

Jens Fiehler

List of Publications by Year in descending order

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367
papers

12,739
citations

36303

51
h-index

42399

92
g-index

378
all docs

378
docs citations

378
times ranked

10968
citing authors

#	ARTICLE	IF	CITATIONS
1	European Stroke Organisation (ESO) - European Society for Minimally Invasive Neurological Therapy (ESMINT) Guidelines on Mechanical Thrombectomy in Acute Ischemic Stroke. Journal of NeuroInterventional Surgery, 2023, 15, e8-e8.	3.3	158
2	Benefit and risk of intravenous alteplase in patients with acute large vessel occlusion stroke and low ASPECTS. Journal of NeuroInterventional Surgery, 2023, 15, 8-13.	3.3	15
3	Predicting flow diverter sizing using the AneuGuide TM software: a validation study. Journal of NeuroInterventional Surgery, 2023, 15, 57-62.	3.3	6
4	Transferring neurointerventionalists saves time compared with interhospital transfer of stroke patients for endovascular thrombectomy: a collaborative pooled analysis of 1001 patients (EVEREST). Journal of NeuroInterventional Surgery, 2023, 15, 517-520.	3.3	2
5	Changes in the Cerebello-Thalamo-Cortical Network After Magnetic Resonance-Guided Focused Ultrasound Thalamotomy. Brain Connectivity, 2023, 13, 28-38.	1.7	4
6	Aneurysm treatment with the Woven EndoBridge (WEB) device in the combined population of two prospective, multicenter series: 5-year follow-up. Journal of NeuroInterventional Surgery, 2023, 15, 552-557.	3.3	30
7	Assessment of Irreversible Tissue Injury in Extensive Ischemic Stroke—Potential of Quantitative Cerebral Perfusion. Translational Stroke Research, 2023, 14, 562-571.	4.2	7
8	Influence of intravenous alteplase on endovascular treatment decision-making in acute ischemic stroke due to primary medium-vessel occlusion: a case-based survey study. Journal of NeuroInterventional Surgery, 2022, 14, 439-443.	3.3	4
9	Factors influencing thrombectomy decision making for primary medium vessel occlusion stroke. Journal of NeuroInterventional Surgery, 2022, 14, 350-355.	3.3	13
10	Risk Factors for Cerebral Aneurysm Rupture in Mongolia. Clinical Neuroradiology, 2022, 32, 499-506.	1.9	4
11	Thrombectomy for secondary distal, medium vessel occlusions of the posterior circulation: seeking complete reperfusion. Journal of NeuroInterventional Surgery, 2022, 14, 654-659.	3.3	9
12	Correspondence on 'Thrombectomy in special populations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee' by Al-Mufti <i>et al</i> . Journal of NeuroInterventional Surgery, 2022, 14, 414-415.	3.3	1
13	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. Journal of NeuroInterventional Surgery, 2022, 14, 807-814.	3.3	27
14	Quantitative Lesion Water Uptake as Stroke Imaging Biomarker: A Tool for Treatment Selection in the Extended Time Window?. Stroke, 2022, 53, 201-209.	2.0	10
15	Posterior circulation collateral flow modifies the effect of thrombectomy on outcome in acute basilar artery occlusion. International Journal of Stroke, 2022, 17, 761-769.	5.9	6
16	Ten Years of Improving Acute Stroke Management in a Metropolitan Area: A Population-Based Quantification of Quality Indicators. European Neurology, 2022, 85, 39-49.	1.4	0
17	Systematic Review on Endovascular Access to Intracranial Arteries for Mechanical Thrombectomy in Acute Ischemic Stroke. Clinical Neuroradiology, 2022, 32, 5-12.	1.9	6
18	Embotrap Extraction & Clot Evaluation & Lesion Evaluation for NeuroThrombectomy (EXCELLENT) Registry design and methods. Journal of NeuroInterventional Surgery, 2022, 14, 783-787.	3.3	3

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19	Cerebral venous outflow profiles are associated with the first pass effect in endovascular thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1056-1061.	3.3	9
20	Worldwide anaesthesia use during endovascular treatment for medium vessel occlusion stroke. <i>Interventional Neuroradiology</i> , 2022, 28, 469-475.	1.1	2
21	Estimating nocturnal stroke onset times by magnetic resonance imaging in the WAKE-UP trial. <i>International Journal of Stroke</i> , 2022, 17, 323-330.	5.9	5
22	Cerebrovascular Collateral Integrity in Pediatric Large Vessel Occlusion. <i>Neurology</i> , 2022, 98, .	1.1	10
23	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. <i>Neurology</i> , 2022, 98, .	1.1	19
24	Perfusion Imaging Predicts Favorable Outcomes after Basilar Artery Thrombectomy. <i>Annals of Neurology</i> , 2022, 91, 23-32.	5.3	24
25	Venous outflow profiles are associated with early edema progression in ischemic stroke. <i>International Journal of Stroke</i> , 2022, 17, 1078-1084.	5.9	14
26	Cost-Effectiveness of Endovascular Thrombectomy in Childhood Stroke: An Analysis of the Save ChildS Study. <i>Journal of Stroke</i> , 2022, 24, 138-147.	3.2	3
27	Bridging Thrombolysis versus Direct Mechanical Thrombectomy in Stroke Due to Basilar Artery Occlusion. <i>Journal of Stroke</i> , 2022, 24, 128-137.	3.2	13
28	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.	3.6	1
29	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, 1581.	3.3	15
30	European Stroke Organisation (ESO)â€“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 vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 209-227.	3.3	66
31	European Stroke Organisation â€“ 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.	5.5	54
32	Common data elements reported on middle meningeal artery embolization in chronic subdural hematoma: an interactive systematic review of recent trials. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1027-1032.	3.3	13
33	Health-related quality of life after thrombectomy in young-onset versus older stroke patients: a multicenter analysis. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1145-1150.	3.3	8
34	Radiological Evaluation Criteria for Chronic Subdural Hematomas. <i>Clinical Neuroradiology</i> , 2022, 32, 923-929.	1.9	5
35	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.	3.4	8
36	Imaging-based outcome prediction in posterior circulation stroke. <i>Journal of Neurology</i> , 2022, 269, 3800-3809.	3.6	5

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37	Effect of Intravenous Alteplase on Functional Outcome and Secondary Injury Volumes in Stroke Patients with Complete Endovascular Recanalization. <i>Journal of Clinical Medicine</i> , 2022, 11, 1565.	2.4	1
38	New imaging score for outcome prediction in basilar artery occlusion stroke. <i>European Radiology</i> , 2022, 32, 4491-4499.	4.5	5
39	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.	2.3	2
40	Effect of Sex on Outcomes of Mechanical Thrombectomy in Basilar Artery Occlusion: A Multicentre Cohort Study. <i>Cerebrovascular Diseases</i> , 2022, 51, 639-646.	1.7	5
41	The Safety and Effectiveness of the Contour Neurovascular System (Contour) for the Treatment of Bifurcation Aneurysms: The CERUS Study. <i>Neurosurgery</i> , 2022, 90, 270-277.	1.1	27
42	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, 53, 2449-2457.	2.0	21
43	Intrinsic functional brain connectivity is resilient to chronic hypoperfusion caused by unilateral carotid artery stenosis. <i>NeuroImage: Clinical</i> , 2022, 34, 103014.	2.7	1
44	Cerebral Hypoperfusion Intensity Ratio Is Linked to Progressive Early Edema Formation. <i>Journal of Clinical Medicine</i> , 2022, 11, 2373.	2.4	9
45	Midline Shift in Chronic Subdural Hematoma. <i>Clinical Neuroradiology</i> , 2022, , 1.	1.9	1
46	The Cerebral Collateral Cascade. <i>Neurology</i> , 2022, 98, .	1.1	16
47	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.	2.0	4
48	New remote cerebral microbleeds in acute ischemic stroke: an analysis of the randomized, placebo-controlled WAKE-UP trial. <i>Journal of Neurology</i> , 2022, 269, 5660-5667.	3.6	1
49	Favourable arterial, tissue-level and venous collaterals correlate with early neurological improvement after successful thrombectomy treatment of acute ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 701-706.	1.9	15
50	Review of Current Large Core Volume Stroke Thrombectomy Clinical Trials: Controversies and Progress. , 2022, 2, .		5
51	Intravenous tPA (Tissue-Type Plasminogen Activator) Correlates With Favorable Venous Outflow Profiles in Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 3145-3152.	2.0	13
52	Benefit of Intravenous Alteplase before Thrombectomy Depends on <sc>ASPECTS</sc>. <i>Annals of Neurology</i> , 2022, 92, 588-595.	5.3	8
53	By and Large, Thrombectomy in Large Core Is a Palpable Reality. <i>Stroke</i> , 2022, 53, 2709-2712.	2.0	3
54	Elevated early lesion water uptake in acute stroke predicts poor outcome despite successful recanalization â€œ When â€œtissue clockâ€œ and â€œtime clockâ€œ are desynchronized. <i>International Journal of Stroke</i> , 2021, 16, 863-872.	5.9	36

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55	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.	3.3	6
56	Linking cortical atrophy to white matter hyperintensities of presumed vascular origin. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1682-1691.	4.3	18
57	Vessel diameter and catheter-to-vessel ratio affect the success rate of clot aspiration. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 605-608.	3.3	33
58	Modeling the Optimal Transportation for Acute Stroke Treatment. <i>Clinical Neuroradiology</i> , 2021, 31, 729-736.	1.9	3
59	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.	3.3	10
60	Sex Differences in Outcome After Thrombectomy for Acute Ischemic Stroke are Explained by Confounding Factors. <i>Clinical Neuroradiology</i> , 2021, 31, 1101-1109.	1.9	30
61	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.	3.3	17
62	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.	4.3	17
63	Predictors of poor clinical outcome despite complete reperfusion in acute ischemic stroke patients. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 14-18.	3.3	71
64	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.	3.3	16
65	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.	3.3	67
66	Factors Associated with Failure of Reperfusion in Endovascular Therapy for Acute Ischemic Stroke. <i>Clinical Neuroradiology</i> , 2021, 31, 197-205.	1.9	22
67	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.	2.4	0
68	Small thrombus size, thrombus composition, and poor collaterals predict pre-interventional thrombus migration. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 409-414.	3.3	11
69	Early Prediction of Malignant Cerebellar Edema in Posterior Circulation Stroke Using Quantitative Lesion Water Uptake. <i>Neurosurgery</i> , 2021, 88, 531-537.	1.1	12
70	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.	3.6	20
71	Clinical Diffusion Mismatch to Select Pediatric Patients for Embolectomy 6 to 24 Hours After Stroke. <i>Neurology</i> , 2021, 96, e343-e351.	1.1	22
72	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-e1.	3.3	19

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73	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.	2.2	11
74	Training and Supervision of Thrombectomy by Remote Live Streaming Support (RESS). <i>Clinical Neuroradiology</i> , 2021, 31, 181-187.	1.9	31
75	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.	3.2	16
76	Game-theoretical mapping of fundamental brain functions based on lesion deficits in acute stroke. <i>Brain Communications</i> , 2021, 3, fcab204.	3.3	5
77	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.	3.6	12
78	Expanding indications for endovascular thrombectomy-how to leave no patient behind. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642199890.	3.5	17
79	Imaging-based prediction of histological clot composition from admission CT imaging. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1053-1057.	3.3	21
80	Imaging-Based Outcome Prediction of Acute Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2021, 12, 958-967.	4.2	31
81	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, 0271678X2199220.	4.3	30
82	Heterogeneity of multiple sclerosis lesions in fast diffusional kurtosis imaging. <i>PLoS ONE</i> , 2021, 16, e0245844.	2.5	16
83	Good Clinical Outcome Decreases With Number of Retrieval Attempts in Stroke Thrombectomy. <i>Stroke</i> , 2021, 52, 482-490.	2.0	50
84	European Perspective on the German System for Thrombectomy in Stroke Patients. <i>Clinical Neuroradiology</i> , 2021, 31, 7-9.	1.9	1
85	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021, 16, 573-584.	5.9	104
86	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.	4.1	30
87	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.	3.3	25
88	Current Status of Endovascular Treatment for Acute Large Vessel Occlusion in China. <i>Stroke</i> , 2021, 52, 1203-1212.	2.0	71
89	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke. <i>JAMA Neurology</i> , 2021, 78, 434.	9.0	79
90	How to Improve the Management of Acute Ischemic Stroke by Modern Technologies, Artificial Intelligence, and New Treatment Methods. <i>Life</i> , 2021, 11, 488.	2.4	17

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91	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.	2.4	5
92	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. <i>Stroke</i> , 2021, 52, 1761-1767.	2.0	46
93	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.	3.3	13
94	Association of Venous Outflow Profiles and Successful Vessel Reperfusion After Thrombectomy. <i>Neurology</i> , 2021, 96, .	1.1	34
95	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. <i>Nature Communications</i> , 2021, 12, 2590.	12.8	14
96	Thrombectomy Versus Combined Thrombolysis and Thrombectomy in Patients With Acute Stroke. <i>Stroke</i> , 2021, 52, 1589-1600.	2.0	39
97	Improved Detectability of Brain Stem Ischemia by Combining Axial and Coronal Diffusion-Weighted Imaging. <i>Stroke</i> , 2021, 52, 1843-1846.	2.0	5
98	Number of Retrieval Attempts Rather Than Procedure Time Is Associated With Risk of Symptomatic Intracranial Hemorrhage. <i>Stroke</i> , 2021, 52, 1580-1588.	2.0	32
99	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.	4.5	6
100	Prediction of Clinical Outcomes in Acute Ischaemic Stroke Patients: A Comparative Study. <i>Frontiers in Neurology</i> , 2021, 12, 663899.	2.4	8
101	COVID-19 meets neurointervention on the pages of JNIS. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 863-864.	3.3	1
102	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.	7.3	45
103	Utility of Intravenous Alteplase Prior to Endovascular Stroke Treatment. <i>Neurology</i> , 2021, 97, e777-e784.	1.1	29
104	Influence of stroke infarct location on quality of life assessed in a multivariate lesion-symptom mapping study. <i>Scientific Reports</i> , 2021, 11, 13490.	3.3	6
105	24-hour blood pressure variability and treatment effect of intravenous alteplase in acute ischaemic stroke. <i>European Stroke Journal</i> , 2021, 6, 168-175.	5.5	2
106	Computed Tomography Based Score of Early Ischemic Changes Predicts Malignant Infarction. <i>Frontiers in Neurology</i> , 2021, 12, 669828.	2.4	3
107	Value of Perfusion CT in the Prediction of Intracerebral Hemorrhage after Endovascular Treatment. <i>Stroke Research and Treatment</i> , 2021, 2021, 1-9.	0.8	3
108	Perfusion Changes in Acute Stroke Treated with Theophylline as an Add-on to Thrombolysis. <i>Clinical Neuroradiology</i> , 2021, , 1.	1.9	0

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109	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.	2.4	3
110	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.	2.4	8
111	Reversible Ischemic Lesion Hypodensity in Acute Stroke CT Following Endovascular Reperfusion. <i>Neurology</i> , 2021, 97, e1075-e1084.	1.1	17
112	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.	2.4	2
113	Distinct intra-arterial clot localization affects tissue-level collaterals and venous outflow profiles. <i>European Journal of Neurology</i> , 2021, 28, 4109-4116.	3.3	20
114	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.	2.4	6
115	Deep Learning-Based Automated Thrombolysis in Cerebral Infarction Scoring: A Timely Proof-of-Principle Study. <i>Stroke</i> , 2021, 52, 3497-3504.	2.0	8
116	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, 1357.	3.2	7
117	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.	1.6	5
118	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.	2.4	11
119	Thrombectomy in Extensive Stroke May Not Be Beneficial and Is Associated With Increased Risk for Hemorrhage. <i>Stroke</i> , 2021, 52, 3109-3117.	2.0	40
120	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. <i>Clinical Neuroradiology</i> , 2021, 31, 1093-1100.	1.9	42
121	Cerebral microbleeds following thoracic endovascular aortic repair. <i>British Journal of Surgery</i> , 2021, 109, 46-52.	0.3	3
122	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.	1.1	5
123	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> , 2021, 59, 383-392.	2.3	4
124	Perceived Limits of Endovascular Treatment for Secondary Medium-Vessel-Occlusion Stroke. <i>American Journal of Neuroradiology</i> , 2021, 42, 2188-2193.	2.4	2
125	Class imbalance in gradient boosting classification algorithms: Application to experimental stroke data. <i>Statistical Methods in Medical Research</i> , 2021, 30, 916-925.	1.5	8
126	Design of Personalized Devices—The Tradeoff between Individual Value and Personalization Workload. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 241.	2.5	7

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127	Patient prioritization and management during the COVID-19 pandemic. <i>Interventional Neuroradiology</i> , 2021, 27, 19-23.	1.1	2
128	Aortic Model in a Neurointerventional Training Model – Modular Design and Additive Manufacturing. , 2021, , 437-454.		1
129	Persistent challenges in endovascular treatment decision-making for acute ischaemic stroke. <i>Current Opinion in Neurology</i> , 2021, Publish Ahead of Print, .	3.6	4
130	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.	3.7	7
131	The price of certainty: when is a new therapy good enough?. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1065-1066.	3.3	2
132	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.	2.4	7
133	Development and Manufacturing of Cervical Stenosis Models for the Integration Into a Neurointerventional Simulation Model. , 2021, , .		1
134	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.	2.4	11
135	Cortical atrophy and transcallosal diaschisis following isolated subcortical stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 611-621.	4.3	38
136	Ischemic lesion growth in acute stroke: Water uptake quantification distinguishes between edema and tissue infarct. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 823-832.	4.3	27
137	Clinical Characteristics and Outcome of Patients with Lacunar Infarcts and Concurrent Embolic Ischemic Lesions. <i>Clinical Neuroradiology</i> , 2020, 30, 511-516.	1.9	3
138	Neoplastic and Non-Neoplastic Causes of Acute Intracerebral Hemorrhage on CT. <i>Clinical Neuroradiology</i> , 2020, 30, 271-278.	1.9	7
139	Normalization of reduced functional connectivity after revascularization of asymptomatic carotid stenosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1838-1848.	4.3	13
140	Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke. <i>JAMA Neurology</i> , 2020, 77, 25.	9.0	107
141	Clinical relevance of asymptomatic intracerebral hemorrhage post thrombectomy depends on angiographic collateral score. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1599-1607.	4.3	17
142	Intracranial bailout stenting with the Acclino (Flex) Stent/NeuroSpeed Balloon Catheter after failed thrombectomy in acute ischemic stroke: a multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 43-47.	3.3	18
143	Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts. <i>Stroke</i> , 2020, 51, 335-337.	2.0	25
144	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. <i>Stroke</i> , 2020, 51, 209-215.	2.0	18

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145	Elevated blood glucose is associated with aggravated brain edema in acute stroke. <i>Journal of Neurology</i> , 2020, 267, 440-448.	3.6	29
146	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.	4.3	50
147	Recanalization is the Key for Better Outcome of Thrombectomy in Basilar Artery Occlusion. <i>Clinical Neuroradiology</i> , 2020, 30, 769-775.	1.9	16
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