetic resonance imaging detection of microbleeds before thrombolysis: an emerging application. <i>Stroke</i> , <b>2002</b> , 33, 95-8	6.7	308
602	Analysis of thrombi retrieved from cerebral arteries of patients with acute ischemic stroke. <i>Stroke</i> , <b>2006</b> , 37, 2086-93	6.7	299
601	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, The</i> , <b>2014</b> , 13, 567-74	24.1	297
600	Conscious sedation versus general anesthesia during endovascular therapy for acute anterior circulation stroke: preliminary results from a retrospective, multicenter study. <i>Stroke</i> , <b>2010</b> , 41, 1175-9	6.7	270
599	Prehospital use of magnesium sulfate as neuroprotection in acute stroke. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 528-36	59.2	242
598	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> , <b>2009</b> , 40, 3777-83	6.7	228
597	Prospective, multicenter, single-arm study of mechanical thrombectomy using Solitaire Flow Restoration in acute ischemic stroke. <i>Stroke</i> , <b>2013</b> , 44, 2802-7	6.7	218

596	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> , <b>2017</b> , 136, 2311-2321	16.7	217
595	Mechanical thrombectomy of intracranial internal carotid occlusion: pooled results of the MERCI and Multi MERCI Part I trials. <i>Stroke</i> , <b>2007</b> , 38, 1274-80	6.7	214
594	Mechanical recanalization in basilar artery occlusion: the ENDOSTROKE study. <i>Annals of Neurology</i> , <b>2015</b> , 77, 415-24	9.4	212
593	Bleeding risk analysis in stroke imaging before thrombolysis (BRASIL): pooled analysis of T2*-weighted magnetic resonance imaging data from 570 patients. <i>Stroke</i> , <b>2007</b> , 38, 2738-44	6.7	212
592	Collaterals at angiography and outcomes in the Interventional Management of Stroke (IMS) III trial. <i>Stroke</i> , <b>2014</b> , 45, 759-64	6.7	209
591	Utility of the NIH Stroke Scale as a predictor of hospital disposition. <i>Stroke</i> , <b>2003</b> , 34, 134-7	6.7	209
590	Ischemia-reperfusion injury in stroke. <i>Interventional Neurology</i> , <b>2013</b> , 1, 185-99	3	198
589	Trends in acute ischemic stroke trials through the 20th century. <i>Stroke</i> , <b>2001</b> , 32, 1349-59	6.7	196
588	Collaterals dramatically alter stroke risk in intracranial atherosclerosis. <i>Annals of Neurology</i> , <b>2011</b> , 69, 963-74	9.4	195
587	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, The</i> , <b>2017</b> , 16, 360-368	24.1	190
586	Collateral flow averts hemorrhagic transformation after endovascular therapy for acute ischemic stroke. <i>Stroke</i> , <b>2011</b> , 42, 2235-9	6.7	190
585	Early neutrophilia is associated with volume of ischemic tissue in acute stroke. <i>Stroke</i> , <b>2008</b> , 39, 355-60	6.7	186
584	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology, The</i> , <b>2018</b> , 17, 895-904	24.1	179
583	A brief prehospital stroke severity scale identifies ischemic stroke patients harboring persisting large arterial occlusions. <i>Stroke</i> , <b>2008</b> , 39, 2264-7	6.7	177
582	Late secondary ischemic injury in patients receiving intraarterial thrombolysis. <i>Annals of Neurology</i> , <b>2002</b> , 52, 698-703	9.4	169
581	Predictors of hemorrhagic transformation in patients receiving intra-arterial thrombolysis. <i>Stroke</i> , <b>2002</b> , 33, 717-24	6.7	166
580	Endovascular treatment versus standard medical treatment for vertebrobasilar artery occlusion (BEST): an open-label, randomised controlled trial. <i>Lancet Neurology, The</i> , <b>2020</b> , 19, 115-122	24.1	158
579	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> , <b>2019</b> , 18, 46-55	24.1	156

578	Risk for symptomatic intracerebral hemorrhage after thrombolysis assessed by diffusion-weighted magnetic resonance imaging. <i>Annals of Neurology</i> , <b>2008</b> , 63, 52-60	9.4	155
577	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> , <b>2017</b> , 74, 268-274	17.2	152
576	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> , <b>2011</b> , 42, 2645-50	6.7	152
575	Leukoaraiosis is a risk factor for symptomatic intracerebral hemorrhage after thrombolysis for acute stroke. <i>Stroke</i> , <b>2006</b> , 37, 2463-6	6.7	151
574	Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome: a systematic review. <i>Journal of NeuroInterventional Surgery</i> , <b>2017</b> , 9, 529-534	7.8	150
573	Collateral Circulation in Ischemic Stroke: Assessment Tools and Therapeutic Strategies. <i>Stroke</i> , <b>2015</b> , 46, 3302-9	6.7	149
572	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> , <b>2014</b> , 6, 83-6	7.8	136
571	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , <b>2013</b> , 44, 2628-39	6.7	133
570	Collaterals in acute stroke: beyond the clot. <i>Neuroimaging Clinics of North America</i> , <b>2005</b> , 15, 553-73, x	3	132
569	eTICI reperfusion: defining success in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , <b>2019</b> , 11, 433-438	7.8	131
568	Refining angiographic biomarkers of revascularization: improving outcome prediction after intra-arterial therapy. <i>Stroke</i> , <b>2013</b> , 44, 2509-12	6.7	130
567	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> , <b>2013</b> , 3, 1-7	5.3	128
566	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> , <b>2011</b> , 42, 2206-11	6.7	127
565	Recanalization and clinical outcome of occlusion sites at baseline CT angiography in the Interventional Management of Stroke III trial. <i>Radiology</i> , <b>2014</b> , 273, 202-10	20.5	122
564	The value of arterial spin-labeled perfusion imaging in acute ischemic stroke: comparison with dynamic susceptibility contrast-enhanced MRI. <i>Stroke</i> , <b>2012</b> , 43, 1018-24	6.7	121
563	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> , <b>2017</b> , 12, 641-652	6.3	119
562	Impact of collaterals on successful revascularization in Solitaire FR with the intention for thrombectomy. <i>Stroke</i> , <b>2014</b> , 45, 2036-40	6.7	117
561	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> , <b>2015</b> , 7, 16-21	7.8	116

560	Systematic Evaluation of Patients Treated With Neurothrombectomy Devices for Acute Ischemic Stroke: Primary Results of the STRATIS Registry. <i>Stroke</i> , <b>2017</b> , 48, 2760-2768	6.7	113
559	Prediction of hemorrhagic transformation after recanalization therapy using T2*-permeability magnetic resonance imaging. <i>Annals of Neurology</i> , <b>2007</b> , 62, 170-6	9.4	110
558	Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. <i>International Journal of Stroke</i> , <b>2017</b> , 12, 606-614	6.3	101
557	Mechanisms of Stroke in COVID-19. <i>Cerebrovascular Diseases</i> , <b>2020</b> , 49, 451-458	3.2	99
556	Mechanical Thrombectomy for Isolated M2 Occlusions: A Post Hoc Analysis of the STAR, SWIFT, and SWIFT PRIME Studies. <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 667-72	4.4	95
555	Identifying patients at high risk for poor outcome after intra-arterial therapy for acute ischemic stroke. <i>Stroke</i> , <b>2009</b> , 40, 1780-5	6.7	94
554	Safety of intra-arterial thrombolysis in the postoperative period. <i>Stroke</i> , <b>2001</b> , 32, 1365-9	6.7	91
553	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> , <b>2015</b> , 46, 1239-44	6.7	90
552	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> , <b>2009</b> , 40, 2433-7	6.7	90
551	Five-year experience with percutaneous closure of patent foramen ovale. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 1316-20	3	86
550	Risk assessment of symptomatic intracerebral hemorrhage after thrombolysis using DWI-ASPECTS. <i>Stroke</i> , <b>2009</b> , 40, 2743-8	6.7	82
549	Image-guided endoscopic evacuation of spontaneous intracerebral hemorrhage. <i>World Neurosurgery</i> , <b>2008</b> , 69, 441-6; discussion 446		81
548	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , <b>2017</b> , 59, 343-351	3.2	80
547	Collateral circulation in symptomatic intracranial atherosclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2011</b> , 31, 1293-301	7.3	79
546	The importance of comorbidities in ischemic stroke: Impact of hypertension on the cerebral circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 2129-2149	7.3	79
545	Effect of Hemodynamics on Stroke Risk in Symptomatic Atherosclerotic Vertebrobasilar Occlusive Disease. <i>JAMA Neurology</i> , <b>2016</b> , 73, 178-85	17.2	78
544	Predictors of functional dependence despite successful revascularization in large-vessel occlusion strokes. <i>Stroke</i> , <b>2014</b> , 45, 1977-84	6.7	77
543	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> , <b>2016</b> , 47, 1389-98	6.7	77

542	Postischemic hyperperfusion on arterial spin labeled perfusion MRI is linked to hemorrhagic transformation in stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 630-7	7.3	74
541	Patterns and predictors of blood-brain barrier permeability derangements in acute ischemic stroke. <i>Stroke</i> , <b>2009</b> , 40, 454-61	6.7	73
540	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> , <b>2019</b> , 76, 405-411	17.2	72
539	Multiparametric MRI and CT models of infarct core and favorable penumbral imaging patterns in acute ischemic stroke. <i>Stroke</i> , <b>2013</b> , 44, 73-9	6.7	71
538	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> , <b>2013</b> , 5 Suppl 1, i62-5	7.8	71
537	Novel methodology to replicate clot analogs with diverse composition in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , <b>2017</b> , 9, 486-491	7.8	70
536	Low-Dose Tirofiban Improves Functional Outcome in Acute Ischemic Stroke Patients Treated With Endovascular Thrombectomy. <i>Stroke</i> , <b>2017</b> , 48, 3289-3294	6.7	69
535	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> , <b>2016</b> , 87, 537-44	5.5	68
534	Mechanical thrombectomy and rescue therapy for intracranial large artery occlusion with underlying atherosclerosis. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 746-750	7.8	68
533	Evaluating intracranial atherosclerosis rather than intracranial stenosis. <i>Stroke</i> , <b>2014</b> , 45, 645-51	6.7	67
532	Combined approach to lysis utilizing eptifibatide and recombinant tissue plasminogen activator in acute ischemic stroke-enhanced regimen stroke trial. <i>Stroke</i> , <b>2013</b> , 44, 2381-7	6.7	67
531	Los Angeles Motor Scale to Identify Large Vessel Occlusion: Prehospital Validation and Comparison With Other Screens. <i>Stroke</i> , <b>2018</b> , 49, 565-572	6.7	66
530	Age dependency of successful recanalization in anterior circulation stroke: the ENDOSTROKE study. <i>Cerebrovascular Diseases</i> , <b>2013</b> , 36, 437-45	3.2	66
529	Remote Ischemic Conditioning May Improve Outcomes of Patients With Cerebral Small-Vessel Disease. <i>Stroke</i> , <b>2017</b> , 48, 3064-3072	6.7	65
528	Endovascular Hypothermia in Acute Ischemic Stroke: Pilot Study of Selective Intra-Arterial Cold Saline Infusion. <i>Stroke</i> , <b>2016</b> , 47, 1933-5	6.7	65
527	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> , <b>2020</b> , 51, 1896-1901	6.7	64
526	Thrombectomy for Distal, Medium Vessel Occlusions: A Consensus Statement on Present Knowledge and Promising Directions. <i>Stroke</i> , <b>2020</b> , 51, 2872-2884	6.7	64
525	Optimizing prediction scores for poor outcome after intra-arterial therapy in anterior circulation acute ischemic stroke. <i>Stroke</i> , <b>2013</b> , 44, 3324-30	6.7	63

524	Imaging the future of stroke: I. Ischemia. <i>Annals of Neurology</i> , <b>2009</b> , 66, 574-90	9.4	62
523	The hyperdense vessel sign on CT predicts successful recanalization with the Merci device in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , <b>2013</b> , 5, 289-93	7.8	61
522	Clarifying differences among thrombolysis in cerebral infarction scale variants: is the artery half open or half closed?. <i>Stroke</i> , <b>2013</b> , 44, 1166-8	6.7	60
521	Predictors of subarachnoid hemorrhage in acute ischemic stroke with endovascular therapy. <i>Stroke</i> , <b>2010</b> , 41, 2775-81	6.7	60
520	Leukoaraiosis predicts parenchymal hematoma after mechanical thrombectomy in acute ischemic stroke. <i>Stroke</i> , <b>2012</b> , 43, 1806-11	6.7	60
519	Treatment and Outcome of Thrombolysis-Related Hemorrhage: A Multicenter Retrospective Study. <i>JAMA Neurology</i> , <b>2015</b> , 72, 1451-7	17.2	59
518	Impact of Collateral Status on Successful Revascularization in Endovascular Treatment: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , <b>2016</b> , 41, 27-34	3.2	59
517	Altered hemodynamics and regional cerebral blood flow in patients with hemodynamically significant stenoses. <i>Stroke</i> , <b>2006</b> , 37, 382-7	6.7	59
516	Preserving stroke care during the COVID-19 pandemic: Potential issues and solutions. <i>Neurology</i> , <b>2020</b> , 95, 124-133	6.5	58
515	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> , <b>2013</b> , 10, 828-32	3.5	58
514	Collateral vessels in proximal middle cerebral artery occlusion: the ENDOSTROKE study. <i>Radiology</i> , <b>2015</b> , 274, 851-8	20.5	58
513	Impact of Balloon Guide Catheter Use on Clinical and Angiographic Outcomes in the STRATIS Stroke Thrombectomy Registry. <i>Stroke</i> , <b>2019</b> , 50, 697-704	6.7	58
512	FDG-PET findings in patients with suspected encephalitis. <i>Clinical Nuclear Medicine</i> , <b>2004</b> , 29, 620-5	1.7	57
511	Impact of Target Arterial Residual Stenosis on Outcome After Endovascular Revascularization. <i>Stroke</i> , <b>2016</b> , 47, 1850-7	6.7	57
510	Neurothrombectomy for the treatment of acute ischemic stroke: results from the TREVO study. <i>Cerebrovascular Diseases</i> , <b>2013</b> , 36, 218-25	3.2	56
509	Association Between Hyperacute Stage Blood Pressure Variability and Outcome in Patients With Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , <b>2018</b> , 49, 348-354	6.7	55
508	Pretreatment blood-brain barrier damage and post-treatment intracranial hemorrhage in patients receiving intravenous tissue-type plasminogen activator. <i>Stroke</i> , <b>2014</b> , 45, 2030-5	6.7	55
507	M2 occlusions as targets for endovascular therapy: comprehensive analysis of diffusion/perfusion MRI, angiography, and clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , <b>2015</b> , 7, 478-83	7.8	54

506	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> , <b>2018</b> , 10, 1137-1142	7.8	54
505	Infarct patterns, collaterals and likely causative mechanisms of stroke in symptomatic intracranial atherosclerosis. <i>Cerebrovascular Diseases</i> , <b>2014</b> , 37, 417-22	3.2	54
504	Genomic profiles of damage and protection in human intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2008</b> , 28, 1860-75	7.3	54
503	Cerebrovascular events and outcomes in hospitalized patients with COVID-19: The SVIN COVID-19 Multinational Registry. <i>International Journal of Stroke</i> , <b>2021</b> , 16, 437-447	6.3	54
502	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> , <b>2017</b> , 494, 144-151	3.4	53
501	Novel Screening Tool for Stroke Using Artificial Neural Network. <i>Stroke</i> , <b>2017</b> , 48, 1678-1681	6.7	52
500	Thrombectomy for Stroke in the Public Health Care System of Brazil. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 2316-2326	59.2	52
499	Modified National Institutes of Health Stroke Scale can be estimated from medical records. <i>Stroke</i> , <b>2003</b> , 34, 568-70	6.7	52
498	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> , <b>2018</b> , 293, 20041-20050	5.4	52
497	Diabetes mellitus, acute hyperglycemia, and ischemic stroke. <i>Current Treatment Options in Neurology</i> , <b>2010</b> , 12, 492-503	4.4	50
496	Frequency of Patent Foramen Ovale and Migraine in Patients With Cryptogenic Stroke. <i>Stroke</i> , <b>2018</b> , 49, 1123-1128	6.7	49
495	Hyperintense vessels on acute stroke fluid-attenuated inversion recovery imaging: associations with clinical and other MRI findings. <i>Stroke</i> , <b>2012</b> , 43, 2957-61	6.7	49
494	Association Between CT Angiogram Collaterals and CT Perfusion in the Interventional Management of Stroke III Trial. <i>Stroke</i> , <b>2016</b> , 47, 535-8	6.7	48
493	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> , <b>2014</b> , 9, 220-5	6.3	48
492	Comprehensive stroke centers and the weekend effect: the SPOTRIAS experience. <i>Cerebrovascular Diseases</i> , <b>2012</b> , 34, 424-9	3.2	47
491	Collateral therapeutics for cerebral ischemia. <i>Expert Review of Neurotherapeutics</i> , <b>2004</b> , 4, 255-65	4.3	47
490	Emergent Management of Tandem Lesions in Acute Ischemic Stroke. <i>Stroke</i> , <b>2019</b> , 50, 428-433	6.7	47
489	Strong independent correlation of proteinuria with cerebral microbleeds in patients with stroke and transient ischemic attack. <i>Archives of Neurology</i> , <b>2010</b> , 67, 45-50		46

488	Collateral flow as causative of good outcomes in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , <b>2016</b> , 8, 2-7	7.8	45
487	MR mismatch profiles in patients with intracranial atherosclerotic stroke: a comprehensive approach comparing stroke subtypes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2009</b> , 29, 1138-45	7.3	45
486	Mechanical thrombectomy versus intrasinus thrombolysis for cerebral venous sinus thrombosis: a non-randomized comparison. <i>Interventional Neuroradiology</i> , <b>2014</b> , 20, 336-44	1.9	44
485	Reperfusion for acute ischemic stroke: arterial revascularization and collateral therapeutics. <i>Current Opinion in Neurology</i> , <b>2010</b> , 23, 36-45	7.1	44
484	Evidence of publication bias in reporting acute stroke clinical trials. <i>Neurology</i> , <b>2006</b> , 67, 973-9	6.5	44
483	Blood Pressure in Acute Ischemic Stroke. <i>Journal of Clinical Neurology (Korea)</i> , <b>2016</b> , 12, 137-46	1.7	44
482	Noninvasive fractional flow on MRA predicts stroke risk of intracranial stenosis. <i>Journal of Neuroimaging</i> , <b>2015</b> , 25, 87-91	2.8	43
481	THRIVE score predicts outcomes with a third-generation endovascular stroke treatment device in the TREVO-2 trial. <i>Stroke</i> , <b>2013</b> , 44, 3370-5	6.7	43
480	Association of serum bilirubin with ischemic stroke outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2008</b> , 17, 147-52	2.8	43
479	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> , <b>2011</b> , 42, 3144-9	6.7	42
478	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> , <b>2018</b> , 38, 1839-1847	7.3	42
477	Principles of precision medicine in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 54-61	5.5	41
476	Outcomes of tailored angioplasty and/or stenting for symptomatic intracranial atherosclerosis: a prospective cohort study after SAMMPRIS. <i>Journal of NeuroInterventional Surgery</i> , <b>2015</b> , 7, 331-5	7.8	41
475	Carotid I $\oplus$ , L $\oplus$ and T $\oplus$ : collaterals shape the outcome of intracranial carotid occlusion in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , <b>2015</b> , 7, 402-7	7.8	41
474	Factors Associated with 90-Day Outcomes of Patients with Acute Posterior Circulation Stroke Treated By Mechanical Thrombectomy. <i>World Neurosurgery</i> , <b>2018</b> , 109, e318-e328	2.1	41
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185	Early Magnetic Resonance Imaging Predicts Early Neurological Deterioration in Acute Middle Cerebral Artery Minor Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2016</b> , 25, 469-74	2.8	5
184	Nephrotic syndrome. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2014</b> , 119, 405-15	3	5
183	Thrombolysis in ischemic strokes with no arterial occlusion. <i>International Journal of Stroke</i> , <b>2013</b> , 8, 588-90,	6.3	5

182	Data considerations in ischemic stroke trials. <i>Neurological Research</i> , <b>2014</b> , 36, 423-6	2.7	5
181	Prognostic value of Framingham Cardiovascular Risk Score in hospitalized stroke patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2011</b> , 20, 222-6	2.8	5
180	Age-distinct predictors of symptomatic cervicocephalic atherosclerosis. <i>Cerebrovascular Diseases</i> , <b>2009</b> , 27, 13-21	3.2	5
179	Impact of reperfusion after 3 hours of symptom onset on tissue fate in acute cerebral ischemia. <i>Journal of Neuroimaging</i> , <b>2009</b> , 19, 317-22	2.8	5
178	An extended model of intracranial latency facilitates non-invasive detection of cerebrovascular changes. <i>Journal of Neuroscience Methods</i> , <b>2011</b> , 197, 171-9	3	5
177	Elucidating the mechanism of posterior reversible encephalopathy syndrome: a case of transient blindness after central venous catheterization. <i>Neurologist</i> , <b>2012</b> , 18, 391-4	1.6	5
176	Imaging the future of stroke: II. Hemorrhage. <i>Annals of Neurology</i> , <b>2010</b> , 68, 581-92	9.4	5
175	Acute ischaemic stroke associated with SARS-CoV-2 infection in North America.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2022</b> ,	5.5	5
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173	Prognostic value of subclinical thyroid dysfunction in ischemic stroke patients treated with intravenous thrombolysis. <i>Aging</i> , <b>2019</b> , 11, 6839-6850	5.6	5
172	Neuroimaging of Acute Stroke. <i>Neurologic Clinics</i> , <b>2020</b> , 38, 185-199	4.5	5
171	Circadian Biology and Stroke. <i>Stroke</i> , <b>2021</b> , 52, 2180-2190	6.7	5
170	Middle Cerebral Artery Plaque Hyperintensity on T2-Weighted Vessel Wall Imaging Is Associated with Ischemic Stroke. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 1886-1892	4.4	5
169	Single-phase CT angiography: collateral grade is independent of scan weighting. <i>Neuroradiology</i> , <b>2019</b> , 61, 19-28	3.2	5
168	Incremental value of plaque enhancement in predicting stroke recurrence in symptomatic intracranial atherosclerosis. <i>Neuroradiology</i> , <b>2020</b> , 62, 1123-1131	3.2	5
167	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> , <b>2021</b> , 16, 100-109	6.3	5
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164	Predictors of Infarct Growth Measured by Apparent Diffusion Coefficient Quantification in Patients with Acute Ischemic Stroke. <i>World Neurosurgery</i> , <b>2019</b> , 123, e797-e802	2.1	4
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161	Mechanical thrombectomy with a novel device: initial clinical experience with the ANA thrombectomy device. <i>Journal of Neuroradiology</i> , <b>2020</b> ,	3.1	4
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153	Direct Oral Anticoagulants Versus Warfarin in the Treatment of Cerebral Venous Thrombosis (ACTION-CVT): A Multicenter International Study.. <i>Stroke</i> , <b>2022</b> , STROKEAHA121037541	6.7	4
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146	Big Data for a Big Problem: Precision Medicine of Stroke in Neurocritical Care. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 1189-1191	1.4	4
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140	Paramedic Global Impression of Change During Prehospital Evaluation and Transport for Acute Stroke. <i>Stroke</i> , <b>2020</b> , 51, 784-791	6.7	3
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114	Incomplete mechanical recanalization of middle cerebral artery occlusions facilitates endogenous recanalization within 5 h. <i>Journal of NeuroInterventional Surgery</i> , <b>2013</b> , 5, 217-20	7.8	2
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111	Analysis of Thrombi Retrieved from Cerebral Arteries of Patients with Acute Ischemic Stroke.. <i>Blood</i> , <b>2005</b> , 106, 263-263	2.2	2

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103	National Institutes of Health StrokeNet Training Core. <i>Stroke</i> , <b>2020</b> , 51, 347-352	6.7	2
102	Influence of time to endovascular stroke treatment on outcomes in the early versus extended window paradigms. <i>International Journal of Stroke</i> , <b>2021</b> , 17474930211006304	6.3	2
101	Frequency, Determinants, and Outcomes of Emboli to Distal and New Territories Related to Mechanical Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , <b>2021</b> , 52, 2241-2249	6.7	2
100	Peri-procedural stroke or death in stenting of symptomatic severe intracranial stenosis. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 374-379	7.8	2
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97	Education Research: Challenges Faced by Neurology Trainees in a Neuro-Intervention Career Track. <i>Neurology</i> , <b>2021</b> , 96, e2028-e2032	6.5	2
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95	Reporting and Dissemination of Clinical Trials in Neurology. <i>JAMA Neurology</i> , <b>2018</b> , 75, 1573	17.2	2
94	Imaging Patterns of Recurrent Infarction in the Mechanisms of Early Recurrence in Intracranial Atherosclerotic Disease (MyRIAD) Study. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 615094	4.1	2
93	Accuracy of Automated Computer-Aided Diagnosis for Stroke Imaging: A Critical Evaluation of Current Evidence.. <i>Stroke</i> , <b>2022</b> , 101161STROKEAHA121036204	6.7	2

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91	Cerebral Angiography <b>2016</b> , 790-805		1
90	Intracranial Atherosclerosis <b>2016</b> , 205-232		1
89	Incidence, Etiology, and Outcomes of Altered Mental Status in the Perioperative Setting of Liver Transplantation. <i>Neurohospitalist, The</i> , <b>2018</b> , 8, 124-128	1.1	1
88	Subject Retention in Prehospital Stroke Research Using a Telephone-Based Physician-Investigator Driven Enrollment Method. <i>Cerebrovascular Diseases Extra</i> , <b>2019</b> , 9, 72-76	2.1	1
87	Sigmoid Sinus Characteristics Correlate with Early Clinical and Imaging Surrogates in Anterior Circulation Ischemic Stroke. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 5583-5589	6.2	1
86	Noninvasive Qureshi Grading Scheme Predicts 90-Day mRS in Patients with Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , <b>2015</b> , 25, 761-5	2.8	1
85	Cerebral Angiography <b>2011</b> , 910-925		1
84	No-go to tissue plasminogen activator for transient ischemic attack. <i>Stroke</i> , <b>2010</b> , 41, 3005-6	6.7	1
83	Anatomy of Intracranial Arteries <b>2009</b> , 1-18		1
82	Informed consent in acute stroke. <i>Stroke</i> , <b>2007</b> , 38, e129-30	6.7	1
81	Abstract 90: Geometric Characteristics of Middle Cerebral Artery Atherosclerosis and Clinical Stroke. <i>Stroke</i> , <b>2018</b> , 49,	6.7	1
80	Abstract TMP71: Marked Circadian Variation in Number and Type of Hyperacute Strokes During the 24 Hour Day-Night Cycle. <i>Stroke</i> , <b>2020</b> , 51,	6.7	1
79	Intracranial atherosclerosis: Review of imaging features and advances in diagnostics.. <i>International Journal of Stroke</i> , <b>2022</b> , 17474930211066427	6.3	1
78	Commentary: Theranostics for stroke: Precision medicine is about tailoring therapy to the mechanism of ischemia. <i>Neurology India</i> , <b>2018</b> , 66, 526-528	0.7	1
77	Duplicated origin of vertebral artery. <i>Neurology India</i> , <b>2017</b> , 65, 679-680	0.7	1
76	Heterogeneity between proximal and distal aspects of occlusive thrombi on pretreatment imaging in acute ischemic stroke. <i>Neuroradiology Journal</i> , <b>2021</b> , 19714009211049713	2	1
75	Intracranial Collateral Routes and Anastomoses in Interventional Neuroradiology <b>2007</b> , 57-86		1

74	Efficient Multimodal MRI Evaluation for Endovascular Thrombectomy of Anterior Circulation Large Vessel Occlusion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2020</b> , 29, 105271	2.8	1
73	Abstract 57: Impact of Collaterals on Successful Revascularization in SWIFT. <i>Stroke</i> , <b>2013</b> , 44,	6.7	1
72	Intracranial Atherosclerosis <b>2014</b> , 1-30		1
71	COVID-19 Era Stroke Service: Virtually Normal. <i>Current Treatment Options in Neurology</i> , <b>2020</b> , 22, 39	4.4	1
70	Endovascular thrombectomy 2020: open issues. <i>European Heart Journal Supplements</i> , <b>2020</b> , 22, M13-M18.5		1
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67	ACR Appropriateness Criteria□ Myelopathy: 2021 Update. <i>Journal of the American College of Radiology</i> , <b>2021</b> , 18, S73-S82	3.5	1
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63	Intra-Arterial Thrombolysis after Unsuccessful Mechanical Thrombectomy in the STRATIS Registry. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 708-712	4.4	1
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58	Outcomes Among Patients With Reversible Cerebral Vasoconstriction Syndrome: A Nationwide United States Analysis. <i>Stroke</i> , <b>2021</b> , 52, 3970-3977	6.7	1
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55	Associations between systemic blood pressure parameters and intraplaque hemorrhage in symptomatic intracranial atherosclerosis: a high-resolution MRI-based study. <i>Hypertension Research</i> , <b>2020</b> , 43, 688-695	4.7	0
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52	Aspiring to an improved aspiration literature. <i>Journal of NeuroInterventional Surgery</i> , <b>2018</b> , 10, 923-924	7.8	0
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47	The Effect of Early Treatment with Intravenous Magnesium Sulfate on the Incidence of Cardiac Comorbidities in Hospitalized Stroke Patients. <i>Cardiovascular Therapeutics</i> , <b>2020</b> , 2020, 1494506	3.3	0
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