

Jeffrey L. Saver

List of Publications by Year in Descending Order

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

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	Prolonged migraine aura resembling ischemic stroke following CoronaVac vaccination: an extended case series.. <i>Journal of Headache and Pain</i> , 2022 , 23, 13	8.8	2
689	Endovascular treatment with versus without tirofiban for stroke patients with large vessel occlusion: The multicenter, randomized, placebo-controlled, double-blind RESCUE BT study protocol.. <i>International Journal of Stroke</i> , 2022 , 17474930211069510	6.3	0
688	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	
687	Association Between Endovascular Therapy Time to Treatment and Outcomes in Patients with Basilar Artery Occlusion.. <i>Circulation</i> , 2022 ,	16.7	0
686	Association of Recent Use of Non-Vitamin K Antagonist Oral Anticoagulants With Intracranial Hemorrhage Among Patients With Acute Ischemic Stroke Treated With Alteplase.. <i>JAMA - Journal of the American Medical Association</i> , 2022 ,	27.4	4
685	Association of ischemic stroke onset time with presenting severity, acute progression, and long-term outcome: A cohort study.. <i>PLoS Medicine</i> , 2022 , 19, e1003910	11.6	2
684	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	
683	Cerebral Angiography 2022 , 699-713.e2		
682	Design of Stroke-Related Clinical Trials 2022 , 944-955.e3		
681	Endovascular Treatment of Acute Ischemic Stroke 2022 , 970-984.e3		
680	Cost-Effectiveness Analysis of Encephaloduroarteriosynangiosis Surgery for Symptomatic Intracranial Atherosclerotic Disease.. <i>Neurosurgery</i> , 2022 , 90, 495-500	3.2	1
679	Temporal Trends in Racial and Ethnic Disparities in Endovascular Therapy in Acute Ischemic Stroke.. <i>Journal of the American Heart Association</i> , 2022 , e023212	6	1
678	Challenges and opportunities in research funding for neurovascular diseases from a clinical researcher's perspective.. <i>Interventional Neuroradiology</i> , 2022 , 15910199221084801	1.9	
677	Outcome prediction in large vessel occlusion ischemic stroke with or without endovascular stroke treatment: THRIVE-EVT.. <i>International Journal of Stroke</i> , 2022 , 17474930221092262	6.3	
676	Lessons Learned From the Historical Trends on Thrombolysis Use for Acute Ischemic Stroke Among Medicare Beneficiaries in the United States.. <i>Frontiers in Neurology</i> , 2022 , 13, 827965	4.1	
675	Magnesium Sulfate and Hematoma Expansion: An Ancillary Analysis of the FAST-MAG Randomized Trial.. <i>Stroke</i> , 2022 , 101161STROKEAHA121037999	6.7	0
674	Treatment Effects in Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale-Reply.. <i>JAMA - Journal of the American Medical Association</i> , 2022 , 327, 1403	27.4	

673	Correlation Between Computed Tomography-Based Tissue Net Water Uptake and Volumetric Measures of Cerebral Edema After Reperfusion Therapy.. <i>Stroke</i> , 2022 , 101161STROKEAHA121037073	6.7	0
672	Fragility Index Meta-Analysis of Randomized Controlled Trials Shows Highly Robust Evidential Strength for Benefit of . <i>Stroke</i> , 2022 , 101161STROKEAHA121038153	6.7	3
671	Beyond the Golden Hour: Treating Acute Stroke in the Platinum 30 Minutes.. <i>Stroke</i> , 2022 , 101161STROKEAHA12103699	6.7	0
670	Endovascular therapy might be a treatment option for mild stroke due to proximal occlusions but not M2 occlusions.. <i>Journal of NeuroInterventional Surgery</i> , 2022 ,	7.8	
669	Heterogeneity of Treatment Effects in an Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale After Stroke.. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 2277-2286	27.4	13
668	INTensive ambulance-delivered blood pressure Reduction in hyper-ACute stroke Trial (INTERACT4): study protocol for a randomized controlled trial. <i>Trials</i> , 2021 , 22, 885	2.8	1
667	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
666	Health economic impact of first-pass success among patients with acute ischemic stroke treated with mechanical thrombectomy: a United States and European perspective. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1117-1123	7.8	5
665	Early lowering of blood pressure after acute intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 ,	5.5	4
664	Collateral Circulation in Thrombectomy for Stroke After 6 to 24 Hours in the DAWN Trial. <i>Stroke</i> , 2021 , STROKEAHA121034471	6.7	3
663	Achieving More Rapid Door-to-Needle Times and Improved Outcomes in Acute Ischemic Stroke in a Nationwide Quality Improvement Intervention. <i>Stroke</i> , 2021 , STROKEAHA121035853	6.7	1
662	Thrombectomy With and Without Computed Tomography Perfusion Imaging in the Early Time Window: A Pooled Analysis of Patient-Level Data. <i>Stroke</i> , 2021 , STROKEAHA121034331	6.7	0
661	Heterogeneity between proximal and distal aspects of occlusive thrombi on pretreatment imaging in acute ischemic stroke. <i>Neuroradiology Journal</i> , 2021 , 19714009211049713	2	1
660	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
659	Benefit of endovascular thrombectomy for M2 middle cerebral artery occlusion in the ARISE II study. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 779-783	7.8	7
658	Effect of age and baseline ASPECTS on outcomes in large-vessel occlusion stroke: results from the HERMES collaboration. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 790-793	7.8	5
657	Association of Antiplatelet Therapy, Including Cilostazol, With Improved Survival in Patients With Moyamoya Disease in a Nationwide Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e017701	6	7
656	The Utility of Domain-Specific End Points in Acute Stroke Trials. <i>Stroke</i> , 2021 , 52, 1154-1161	6.7	1

655	Clinical effectiveness of endovascular stroke treatment in the early and extended time windows. <i>International Journal of Stroke</i> , 2021 , 17474930211005740	6.3	1
654	Role of Intravenous Tissue Plasminogen Activator in Acute Ischemic Stroke with Large Vessel Occlusion. <i>World Neurosurgery</i> , 2021 , 148, e321-e325	2.1	1
653	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
652	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
651	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2021 , 78, 709-717	17.2	6
650	Predictors of Outcomes in Patients With Mild Ischemic Stroke Symptoms: MaRISS. <i>Stroke</i> , 2021 , 52, 1995-2004	6.7	2
649	Intravenous tPA Delays Door-To-Puncture Time in Acute Ischemic Stroke with Large Vessel Occlusion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105732	2.8	1
648	Circadian Biology and Stroke. <i>Stroke</i> , 2021 , 52, 2180-2190	6.7	5
647	Hematoma Expansion Shift Analysis to Assess Acute Intracerebral Hemorrhage Treatments. <i>Neurology</i> , 2021 , 97, e755-e764	6.5	1
646	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
645	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
644	Computed Tomography Perfusion-Based Machine Learning Model Better Predicts Follow-Up Infarction in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 223-231	6.7	4
643	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
642	Intravenous Thrombolysis Before Endovascular Thrombectomy for Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 229-231	27.4	11
641	Encephaloduroarteriosynangiosis Averts Stroke in Atherosclerotic Patients With Border-Zone Infarct: Post Hoc Analysis From a Performance Criterion Phase II Trial. <i>Neurosurgery</i> , 2021 , 88, E312-E318 ^{3,2}	3.2	5
640	Platelet-Derived Growth Factor Is Associated with Progression of Symptomatic Intracranial Atherosclerotic Stenosis. <i>Journal of Clinical Neurology (Korea)</i> , 2021 , 17, 70-76	1.7	1
639	Intense Arm Rehabilitation Therapy Improves the Modified Rankin Scale Score: Association Between Gains in Impairment and Function. <i>Neurology</i> , 2021 , 96, e1812-e1822	6.5	5
638	Perspective on New Class of Radially Adjustable Stentrievors for Acute Ischemic Stroke: Insights from the Multicenter Tiger Trial. <i>World Neurosurgery</i> , 2021 , 151, 291-292	2.1	

637	PRIMED Preclinical Evidence Scoring Tool to Assess Readiness for Translation of Neuroprotection Therapies. <i>Translational Stroke Research</i> , 2021 , 1	7.8	0
636	Endovascular thrombectomy without versus with intravenous thrombolysis in acute ischemic stroke: a non-inferiority meta-analysis of randomized clinical trials. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	9
635	Automatic Acute Stroke Symptom Detection and Emergency Medical Systems Alerting by Mobile Health Technologies: A Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105826	2.8	1
634	Intensive Medical Management to Prevent Large and Small Artery Atherothrombotic Stroke: Time to Expand the Horizon. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 217-218	27.4	1
633	Endovascular Treatment Effect Diminishes With Increasing Thrombus Perviousness: Pooled Data From 7 Trials on Acute Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 3633-3641	6.7	3
632	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
631	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
630	Acute Stroke Imaging Research Roadmap IV: Imaging Selection and Outcomes in Acute Stroke Clinical Trials and Practice. <i>Stroke</i> , 2021 , 52, 2723-2733	6.7	4
629	Access to Mechanical Thrombectomy for Ischemic Stroke in the United States. <i>Stroke</i> , 2021 , 52, 2554-2561	6.7	6
628	Should Tenecteplase be Given in Clinical Practice for Acute Ischemic Stroke Thrombolysis?. <i>Stroke</i> , 2021 , 52, 3075-3080	6.7	2
627	Prestroke Disability and Outcome After Thrombectomy for Emergent Anterior Circulation Large Vessel Occlusion Stroke. <i>Neurology</i> , 2021 , 97, e1914-e1919	6.5	6
626	Prediction of Outcome and Endovascular Treatment Benefit: Validation and Update of the MR PREDICTS Decision Tool. <i>Stroke</i> , 2021 , 52, 2764-2772	6.7	4
625	Automated Final Lesion Segmentation in Posterior Circulation Acute Ischemic Stroke Using Deep Learning. <i>Diagnostics</i> , 2021 , 11,	3.8	1
624	Outcomes Among Patients With Reversible Cerebral Vasoconstriction Syndrome: A Nationwide United States Analysis. <i>Stroke</i> , 2021 , 52, 3970-3977	6.7	1
623	Frequency, Characteristics, and Outcomes of Endovascular Thrombectomy in Patients With Stroke Beyond 6 Hours of Onset in US Clinical Practice. <i>Stroke</i> , 2021 , 52, 3805-3814	6.7	1
622	Value of infarct location in the prediction of functional outcome in patients with an anterior large vessel occlusion: results from the HERMES study. <i>Neuroradiology</i> , 2021 , 1	3.2	2
621	Standardized Nomenclature for Modified Rankin Scale Global Disability Outcomes: Consensus Recommendations From Stroke Therapy Academic Industry Roundtable XI. <i>Stroke</i> , 2021 , 52, 3054-3062	6.7	11
620	Prospective, Multicenter, Controlled Trial of Mobile Stroke Units. <i>New England Journal of Medicine</i> , 2021 , 385, 971-981	59.2	36

619	Effect of evolocumab on acute arterial events across all vascular territories : results from the FOURIER trial. <i>European Heart Journal</i> , 2021 ,	9.5	5
618	Serial ASPECTS in the DAWN Trial: Infarct Evolution and Clinical Impact. <i>Stroke</i> , 2021 , 52, 3318-3324	6.7	0
617	Lipid-Lowering Therapy and Hemorrhagic Stroke Risk: Comparative Meta-Analysis of Statins and PCSK9 Inhibitors. <i>Stroke</i> , 2021 , 52, 3142-3150	6.7	8
616	Thrombolysis in Mild Stroke: A Comparative Analysis of the PRISMS and MaRISS Studies. <i>Stroke</i> , 2021 , 52, e586-e589	6.7	1
615	How to Establish the Outer Limits of Reperfusion Therapy. <i>Stroke</i> , 2021 , 52, 3399-3403	6.7	1
614	Health Economic Impact of First Pass Success: An Asia-Pacific Cost Analysis of the ARISE II Study. <i>Journal of Stroke</i> , 2021 , 23, 139-143	5.6	0
613	Machine Learning Automated Detection of Large Vessel Occlusion From Mobile Stroke Unit Computed Tomography Angiography. <i>Stroke</i> , 2021 , STROKEAHA121036091	6.7	0
612	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104938	2.8	17
611	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
610	Association Between Thrombolytic Door-to-Needle Time and 1-Year Mortality and Readmission in Patients With Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 2170-2184 ⁴³	27.4	43
609	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
608	Acute insular infarction: Early outcomes of minor stroke with proximal artery occlusion. <i>PLoS ONE</i> , 2020 , 15, e0229836	3.7	1
607	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
606	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
605	Redefined Measure of Early Neurological Improvement Shows Treatment Benefit of Alteplase Over Placebo. <i>Stroke</i> , 2020 , 51, 1226-1230	6.7	12
604	Distributional Validity and Prognostic Power of the National Institutes of Health Stroke Scale in US Administrative Claims Data. <i>JAMA Neurology</i> , 2020 , 77, 606-612	17.2	14
603	Paramedic Global Impression of Change During Prehospital Evaluation and Transport for Acute Stroke. <i>Stroke</i> , 2020 , 51, 784-791	6.7	3
602	Public Health and Cost Benefits of Successful Reperfusion After Thrombectomy for Stroke. <i>Stroke</i> , 2020 , 51, 899-907	6.7	20

601	Increased Access to and Use of Endovascular Therapy Following Implementation of a 2-Tiered Regional Stroke System. <i>Stroke</i> , 2020 , 51, 908-913	6.7	3
600	Improving economic evaluations in stroke: A report from the ESO Health Economics Working Group. <i>European Stroke Journal</i> , 2020 , 5, 184-192	5.6	8
599	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
598	Mechanisms of action of acute and subacute sphenopalatine ganglion stimulation for ischemic stroke. <i>International Journal of Stroke</i> , 2020 , 15, 839-848	6.3	5
597	Target: Stroke Was Associated With Faster Intravenous Thrombolysis and Improved One-Year Outcomes for Acute Ischemic Stroke in Medicare Beneficiaries. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e007150	5.8	2
596	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
595	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
594	Is Door-to-Needle Time Reduced for Emergency Medical Services Transported Stroke Patients Routed Directly to the Computed Tomography Scanner on Emergency Department Arrival?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020 , 29, 104477	2.8	4
593	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
592	Deep Learning Detection of Penumbra Tissue on Arterial Spin Labeling in Stroke. <i>Stroke</i> , 2020 , 51, 489-497	6.7	17
591	Reperfusion Therapy Frequency and Outcomes in Mild Ischemic Stroke in the United States. <i>Stroke</i> , 2020 , 51, 3241-3249	6.7	12
590	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
589	Stroke Thrombolysis With Tenecteplase to Reduce Emergency Department Spread of Coronavirus Disease 2019 and Shortages of Alteplase. <i>JAMA Neurology</i> , 2020 , 77, 1203-1204	17.2	19
588	Selective Brain Hypothermia in Acute Ischemic Stroke: Reperfusion Without Reperfusion Injury. <i>Frontiers in Neurology</i> , 2020 , 11, 594289	4.1	1
587	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
586	National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. <i>Stroke</i> , 2020 , 51, 2586-2587	6.7	7
585	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
584	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	

583	The Minimal Clinically Important Difference for Achievement of Substantial Reperfusion With Endovascular Thrombectomy Devices in Acute Ischemic Stroke Treatment. <i>Frontiers in Neurology</i> , 2020 , 11, 524220	4.1	2
582	Public health and cost consequences of time delays to thrombectomy for acute ischemic stroke. <i>Neurology</i> , 2020 , 95, e2465-e2475	6.5	19
581	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
580	Risk of Paradoxical Embolism (RoPE)-Estimated Attributable Fraction Correlates With the Benefit of Patent Foramen Ovale Closure: An Analysis of 3 Trials. <i>Stroke</i> , 2020 , 51, 3119-3123	6.7	15
579	Major bleeding risk with non-vitamin K antagonist oral anticoagulant vs. aspirin in heart failure: network meta-analysis. <i>ESC Heart Failure</i> , 2020 , 7, 3962	3.7	3
578	Challenging the Ischemic Core Concept in Acute Ischemic Stroke Imaging. <i>Stroke</i> , 2020 , 51, 3147-3155	6.7	47
577	Treatment of Brain Oedema 2020 , 199-213		
576	Neuroprotection for Acute Brain Ischaemia 2020 , 214-238		1
575	Acute Treatment of Intracerebral Haemorrhage 2020 , 239-259		
574	Acute Treatment of Subarachnoid Haemorrhage 2020 , 260-288		
573	Prevention of Stroke by Lowering Blood Pressure 2020 , 289-296		
572	Prevention of Stroke by Lowering Blood Cholesterol Concentrations 2020 , 297-307		
571	Prevention of Stroke by Modification of Additional Vascular and Lifestyle Risk Factors 2020 , 308-336		
570	Drugs, Devices, and Procedural Therapies to Prevent Recurrent Cardiogenic Embolic Stroke 2020 , 337-383		
569	Long-term Antithrombotic Therapy for Large and Small Artery Occlusive Disease 2020 , 384-411		
568	Carotid and Vertebral Artery Revascularization 2020 , 412-449		
567	Electrical and Magnetic Brain Stimulation to Enhance Post-stroke Recovery 2020 , 532-550		
566	Understanding Evidence 2020 , 10-34		1

565 Cervical Artery Dissection and Cerebral Vasculitis **2020**, 450-462

564 Prevention of Intracerebral and Subarachnoid Haemorrhage **2020**, 463-484

563 Evidence-based Motor Rehabilitation after Stroke **2020**, 485-500

562 Language and Cognitive Rehabilitation after Stroke **2020**, 501-516

561 Using Pharmacotherapy to Enhance Stroke Recovery **2020**, 517-531

560 Stroke: The Size of the Problem **2020**, 1-9

559 Prehospital Stroke Care and Regionalized Stroke Systems **2020**, 35-58

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558 Organized Stroke Care **2020**, 59-76

557 Supportive Care during Acute Cerebral Ischaemia **2020**, 77-97

556 Reperfusion of Ischaemic Brain by Intravenous Thrombolysis **2020**, 98-126

555 Reperfusion of the Ischaemic Brain by Endovascular Thrombectomy and Thrombolysis **2020**, 127-145

554 Collateral Flow Enhancement: Blood Pressure Lowering and Alteration of Blood Viscosity **2020**, 146-153

553 Acute Antiplatelet Therapy for the Treatment of Ischaemic Stroke and Transient Ischaemic Attack **2020**, 154-178

552 Acute Anticoagulant Therapy for the Treatment of Acute Ischaemic Stroke and Transient Ischaemic Attack **2020**, 179-198

551 Physiologic predictors of collateral circulation and infarct growth during anesthesia - Detailed analyses of the GOLIATH trial. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 1203-1212 7.3 16

550 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. *Journal of NeuroInterventional Surgery*, **2020**, 12, 2-6 7.8 10

549 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. *Journal of NeuroInterventional Surgery*, **2020**, 12, 240-245 7.8 7

548 Automatic segmentation of cerebral infarcts in follow-up computed tomography images with convolutional neural networks. *Journal of NeuroInterventional Surgery*, **2020**, 12, 848-852 7.8 15

547	Stroke Prevention With the PCSK9 (Proprotein Convertase Subtilisin-Kexin Type 9) Inhibitor Evolocumab Added to Statin in High-Risk Patients With Stable Atherosclerosis. <i>Stroke</i> , 2020 , 51, 1546-1554	6.7	35
546	Central Nervous System Electrical Stimulation for Neuroprotection in Acute Cerebral Ischemia: Meta-Analysis of Preclinical Studies. <i>Stroke</i> , 2019 , 50, 2892-2901	6.7	5
545	Confirmatory Study of Time-Dependent Computed Tomographic Perfusion Thresholds for Use in Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 3269-3273	6.7	18
544	Prehospital Transdermal Glyceryl Trinitrate for Ultra-Acute Intracerebral Hemorrhage: Data From the RIGHT-2 Trial. <i>Stroke</i> , 2019 , 50, 3064-3071	6.7	21
543	Use, Temporal Trends, and Outcomes of Endovascular Therapy After Interhospital Transfer in the United States. <i>Circulation</i> , 2019 , 139, 1568-1577	16.7	53
542	Comparison of Clinical Care and In-Hospital Outcomes of Asian American and White Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2019 , 76, 430-439	17.2	19
541	An injectable implant to stimulate the sphenopalatine ganglion for treatment of acute ischaemic stroke up to 24 h from onset (ImpACT-24B): an international, randomised, double-blind, sham-controlled, pivotal trial. <i>Lancet, The</i> , 2019 , 394, 219-229	4.0	22
540	Sphenopalatine Ganglion Stimulation to Augment Cerebral Blood Flow: A Randomized, Sham-Controlled Trial. <i>Stroke</i> , 2019 , 50, 2108-2117	6.7	14
539	Blood Pressure Variability Predicts Poor In-Hospital Outcome in Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2019 , 50, 2023-2029	6.7	59
538	A national economic and clinical model for ischemic stroke care development in Saudi Arabia: A call for change. <i>International Journal of Stroke</i> , 2019 , 14, 835-842	6.3	5
537	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
536	Frequency of Intracranial Hemorrhage With Low-Dose Aspirin in Individuals Without Symptomatic Cardiovascular Disease: A Systematic Review and Meta-analysis. <i>JAMA Neurology</i> , 2019 , 76, 906-914	17.2	36
535	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
534	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
533	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
532	Number Needed to Treat: Conveying the Likelihood of a Therapeutic Effect. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 798-799	27.4	21
531	Prehospital transdermal glyceryl trinitrate in patients with ultra-acute presumed stroke (RIGHT-2): an ambulance-based, randomised, sham-controlled, blinded, phase 3 trial. <i>Lancet, The</i> , 2019 , 393, 1009-1020	10.2	66
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