

Jens Fiehler

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.

337
papers

7,579
citations

42
h-index

76
g-index

378
ext. papers

10,295
ext. citations

5.9
avg, IF

5.97
L-index

#	Paper	IF	Citations
337	Cost-Effectiveness of Endovascular Thrombectomy in Childhood Stroke: An Analysis of the Save ChildS Study.. <i>Journal of Stroke</i> , 2022 , 24, 138-147	5.6	0
336	Bridging Thrombolysis versus Direct Mechanical Thrombectomy in Stroke Due to Basilar Artery Occlusion.. <i>Journal of Stroke</i> , 2022 , 24, 128-137	5.6	0
335	Higher baseline blood glucose is associated with reduced likelihood for successful recanalization in patients with basilar artery occlusion.. <i>Journal of Neurology</i> , 2022 , 1	5.5	1
334	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease.. <i>Scientific Reports</i> , 2022 , 12, 1581	4.9	0
333	European Stroke Organisation (ESO)-European Society for Minimally Invasive Neurological Therapy (ESMINT) expedited recommendation on indication for intravenous thrombolysis before mechanical thrombectomy in patients with acute ischemic stroke and anterior circulation large	7.8	4
332	European Stroke Organisation - European Society for Minimally Invasive Neurological Therapy expedited recommendation on indication for intravenous thrombolysis before mechanical thrombectomy in patients with acute ischaemic stroke and anterior circulation large vessel occlusion.. <i>European Stroke Journal</i> , 2022 , 7, I-XXVI	5.6	7
331	Venous outflow profiles are associated with early edema progression in ischemic stroke.. <i>International Journal of Stroke</i> , 2022 , 17474930211065635	6.3	3
330	Radiological Evaluation Criteria for Chronic Subdural Hematomas : Review of the Literature.. <i>Clinical Neuroradiology</i> , 2022 , 1	2.7	1
329	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 782738	5.3	0
328	Imaging-based outcome prediction in posterior circulation stroke.. <i>Journal of Neurology</i> , 2022 , 1	5.5	0
327	New imaging score for outcome prediction in basilar artery occlusion stroke.. <i>European Radiology</i> , 2022 , 1	8	1
326	Development of synthetic thrombus models to simulate stroke treatment in a physical neurointerventional training model. <i>International Journal of Transgender Health</i> , 2022 , 15, 283-301	3	0
325	Effect of Sex on Outcomes of Mechanical Thrombectomy in Basilar Artery Occlusion: A Multicentre Cohort Study.. <i>Cerebrovascular Diseases</i> , 2022 , 1-8	3.2	1
324	Aspiration Versus Stent Retriever Thrombectomy for Distal, Medium Vessel Occlusion Stroke in the Posterior Circulation: A Subanalysis of the TOPMOST Study.. <i>Stroke</i> , 2022 , 101161STROKEAHA121037792	6.7	2
323	Intrinsic functional brain connectivity is resilient to chronic hypoperfusion caused by unilateral carotid artery stenosis.. <i>NeuroImage: Clinical</i> , 2022 , 34, 103014	5.3	0
322	Midline Shift in Chronic Subdural Hematoma : Interrater Reliability of Different Measuring Methods and Implications for Standardized Rating in Embolization Trials.. <i>Clinical Neuroradiology</i> , 2022 , 1	2.7	0
321	Transferring neurointerventionalists saves time compared with interhospital transfer of stroke patients for endovascular thrombectomy: a collaborative pooled analysis of 1001 patients (EVEREST).. <i>Journal of NeuroInterventional Surgery</i> , 2022 ,	7.8	1

320	How Much of the Thrombectomy Related Improvement in Functional Outcome Is Already Apparent at 24 Hours and at Hospital Discharge?. <i>Stroke</i> , 2022 , 101161STROKEAHA121037888	6.7	1
319	New remote cerebral microbleeds in acute ischemic stroke: an analysis of the randomized, placebo-controlled WAKE-UP trial.. <i>Journal of Neurology</i> , 2022 ,	5.5	
318	Elevated early lesion water uptake in acute stroke predicts poor outcome despite successful recanalization - When "tissue clock" and "time clock" are desynchronized. <i>International Journal of Stroke</i> , 2021 , 16, 863-872	6.3	14
317	Computed tomography-based triage of extensive baseline infarction: ASPECTS and collaterals versus perfusion imaging for outcome prediction. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 869-874	7.8	10
316	The Benefit of Thrombectomy in Patients With Low ASPECTS Is a Matter of Shades of Gray-What Current Trials May Have Missed.. <i>Frontiers in Neurology</i> , 2021 , 12, 718046	4.1	0
315	Health-related quality of life after thrombectomy in young-onset versus older stroke patients: a multicenter analysis. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	2
314	Patient prioritization and management during the COVID-19 pandemic. <i>Interventional Neuroradiology</i> , 2021 , 27, 19-23	1.9	2
313	Qualification of Additively Manufactured Blood Vessel Models for the Evaluation of Braided Stent Designs 2021 , 321-333		
312	Aortic Model in a Neurointerventional Training Model [Modular Design and Additive Manufacturing 2021 , 437-454		
311	Worldwide anaesthesia use during endovascular treatment for medium vessel occlusion stroke. <i>Interventional Neuroradiology</i> , 2021 , 15910199211041487	1.9	
310	Estimating nocturnal stroke onset times by magnetic resonance imaging in the WAKE-UP trial. <i>International Journal of Stroke</i> , 2021 , 17474930211059608	6.3	0
309	Study Criteria Applied to Real Life-A Multicenter Analysis of Stroke Patients Undergoing Endovascular Treatment in Clinical Practice. <i>Journal of the American Heart Association</i> , 2021 , 10, e017919	6	0
308	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke: An Analysis of the WAKE-UP Randomized Clinical Trial. <i>Neurology</i> , 2021 ,	6.5	7
307	Perfusion Imaging Predicts Favorable Outcomes after Basilar Artery Thrombectomy. <i>Annals of Neurology</i> , 2021 , 91, 23	9.4	5
306	T1 Relaxation Times in the Cortex and Thalamus Are Associated With Working Memory and Information Processing Speed in Patients With Multiple Sclerosis.. <i>Frontiers in Neurology</i> , 2021 , 12, 789812	4.1	0
305	CT Hypoperfusion-Hypodensity Mismatch to Identify Patients With Acute Ischemic Stroke Within 4.5 Hours of Symptom Onset. <i>Neurology</i> , 2021 , 97, e2088-e2095	6.5	1
304	Ten Years of Improving Acute Stroke Management in a Metropolitan Area: A Population-Based Quantification of Quality Indicators. <i>European Neurology</i> , 2021 , 1-11	2.1	
303	Systematic Review on Endovascular Access to Intracranial Arteries for Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Clinical Neuroradiology</i> , 2021 , 32, 5	2.7	1

302	Class imbalance in gradient boosting classification algorithms: Application to experimental stroke data. <i>Statistical Methods in Medical Research</i> , 2021 , 30, 916-925	2.3	1
301	Design of Personalized Devices—the Tradeoff between Individual Value and Personalization Workload. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 241	2.6	4
300	Effect of thrombectomy on oedema progression and clinical outcome in patients with a poor collateral profile. <i>Stroke and Vascular Neurology</i> , 2021 , 6, 222-229	9.1	0
299	Linking cortical atrophy to white matter hyperintensities of presumed vascular origin. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 1682-1691	7.3	6
298	Vessel diameter and catheter-to-vessel ratio affect the success rate of clot aspiration. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 605-608	7.8	14
297	Modeling the Optimal Transportation for Acute Stroke Treatment : Impact of Diurnal Variations in Traffic Rate. <i>Clinical Neuroradiology</i> , 2021 , 31, 729-736	2.7	1
296	The novel Tenzing 7 delivery catheter designed to deliver intermediate catheters to the face of embolus without crossing: clinical performance predicted in anatomically challenging model. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 722-726	7.8	1
295	Sex Differences in Outcome After Thrombectomy for Acute Ischemic Stroke are Explained by Confounding Factors. <i>Clinical Neuroradiology</i> , 2021 , 31, 1101-1109	2.7	11
294	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021 , 16, 573-584	6.3	36
293	Platelet endothelial cell adhesion molecule-1 is a gatekeeper of neutrophil transendothelial migration in ischemic stroke. <i>Brain, Behavior, and Immunity</i> , 2021 , 93, 277-287	16.6	8
292	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
291	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
290	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke: The TOPMOST Study. <i>JAMA Neurology</i> , 2021 , 78, 434-444	17.2	27
289	How to Improve the Management of Acute Ischemic Stroke by Modern Technologies, Artificial Intelligence, and New Treatment Methods. <i>Life</i> , 2021 , 11,	3	2
288	Machine Learning-Based Prediction of Brain Tissue Infarction in Patients With Acute Ischemic Stroke Treated With Theophylline as an Add-On to Thrombolytic Therapy: A Randomized Clinical Trial Subgroup Analysis. <i>Frontiers in Neurology</i> , 2021 , 12, 613029	4.1	1
287	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. <i>Stroke</i> , 2021 , 52, 1761-1767	6.7	8
286	Outcomes in young adults with acute ischemic stroke undergoing endovascular thrombectomy: A real-world multicenter experience. <i>European Journal of Neurology</i> , 2021 , 28, 2736-2744	6	2
285	Influence of intravenous alteplase on endovascular treatment decision-making in acute ischemic stroke due to primary medium-vessel occlusion: a case-based survey study. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	1

284	Association of Venous Outflow Profiles and Successful Vessel Reperfusion After Thrombectomy. <i>Neurology</i> , 2021 ,	6.5	6
283	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. <i>Nature Communications</i> , 2021 , 12, 2590	17.4	6
282	Thrombectomy Versus Combined Thrombolysis and Thrombectomy in Patients With Acute Stroke: A Matched-Control Study. <i>Stroke</i> , 2021 , 52, 1589-1600	6.7	11
281	Improved Detectability of Brain Stem Ischemia by Combining Axial and Coronal Diffusion-Weighted Imaging. <i>Stroke</i> , 2021 , 52, 1843-1846	6.7	2
280	Number of Retrieval Attempts Rather Than Procedure Time Is Associated With Risk of Symptomatic Intracranial Hemorrhage. <i>Stroke</i> , 2021 , 52, 1580-1588	6.7	9
279	Impact of intravenous alteplase on sub-angiographic emboli in high-resolution diffusion-weighted imaging following successful thrombectomy. <i>European Radiology</i> , 2021 , 31, 8228-8235	8	1
278	Factors influencing thrombectomy decision making for primary medium vessel occlusion stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	1
277	Prediction of Clinical Outcomes in Acute Ischaemic Stroke Patients: A Comparative Study. <i>Frontiers in Neurology</i> , 2021 , 12, 663899	4.1	0
276	COVID-19 meets neurointervention on the pages of. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 863-864	7.8	0
275	Venous Outflow Profiles Are Linked to Cerebral Edema Formation at Noncontrast Head CT after Treatment in Acute Ischemic Stroke Regardless of Collateral Vessel Status at CT Angiography. <i>Radiology</i> , 2021 , 299, 682-690	20.5	11
274	Utility of Intravenous Alteplase Prior to Endovascular Stroke Treatment: A Systematic Review and Meta-analysis of RCTs. <i>Neurology</i> , 2021 , 97, e777-e784	6.5	9
273	Influence of stroke infarct location on quality of life assessed in a multivariate lesion-symptom mapping study. <i>Scientific Reports</i> , 2021 , 11, 13490	4.9	2
272	24-hour blood pressure variability and treatment effect of intravenous alteplase in acute ischaemic stroke. <i>European Stroke Journal</i> , 2021 , 6, 168-175	5.6	0
271	Risk Factors for Cerebral Aneurysm Rupture in Mongolia. <i>Clinical Neuroradiology</i> , 2021 , 1	2.7	
270	Computed Tomography Based Score of Early Ischemic Changes Predicts Malignant Infarction. <i>Frontiers in Neurology</i> , 2021 , 12, 669828	4.1	0
269	Value of Perfusion CT in the Prediction of Intracerebral Hemorrhage after Endovascular Treatment. <i>Stroke Research and Treatment</i> , 2021 , 2021, 9933015	1.7	0
268	Ischemic lesion water homeostasis after thrombectomy for large vessel occlusion stroke within the anterior circulation: The impact of age. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 45-52	7.3	8
267	Predictors of poor clinical outcome despite complete reperfusion in acute ischemic stroke patients. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 14-18	7.8	24

266	Feasibility and safety of thrombectomy for isolated occlusions of the posterior cerebral artery: a multicenter experience and systematic literature review. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 217-220	7.8	13
265	Aneurysm treatment with WEB in the cumulative population of two prospective, multicenter series: 3-year follow-up. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 363-368	7.8	34
264	Factors Associated with Failure of Reperfusion in Endovascular Therapy for Acute Ischemic Stroke : A Multicenter Analysis. <i>Clinical Neuroradiology</i> , 2021 , 31, 197-205	2.7	12
263	Enhancing Education to Avoid Complications in Endovascular Treatment of Unruptured Intracranial Aneurysms: A Neurointerventionalist's Perspective. <i>American Journal of Neuroradiology</i> , 2021 , 42, 28-31	4.4	
262	Small thrombus size, thrombus composition, and poor collaterals predict pre-interventional thrombus migration. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 409-414	7.8	4
261	Early Prediction of Malignant Cerebellar Edema in Posterior Circulation Stroke Using Quantitative Lesion Water Uptake. <i>Neurosurgery</i> , 2021 , 88, 531-537	3.2	6
260	White matter integrity and structural brain network topology in cerebral small vessel disease: The Hamburg city health study. <i>Human Brain Mapping</i> , 2021 , 42, 1406-1415	5.9	4
259	Clinical Diffusion Mismatch to Select Pediatric Patients for Embolectomy 6 to 24 Hours After Stroke: An Analysis of the Save ChildS Study. <i>Neurology</i> , 2021 , 96, e343-e351	6.5	11
258	Republished: Interhospital teleproctoring of endovascular intracranial aneurysm treatment using a dedicated live-streaming technology: first experiences during the COVID-19 pandemic. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, e1	7.8	7
257	A DELPHI consensus statement on antiplatelet management for intracranial stenting due to underlying atherosclerosis in the setting of mechanical thrombectomy. <i>Neuroradiology</i> , 2021 , 63, 627-632	3.2	5
256	Training and Supervision of Thrombectomy by Remote Live Streaming Support (RESS) : Randomized Comparison Using Simulated Stroke Interventions. <i>Clinical Neuroradiology</i> , 2021 , 31, 181-187	2.7	20
255	Safety and Angiographic Efficacy of Intra-Arterial Fibrinolytics as Adjunct to Mechanical Thrombectomy: Results from the INFINITY Registry. <i>Journal of Stroke</i> , 2021 , 23, 91-102	5.6	7
254	Game-theoretical mapping of fundamental brain functions based on lesion deficits in acute stroke. <i>Brain Communications</i> , 2021 , 3, fcab204	4.5	0
253	Relationship between the degree of recanalization and functional outcome in acute ischemic stroke is mediated by penumbra salvage volume. <i>Journal of Neurology</i> , 2021 , 268, 2213-2222	5.5	0
252	Expanding indications for endovascular thrombectomy-how to leave no patient behind. <i>Therapeutic Advances in Neurological Disorders</i> , 2021 , 14, 1756286421998905	6.6	4
251	Imaging-based prediction of histological clot composition from admission CT imaging. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1053-1057	7.8	7
250	Imaging-Based Outcome Prediction of Acute Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2021 , 12, 958-967	7.8	14
249	Perfusion imaging-based tissue-level collaterals predict ischemic lesion net water uptake in patients with acute ischemic stroke and large vessel occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 2067-2075	7.3	7

248	Heterogeneity of multiple sclerosis lesions in fast diffusional kurtosis imaging. <i>PLoS ONE</i> , 2021 , 16, e0245844	5	5
247	Good Clinical Outcome Decreases With Number of Retrieval Attempts in Stroke Thrombectomy: Beyond the First-Pass Effect. <i>Stroke</i> , 2021 , 52, 482-490	6.7	13
246	Perfusion Changes in Acute Stroke Treated with Theophylline as an Add-on to Thrombolysis : A Randomized Clinical Trial Subgroup Analysis. <i>Clinical Neuroradiology</i> , 2021 , 1	2.7	
245	Interaction Effect of Baseline Serum Glucose and Early Ischemic Water Uptake on the Risk of Secondary Hemorrhage After Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021 , 12, 690193	4.1	0
244	Value of Dual-Energy Dual-Layer CT After Mechanical Recanalization for the Quantification of Ischemic Brain Edema. <i>Frontiers in Neurology</i> , 2021 , 12, 668030	4.1	2
243	Thrombectomy for secondary distal, medium vessel occlusions of the posterior circulation: seeking complete reperfusion. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	2
242	Reversible Ischemic Lesion Hypodensity in Acute Stroke CT Following Endovascular Reperfusion. <i>Neurology</i> , 2021 , 97, e1075-e1084	6.5	2
241	Patient-Relevant Deficits Dictate Endovascular Thrombectomy Decision-Making in Patients with Low NIHSS Scores with Medium-Vessel Occlusion Stroke. <i>American Journal of Neuroradiology</i> , 2021 , 42, 1834-1838	4.4	0
240	Distinct intra-arterial clot localization affects tissue-level collaterals and venous outflow profiles. <i>European Journal of Neurology</i> , 2021 , 28, 4109-4116	6	4
239	Correspondence on Thrombectomy in special populations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee by Al-Mufti. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	
238	Clinical Assessment of WEB device in Ruptured aneurysms (CLARYS): results of 1-month and 1-year assessment of rebleeding protection and clinical safety in a multicenter study. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	5
237	Endovascular Device Choice and Tools for Recanalization of Medium Vessel Occlusions: Insights From the MeVO FRONTIERS International Survey. <i>Frontiers in Neurology</i> , 2021 , 12, 735899	4.1	1
236	Deep Learning-Based Automated Thrombolysis in Cerebral Infarction Scoring: A Timely Proof-of-Principle Study. <i>Stroke</i> , 2021 , 52, 3497-3504	6.7	3
235	Quantitative Lesion Water Uptake as Stroke Imaging Biomarker: A Tool for Treatment Selection in the Extended Time Window?. <i>Stroke</i> , 2021 , STROKEAHA120033025	6.7	2
234	Treatment Efficacy Analysis in Acute Ischemic Stroke Patients Using In Silico Modeling Based on Machine Learning: A Proof-of-Principle. <i>Biomedicines</i> , 2021 , 9,	4.8	2
233	Contralateral Stenosis and Echolucent Plaque Morphology are Associated with Elevated Stroke Risk in Patients Treated with Asymptomatic Carotid Artery Stenosis within a Controlled Clinical Trial (SPACE-2). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105940	2.8	0
232	A Prospective Multicenter Registry on Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke (Save ChildS Pro). <i>Frontiers in Neurology</i> , 2021 , 12, 736092	4.1	1
231	Posterior circulation collateral flow modifies the effect of thrombectomy on outcome in acute basilar artery occlusion. <i>International Journal of Stroke</i> , 2021 , 17474930211052262	6.3	1

230	Thrombectomy in Extensive Stroke May Not Be Beneficial and Is Associated With Increased Risk for Hemorrhage. <i>Stroke</i> , 2021 , 52, 3109-3117	6.7	4
229	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. <i>Clinical Neuroradiology</i> , 2021 , 31, 1093-1100	2.7	13
228	The Safety and Effectiveness of the Contour Neurovascular System (Contour) for the Treatment of Bifurcation Aneurysms: The CERUS Study.. <i>Neurosurgery</i> , 2021 , 90,	3.2	3
227	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , 2020 , 396, 1574-1584	4.0	44
226	Repeated mechanical thrombectomy in short-term large vessel occlusion recurrence: multicenter study and systematic review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1186-1193	7.8	2
225	Posterior circulation stroke: machine learning-based detection of early ischemic changes in acute non-contrast CT scans. <i>Journal of Neurology</i> , 2020 , 267, 2632-2641	5.5	4
224	Neoplastic and Non-neoplastic Acute Intracerebral Hemorrhage in CT Brain Scans: Machine Learning-Based Prediction Using Radiomic Image Features. <i>Frontiers in Neurology</i> , 2020 , 11, 285	4.1	7
223	Effect of Balloon Guide Catheter Utilization on the Incidence of Sub-angiographic Peripheral Emboli on High-Resolution DWI After Thrombectomy: A Prospective Observational Study. <i>Frontiers in Neurology</i> , 2020 , 11, 386	4.1	6
222	Letter by Meyer et al Regarding Article, "Impact of Reperfusion for Nonagenarians Treated by Mechanical Thrombectomy: Insights From the ETIS Registry". <i>Stroke</i> , 2020 , 51, e60	6.7	
221	Network Localisation of White Matter Damage in Cerebral Small Vessel Disease. <i>Scientific Reports</i> , 2020 , 10, 9210	4.9	8
220	The Myelin Water Fraction Serves as a Marker for Age-Related Myelin Alterations in the Cerebral White Matter - A Multiparametric MRI Aging Study. <i>Frontiers in Neuroscience</i> , 2020 , 14, 136	5.1	14
219	Stenting with Acclino (flex) for symptomatic intracranial stenosis as secondary stroke prevention. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1127-1131	7.8	7
218	Stroke patients treated by thrombectomy in real life differ from cohorts of the clinical trials: a prospective observational study. <i>BMC Neurology</i> , 2020 , 20, 81	3.1	14
217	Structural integrity of white matter tracts as a predictor of acute ischemic stroke outcome. <i>International Journal of Stroke</i> , 2020 , 15, 965-972	6.3	3
216	Does Device Selection Impact Recanalization Rate and Neurological Outcome?: An Analysis of the Save ChildS Study. <i>Stroke</i> , 2020 , 51, 1182-1189	6.7	14
215	Emergency Intracranial Stenting in Acute Stroke: Predictors for Poor Outcome and for Complications. <i>Journal of the American Heart Association</i> , 2020 , 9, e012795	6	9
214	Intracranial Stenting After Failed Thrombectomy in Patients With Moderately Severe Stroke: A Multicenter Cohort Study. <i>Frontiers in Neurology</i> , 2020 , 11, 97	4.1	6
213	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 Iberolatinoamericana de Neuroradiologia Diagnostica y Terapeutica (SILAN), the Society of Vascular and Interventional Neurology (SVIN), and the World Federation of Interventional and Therapeutic Neuroradiology (WFITN). <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 726-730	7.8	17

212	Automatic arterial input function selection in CT and MR perfusion datasets using deep convolutional neural networks. <i>Medical Physics</i> , 2020 , 47, 4199-4211	4.4	4
211	. <i>IEEE Access</i> , 2020 , 8, 94871-94879	3.5	9
210	Letter by Brooks et al Regarding Article, "Mechanical Thrombectomy in Patients With Ischemic Stroke With Prestroke Disability". <i>Stroke</i> , 2020 , 51, e167-e168	6.7	1
209	Residual Flow Inside the Woven EndoBridge Device at Follow-Up: Potential Predictors of the Bicore Occlusion Scale Score 1 Phenomenon. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1232-1237	4.4	3
208	Cherry-picking the Wrong Patients?. <i>Clinical Neuroradiology</i> , 2020 , 30, 41-42	2.7	
207	Emergency Conversion to General Anesthesia Is a Tolerable Risk in Patients Undergoing Mechanical Thrombectomy. <i>American Journal of Neuroradiology</i> , 2020 , 41, 122-127	4.4	14
206	Endovascular Treatment of Very Elderly Patients Aged ≥90 With Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2020 , 9, e014447	6	26
205	Predictors of independent outcome of thrombectomy in stroke patients with large baseline infarcts in clinical practice: a multicenter analysis. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1064-1068	7.8	7
204	Improved multi-parametric prediction of tissue outcome in acute ischemic stroke patients using spatial features. <i>PLoS ONE</i> , 2020 , 15, e0228113	3.7	8
203	Aneurysm Treatment With Woven EndoBridge in the Cumulative Population of 3 Prospective, Multicenter Series: 2-Year Follow-Up. <i>Neurosurgery</i> , 2020 , 87, 357-367	3.2	26
202	Workflow patterns and potential for optimization in endovascular stroke treatment across the world: results from a multinational survey. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 1194-1198	7.8	5
201	Impaired endothelium-mediated cerebrovascular reactivity promotes anxiety and respiration disorders in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1753-1761	11.5	20
200	Localized prediction of tissue outcome in acute ischemic stroke patients using diffusion- and perfusion-weighted MRI datasets. <i>PLoS ONE</i> , 2020 , 15, e0241917	3.7	2
199	Comparison of acetylsalicylic acid and clopidogrel non-responsiveness assessed by light transmittance aggregometry and PFA-100 [®] in patients undergoing neuroendovascular procedures. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 383-392	5.9	0
198	Time Matters: Handling Spatio-Temporal Perfusion Information for Automated TICI Scoring. <i>Lecture Notes in Computer Science</i> , 2020 , 86-96	0.9	2
197	Sub-angiographic peripheral emboli in high resolution DWI after endovascular recanalization. <i>Journal of Neurology</i> , 2020 , 267, 1401-1406	5.5	8
196	Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts: A Prospective, Observational Study (NEUROSQUAD). <i>Stroke</i> , 2020 , 51, 335-337	6.7	13
195	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. <i>Stroke</i> , 2020 , 51, 209-215	6.7	13

194	Elevated blood glucose is associated with aggravated brain edema in acute stroke. <i>Journal of Neurology</i> , 2020 , 267, 440-448	5.5	14
193	Impact of endovascular recanalization on quantitative lesion water uptake in ischemic anterior circulation strokes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 437-445	7.3	28
192	Recanalization is the Key for Better Outcome of Thrombectomy in Basilar Artery Occlusion. <i>Clinical Neuroradiology</i> , 2020 , 30, 769-775	2.7	9
191	ADAPT technique in ischemic stroke treatment of M2 middle cerebral artery occlusions in comparison to M1 occlusions: Posthoc analysis of the PROMISE study. <i>Interventional Neuroradiology</i> , 2020 , 26, 178-186	1.9	7
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