

Jeffrey L. Saver

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

690 papers	58,653 citations	113 h-index	229 g-index
749 ext. papers	69,886 ext. citations	8 avg, IF	7.7 L-index

#	Paper	IF	Citations
690	Guidelines for the early management of patients with acute ischemic stroke: a guideline for healthcare professionals from the American Heart Association/American Stroke Association. <i>Stroke</i> , 2013 , 44, 870-947	6.7	3424
689	Endovascular thrombectomy after large-vessel ischaemic stroke: a meta-analysis of individual patient data from five randomised trials. <i>Lancet, The</i> , 2016 , 387, 1723-31	40	3398
688	Stent-retriever thrombectomy after intravenous t-PA vs. t-PA alone in stroke. <i>New England Journal of Medicine</i> , 2015 , 372, 2285-95	59.2	3234
687	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
686	Definition and evaluation of transient ischemic attack: a scientific statement for healthcare professionals from the American Heart Association/American Stroke Association Stroke Council; Council on Cardiovascular Surgery and Anesthesia; Council on Cardiovascular Radiology and Intervention; Council on Cardiovascular Nursing, and the Interdisciplinary Council on Peripheral Vascular Disease. The American Academy of Neurology affirms the value of this statement as an educational tool for neurologists. <i>Stroke</i> , 2009 , 40, 2276-93	6.7	1230
685	The impact of recanalization on ischemic stroke outcome: a meta-analysis. <i>Stroke</i> , 2007 , 38, 967-73	6.7	1151
684	Time is brain--quantified. <i>Stroke</i> , 2006 , 37, 263-6	6.7	1106
683	Time to Treatment With Endovascular Thrombectomy and Outcomes From Ischemic Stroke: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 1279-88	27.4	1091
682	Safety and efficacy of mechanical embolectomy in acute ischemic stroke: results of the MERCI trial. <i>Stroke</i> , 2005 , 36, 1432-8	6.7	1066
681	A trial of imaging selection and endovascular treatment for ischemic stroke. <i>New England Journal of Medicine</i> , 2013 , 368, 914-23	59.2	1050
680	Solitaire flow restoration device versus the Merci Retriever in patients with acute ischaemic stroke (SWIFT): a randomised, parallel-group, non-inferiority trial. <i>Lancet, The</i> , 2012 , 380, 1241-9	40	1039
679	Mechanical thrombectomy for acute ischemic stroke: final results of the Multi MERCI trial. <i>Stroke</i> , 2008 , 39, 1205-12	6.7	1032
678	Recommendations on angiographic revascularization grading standards for acute ischemic stroke: a consensus statement. <i>Stroke</i> , 2013 , 44, 2650-63	6.7	884
677	Closure of patent foramen ovale versus medical therapy after cryptogenic stroke. <i>New England Journal of Medicine</i> , 2013 , 368, 1092-100	59.2	667
676	Expansion of the time window for treatment of acute ischemic stroke with intravenous tissue plasminogen activator: a science advisory from the American Heart Association/American Stroke Association. <i>Stroke</i> , 2009 , 40, 2945-8	6.7	639
675	Transient ischemic attack--proposal for a new definition. <i>New England Journal of Medicine</i> , 2002 , 347, 1713-6	59.2	622
674	Thrombolytic reversal of acute human cerebral ischemic injury shown by diffusion/perfusion magnetic resonance imaging. <i>Annals of Neurology</i> , 2000 , 47, 462-469	9.4	574

673	Long-Term Outcomes of Patent Foramen Ovale Closure or Medical Therapy after Stroke. <i>New England Journal of Medicine</i> , 2017 , 377, 1022-1032	59.2	534
672	Diffusion MRI in patients with transient ischemic attacks. <i>Stroke</i> , 1999 , 30, 1174-80	6.7	502
671	Comparison of MRI and CT for detection of acute intracerebral hemorrhage. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 292, 1823-30	27.4	500
670	Time to treatment with intravenous tissue plasminogen activator and outcome from acute ischemic stroke. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 2480-8	27.4	495
669	Forecasting the future of stroke in the United States: a policy statement from the American Heart Association and American Stroke Association. <i>Stroke</i> , 2013 , 44, 2361-75	6.7	448
668	Timeliness of tissue-type plasminogen activator therapy in acute ischemic stroke: patient characteristics, hospital factors, and outcomes associated with door-to-needle times within 60 minutes. <i>Circulation</i> , 2011 , 123, 750-8	16.7	426
667	Scientific Rationale for the Inclusion and Exclusion Criteria for Intravenous Alteplase in Acute Ischemic Stroke: A Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2016 , 47, 581-641	6.7	423
666	Preserved access and processing of social knowledge in a patient with acquired sociopathy due to ventromedial frontal damage. <i>Neuropsychologia</i> , 1991 , 29, 1241-9	3.2	402
665	Beyond mismatch: evolving paradigms in imaging the ischemic penumbra with multimodal magnetic resonance imaging. <i>Stroke</i> , 2003 , 34, 2729-35	6.7	398
664	MERCI 1: a phase 1 study of Mechanical Embolus Removal in Cerebral Ischemia. <i>Stroke</i> , 2004 , 35, 2848-54	6.7	389
663	Collateral flow predicts response to endovascular therapy for acute ischemic stroke. <i>Stroke</i> , 2011 , 42, 693-9	6.7	382
662	Door-to-needle times for tissue plasminogen activator administration and clinical outcomes in acute ischemic stroke before and after a quality improvement initiative. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1632-40	27.4	353
661	CT and MRI early vessel signs reflect clot composition in acute stroke. <i>Stroke</i> , 2011 , 42, 1237-43	6.7	350
660	Identifying stroke in the field. Prospective validation of the Los Angeles prehospital stroke screen (LAPSS). <i>Stroke</i> , 2000 , 31, 71-6	6.7	338
659	Dabigatran for Prevention of Stroke after Embolic Stroke of Undetermined Source. <i>New England Journal of Medicine</i> , 2019 , 380, 1906-1917	59.2	317
658	Magnetic resonance imaging detection of microbleeds before thrombolysis: an emerging application. <i>Stroke</i> , 2002 , 33, 95-8	6.7	308
657	Analysis of thrombi retrieved from cerebral arteries of patients with acute ischemic stroke. <i>Stroke</i> , 2006 , 37, 2086-93	6.7	299
656	Stroke declines from third to fourth leading cause of death in the United States: historical perspective and challenges ahead. <i>Stroke</i> , 2011 , 42, 2351-5	6.7	290

655	Intracranial vascular stenosis and occlusive disease: evaluation with CT angiography, MR angiography, and digital subtraction angiography. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1012-2144	14.4	289
654	Low glomerular filtration rate and risk of stroke: meta-analysis. <i>BMJ, The</i> , 2010 , 341, c4249	5.9	276
653	Characteristics, performance measures, and in-hospital outcomes of the first one million stroke and transient ischemic attack admissions in get with the guidelines-stroke. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2010 , 3, 291-302	5.8	254
652	Improving door-to-needle times in acute ischemic stroke: the design and rationale for the American Heart Association/American Stroke Association Target: Stroke initiative. <i>Stroke</i> , 2011 , 42, 2983-9	6.7	254
651	Prehospital use of magnesium sulfate as neuroprotection in acute stroke. <i>New England Journal of Medicine</i> , 2015 , 372, 528-36	59.2	242
650	Impact on stroke subtype diagnosis of early diffusion-weighted magnetic resonance imaging and magnetic resonance angiography. <i>Stroke</i> , 2000 , 31, 1081-9	6.7	219
649	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
648	Endovascular stent thrombectomy: the new standard of care for large vessel ischaemic stroke. <i>Lancet Neurology, The</i> , 2015 , 14, 846-854	24.1	217
647	Addition of brain and carotid imaging to the ABCD ² score to identify patients at early risk of stroke after transient ischaemic attack: a multicentre observational study. <i>Lancet Neurology, The</i> , 2010 , 9, 1060-9	24.1	210
646	Trends in acute ischemic stroke trials through the 20th century. <i>Stroke</i> , 2001 , 32, 1349-59	6.7	196
645	Solitaire ² with the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke (SWIFT PRIME) trial: protocol for a randomized, controlled, multicenter study comparing the Solitaire revascularization device with IV tPA with IV tPA alone in acute ischemic stroke. <i>International Journal of Stroke</i> , 2015 , 10, 439-48	6.3	195
644	Stroke thrombolysis: save a minute, save a day. <i>Stroke</i> , 2014 , 45, 1053-8	6.7	195
643	Collaterals dramatically alter stroke risk in intracranial atherosclerosis. <i>Annals of Neurology</i> , 2011 , 69, 963-74	9.4	195
642	Infarct volume as a surrogate or auxiliary outcome measure in ischemic stroke clinical trials. The RANTTAS Investigators. <i>Stroke</i> , 1999 , 30, 293-8	6.7	195
641	Collateral flow averts hemorrhagic transformation after endovascular therapy for acute ischemic stroke. <i>Stroke</i> , 2011 , 42, 2235-9	6.7	190
640	Prehospital neuroprotective therapy for acute stroke: results of the Field Administration of Stroke Therapy-Magnesium (FAST-MAG) pilot trial. <i>Stroke</i> , 2004 , 35, e106-8	6.7	189
639	Temporal Trends in Patient Characteristics and Treatment With Intravenous Thrombolysis Among Acute Ischemic Stroke Patients at Get With the Guidelines Stroke Hospitals. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 543-549	5.8	187
638	Risk score for in-hospital ischemic stroke mortality derived and validated within the Get With the Guidelines-Stroke Program. <i>Circulation</i> , 2010 , 122, 1496-504	16.7	187

637	Early neutrophilia is associated with volume of ischemic tissue in acute stroke. <i>Stroke</i> , 2008 , 39, 355-60	6.7	186
636	Statistical analysis of the primary outcome in acute stroke trials. <i>Stroke</i> , 2012 , 43, 1171-8	6.7	180
635	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
634	Analysis of Workflow and Time to Treatment and the Effects on Outcome in Endovascular Treatment of Acute Ischemic Stroke: Results from the SWIFT PRIME Randomized Controlled Trial. <i>Radiology</i> , 2016 , 279, 888-97	20.5	178
633	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
632	Late secondary ischemic injury in patients receiving intraarterial thrombolysis. <i>Annals of Neurology</i> , 2002 , 52, 698-703	9.4	169
631	Clinical usefulness of a biomarker-based diagnostic test for acute stroke: the Biomarker Rapid Assessment in Ischemic Injury (BRAIN) study. <i>Stroke</i> , 2009 , 40, 77-85	6.7	168
630	Safety and Efficacy of Solitaire Stent Thrombectomy: Individual Patient Data Meta-Analysis of Randomized Trials. <i>Stroke</i> , 2016 , 47, 798-806	6.7	166
629	Predictors of hemorrhagic transformation in patients receiving intra-arterial thrombolysis. <i>Stroke</i> , 2002 , 33, 717-24	6.7	166
628	Perfusion-weighted magnetic resonance imaging thresholds identifying core, irreversibly infarcted tissue. <i>Stroke</i> , 2003 , 34, 1425-30	6.7	164
627	Comprehensive overview of nursing and interdisciplinary care of the acute ischemic stroke patient: a scientific statement from the American Heart Association. <i>Stroke</i> , 2009 , 40, 2911-44	6.7	163
626	Cranial computed tomography interpretation in acute stroke: physician accuracy in determining eligibility for thrombolytic therapy. <i>JAMA - Journal of the American Medical Association</i> , 1998 , 279, 1293-7	37.4	163
625	Efficacy of fibrates for cardiovascular risk reduction in persons with atherogenic dyslipidemia: a meta-analysis. <i>Atherosclerosis</i> , 2011 , 217, 492-8	3.1	159
624	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
623	Implementation strategies for emergency medical services within stroke systems of care: a policy statement from the American Heart Association/American Stroke Association Expert Panel on Emergency Medical Services Systems and the Stroke Council. <i>Stroke</i> , 2007 , 38, 3097-115	6.7	155
622	CLINICAL PRACTICE. Cryptogenic Stroke. <i>New England Journal of Medicine</i> , 2016 , 374, 2065-74	59.2	155
621	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
620	Device Closure of Patent Foramen Ovale After Stroke: Pooled Analysis of Completed Randomized Trials. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 907-917	15.1	152

619	Age-related differences in characteristics, performance measures, treatment trends, and outcomes in patients with ischemic stroke. <i>Circulation</i> , 2010 , 121, 879-91	16.7	152
618	Treatment time-specific number needed to treat estimates for tissue plasminogen activator therapy in acute stroke based on shifts over the entire range of the modified Rankin Scale. <i>Stroke</i> , 2009 , 40, 2079-84	6.7	152
617	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
616	Risk score for intracranial hemorrhage in patients with acute ischemic stroke treated with intravenous tissue-type plasminogen activator. <i>Stroke</i> , 2012 , 43, 2293-9	6.7	151
615	Leukoaraiosis is a risk factor for symptomatic intracerebral hemorrhage after thrombolysis for acute stroke. <i>Stroke</i> , 2006 , 37, 2463-6	6.7	151
614	Extending reperfusion therapy for acute ischemic stroke: emerging pharmacological, mechanical, and imaging strategies. <i>Stroke</i> , 2005 , 36, 2311-20	6.7	150
613	Emergency medical service hospital prenotification is associated with improved evaluation and treatment of acute ischemic stroke. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2012 , 5, 514-22	5.8	149
612	The "golden hour" and acute brain ischemia: presenting features and lytic therapy in >30,000 patients arriving within 60 minutes of stroke onset. <i>Stroke</i> , 2010 , 41, 1431-9	6.7	147
611	Endovascular treatment of dural sinus thrombosis with rheolytic thrombectomy and intra-arterial thrombolysis. <i>Stroke</i> , 2000 , 31, 1420-5	6.7	145
610	Interactions within stroke systems of care: a policy statement from the American Heart Association/American Stroke Association. <i>Stroke</i> , 2013 , 44, 2961-84	6.7	143
609	Quantifying the value of stroke disability outcomes: WHO global burden of disease project disability weights for each level of the modified Rankin Scale. <i>Stroke</i> , 2009 , 40, 3828-33	6.7	143
608	In-hospital initiation of secondary stroke prevention therapies yields high rates of adherence at follow-up. <i>Stroke</i> , 2004 , 35, 2879-83	6.7	141
607	Effect of Alteplase vs Aspirin on Functional Outcome for Patients With Acute Ischemic Stroke and Minor Nondisabling Neurologic Deficits: The PRISMS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 156-166	27.4	140
606	Cerebral white matter hyperintensities on MRI: Current concepts and therapeutic implications. <i>Cerebrovascular Diseases</i> , 2006 , 22, 83-90	3.2	139
605	Novel end point analytic techniques and interpreting shifts across the entire range of outcome scales in acute stroke trials. <i>Stroke</i> , 2007 , 38, 3055-62	6.7	138
604	Number needed to treat estimates incorporating effects over the entire range of clinical outcomes: novel derivation method and application to thrombolytic therapy for acute stroke. <i>Archives of Neurology</i> , 2004 , 61, 1066-70		138
603	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. <i>Lancet Neurology, The</i> , 2018 , 17, 47-53	24.1	138
602	Effect of pre-diabetes on future risk of stroke: meta-analysis. <i>BMJ, The</i> , 2012 , 344, e3564	5.9	136

601	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013 , 44, 2628-39	6.7	133
600	Annual incidence of first silent stroke in the United States: a preliminary estimate. <i>Cerebrovascular Diseases</i> , 2003 , 16, 280-5	3.2	132
599	eTICI reperfusion: defining success in endovascular stroke therapy. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 433-438	7.8	131
598	Mobile stroke units for prehospital thrombolysis, triage, and beyond: benefits and challenges. <i>Lancet Neurology</i> , <i>The</i> , 2017 , 16, 227-237	24.1	130
597	Association of Intracerebral Hemorrhage Among Patients Taking Non-Vitamin K Antagonist vs Vitamin K Antagonist Oral Anticoagulants With In-Hospital Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 463-473	27.4	129
596	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
595	Comparison of 30-day mortality models for profiling hospital performance in acute ischemic stroke with vs without adjustment for stroke severity. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 257-64	27.4	126
594	Angiography reveals that fluid-attenuated inversion recovery vascular hyperintensities are due to slow flow, not thrombus. <i>American Journal of Neuroradiology</i> , 2009 , 30, 564-8	4.4	125
593	Efficacy of intra-arterial fibrinolysis for acute ischemic stroke: meta-analysis of randomized controlled trials. <i>Stroke</i> , 2010 , 41, 932-7	6.7	122
592	Improving the reliability of stroke disability grading in clinical trials and clinical practice: the Rankin Focused Assessment (RFA). <i>Stroke</i> , 2010 , 41, 992-5	6.7	122
591	Declining stroke and vascular event recurrence rates in secondary prevention trials over the past 50 years and consequences for current trial design. <i>Circulation</i> , 2011 , 123, 2111-9	16.7	122
590	Why are acute ischemic stroke patients not receiving IV tPA? Results from a national registry. <i>Neurology</i> , 2016 , 87, 1565-1574	6.5	121
589	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
588	A midlife stroke surge among women in the United States. <i>Neurology</i> , 2007 , 69, 1898-904	6.5	120
587	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
586	Ischemic Strokes Due to Large-Vessel Occlusions Contribute Disproportionately to Stroke-Related Dependence and Death: A Review. <i>Frontiers in Neurology</i> , 2017 , 8, 651	4.1	118
585	Future directions of acute ischaemic stroke therapy. <i>Lancet Neurology</i> , <i>The</i> , 2015 , 14, 758-67	24.1	118
584	Impact of collaterals on successful revascularization in Solitaire FR with the intention for thrombectomy. <i>Stroke</i> , 2014 , 45, 2036-40	6.7	117

583	Time to endovascular reperfusion and degree of disability in acute stroke. <i>Annals of Neurology</i> , 2015 , 78, 584-93	9.4	116
582	Transcranial Doppler pulsatility indices as a measure of diffuse small-vessel disease. <i>Journal of Neuroimaging</i> , 2001 , 11, 229-35	2.8	116
581	Ischemic core and hypoperfusion volumes predict infarct size in SWIFT PRIME. <i>Annals of Neurology</i> , 2016 , 79, 76-89	9.4	114
580	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
579	Patterns of emergency medical services use and its association with timely stroke treatment: findings from Get With the Guidelines-Stroke. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 262-9	5.8	111
578	Temporal trends in patient characteristics and treatment with intravenous thrombolysis among acute ischemic stroke patients at Get With The Guidelines-Stroke hospitals. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 543-9	5.8	111
577	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
576	Efficacy of homocysteine-lowering therapy with folic Acid in stroke prevention: a meta-analysis. <i>Stroke</i> , 2010 , 41, 1205-12	6.7	107
575	Evolving paradigms in neuroimaging of the ischemic penumbra. <i>Stroke</i> , 2004 , 35, 2662-5	6.7	107
574	Treatment effects for which shift or binary analyses are advantageous in acute stroke trials. <i>Neurology</i> , 2009 , 72, 1310-5	6.5	106
573	Adopting a Patient-Centered Approach to Primary Outcome Analysis of Acute Stroke Trials Using a Utility-Weighted Modified Rankin Scale. <i>Stroke</i> , 2015 , 46, 2238-43	6.7	105
572	Association Between Time to Treatment With Endovascular Reperfusion Therapy and Outcomes in Patients With Acute Ischemic Stroke Treated in Clinical Practice. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 252-263	27.4	104
571	Hemorrhage after thrombolytic therapy for stroke: the clinically relevant number needed to harm. <i>Stroke</i> , 2007 , 38, 2279-83	6.7	104
570	Design and retrospective analysis of the Los Angeles Prehospital Stroke Screen (LAPSS). <i>Prehospital Emergency Care</i> , 1998 , 2, 267-73	2.8	101
569	Standardizing the structure of stroke clinical and epidemiologic research data: the National Institute of Neurological Disorders and Stroke (NINDS) Stroke Common Data Element (CDE) project. <i>Stroke</i> , 2012 , 43, 967-73	6.7	100
568	Anticoagulants and antiplatelet agents in acute ischemic stroke: report of the Joint Stroke Guideline Development Committee of the American Academy of Neurology and the American Stroke Association (a division of the American Heart Association). <i>Stroke</i> , 2002 , 33, 1934-42	6.7	100
567	Mechanical thrombectomy for acute ischemic stroke with occlusion of the M2 segment of the middle cerebral artery: a meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 620-624	7.8	98
566	Thrombolytic toxicity: blood brain barrier disruption in human ischemic stroke. <i>Cerebrovascular Diseases</i> , 2008 , 25, 338-43	3.2	97

565	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
564	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
563	Neuroprotective agents for the treatment of acute ischemic stroke. <i>Current Neurology and Neuroscience Reports</i> , 2003 , 3, 9-20	6.6	92
562	Pioglitazone and cardiovascular outcomes in patients with insulin resistance, pre-diabetes and type 2 diabetes: a systematic review and meta-analysis. <i>BMJ Open</i> , 2017 , 7, e013927	3	91
561	Treatment With Tissue Plasminogen Activator in the Golden Hour and the Shape of the 4.5-Hour Time-Benefit Curve in the National United States Get With The Guidelines-Stroke Population. <i>Circulation</i> , 2017 , 135, 128-139	16.7	91
560	Frameless stereotactic aspiration and thrombolysis of deep intracerebral hemorrhage is associated with reduction of hemorrhage volume and neurological improvement. <i>Neurocritical Care</i> , 2005 , 2, 274-81	13.3	91
559	Safety of intra-arterial thrombolysis in the postoperative period. <i>Stroke</i> , 2001 , 32, 1365-9	6.7	91
558	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
557	Relationship of national institutes of health stroke scale to 30-day mortality in medicare beneficiaries with acute ischemic stroke. <i>Journal of the American Heart Association</i> , 2012 , 1, 42-50	6	89
556	Epidemiological impact in the United States of a tissue-based definition of transient ischemic attack. <i>Stroke</i> , 2003 , 34, 919-24	6.7	89
555	Percutaneous left atrial appendage occlusion: the Munich consensus document on definitions, endpoints, and data collection requirements for clinical studies. <i>Europace</i> , 2017 , 19, 4-15	3.9	88
554	Detection of early CT signs of >1/3 middle cerebral artery infarctions : interrater reliability and sensitivity of CT interpretation by physicians involved in acute stroke care. <i>Stroke</i> , 2000 , 31, 1667-71	6.7	87
553	Primary Results of the Multicenter ARISE II Study (Analysis of Revascularization in Ischemic Stroke With EmboTrap). <i>Stroke</i> , 2018 , 49, 1107-1115	6.7	84
552	The Los Angeles Motor Scale (LAMS): a new measure to characterize stroke severity in the field. <i>Prehospital Emergency Care</i> , 2004 , 8, 46-50	2.8	84
551	Direct Mechanical Thrombectomy Versus Combined Intravenous and Mechanical Thrombectomy in Large-Artery Anterior Circulation Stroke: A Topical Review. <i>Stroke</i> , 2017 , 48, 2912-2918	6.7	81
550	Day-90 acute ischemic stroke outcomes can be derived from early functional activity level. <i>Cerebrovascular Diseases</i> , 2010 , 29, 50-6	3.2	81
549	Dispatcher recognition of stroke using the National Academy Medical Priority Dispatch System. <i>Stroke</i> , 2009 , 40, 2027-30	6.7	81
548	Partial aortic occlusion for cerebral perfusion augmentation: safety and efficacy of NeuroFlo in Acute Ischemic Stroke trial. <i>Stroke</i> , 2011 , 42, 1680-90	6.7	81

547	Image-guided endoscopic evacuation of spontaneous intracerebral hemorrhage. <i>World Neurosurgery</i> , 2008 , 69, 441-6; discussion 446		81
546	Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke: Results From the SWIFT-PRIME Trial (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke). <i>Stroke</i> , 2017 , 48, 379-387	6.7	80
545	Confirmation of tPA treatment effect by baseline severity-adjusted end point reanalysis of the NINDS-tPA stroke trials. <i>Stroke</i> , 2007 , 38, 414-6	6.7	80
544	Increase in Endovascular Therapy in Get With The Guidelines-Stroke After the Publication of Pivotal Trials. <i>Circulation</i> , 2017 , 136, 2303-2310	16.7	79
543	Collateral circulation in symptomatic intracranial atherosclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 1293-301	7.3	79
542	Therapeutic milestone: stroke declines from the second to the third leading organ- and disease-specific cause of death in the United States. <i>Stroke</i> , 2010 , 41, 499-503	6.7	78
541	Efficacy of endovascular thrombectomy in patients with M2 segment middle cerebral artery occlusions: meta-analysis of data from the HERMES Collaboration. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 1065-1069	7.8	77
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