Jens Fiehler

List of Publications by Year
in descending order

367	12,739	36303	42399
papers	citations	51 h-index	92 g-index

378	378	378	10968
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. New England Journal of Medicine, 2018, 379, 611-622.	27.0	912
2	DWI-FLAIR mismatch for the identification of patients with acute ischaemic stroke within 4Â·5 h of symptom onset (PRE-FLAIR): a multicentre observational study. Lancet Neurology, The, 2011, 10, 978-986.	10.2	468
3	European Stroke Organisation (ESO) â€“ European Society for Minimally Invasive Neurological Therapy (ESMINT) Guidelines on Mechanical Thrombectomy in Acute Ischaemic StrokeEndorsed by Stroke Alliance for Europe (SAFE). European Stroke Journal, 2019, 4, 6-12.	5.5	343
4	Mechanical thrombectomy in acute ischemic stroke: Consensus statement by ESO-Karolinska Stroke Update 2014/2015, supported by ESO, ESMINT, ESNR and EAN. International Journal of Stroke, 2016, 11, 134-147.	5.9	303
5	European Stroke Organisation (ESO)- European Society for Minimally Invasive Neurological Therapy (ESMINT) guidelines on mechanical thrombectomy in acute ischemic stroke. Journal of NeuroInterventional Surgery, 2019, 11, 535-538.	3.3	298
6	Severe ADC Decreases Do Not Predict Irreversible Tissue Damage In Humans. Stroke, 2002, 33, 79-86.	2.0	275
7	BleedingRiskAnalysis inStrokeImaging Before ThromboLysis (BRASIL). Stroke, 2007, 38, 2738-2744.	2.0	240
8	Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells. Developmental Cell, 2018, 45, 33-52.e12.	7.0	219
9	Predictors of Apparent Diffusion Coefficient Normalization in Stroke Patients. Stroke, 2004, 35, 514-519.	2.0	201
10	Influence of Stroke Infarct Location on Functional Outcome Measured by the Modified Rankin Scale. Stroke, 2014, 45, 1695-1702.	2.0	193
11	Clinical and angiographic risk factors for stroke and death within 30 days after carotid endarterectomy and stent-protected angioplasty: a subanalysis of the SPACE study. Lancet Neurology, The, 2008, 7, 216-222.	10.2	186
12	Functional Outcome Following Stroke Thrombectomy in Clinical Practice. Stroke, 2019, 50, 2500-2506.	2.0	179
13	Safety and efficacy of aneurysm treatment with WEB in the cumulative population of three prospective, multicenter series. Journal of NeuroInterventional Surgery, 2018, 10, 553-559.	3.3	162
14	Radiomics of Brain MRI: Utility in Prediction of Metastatic Tumor Type. Radiology, 2019, 290, 479-487.	7.3	161
15	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
16	Protection or Nonprotection in Carotid Stent Angioplasty. Stroke, 2009, 40, 841-846.	2.0	142
17	Safety and Efficacy of Aneurysm Treatment with the WEB: Results of the WEBCAST 2 Study. American Journal of Neuroradiology, 2017, 38, 1151-1155.	2.4	139
18	A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Test Efficacy and Safety of Magnetic Resonance Imaging-Based Thrombolysis in Wake-up Stroke (WAKE-UP). International Journal of Stroke, 2014, 9, 829-836.	5.9	130

#	Article	IF	Citations
19	Clinical benefit of thrombectomy in stroke patients with low ASPECTS is mediated by oedema reduction. Brain, 2019, 142, 1399-1407.	7.6	129
20	Altered TAOK2 activity causes autism-related neurodevelopmental and cognitive abnormalities through RhoA signaling. Molecular Psychiatry, 2019, 24, 1329-1350.	7.9	128
21	Challenging the Ischemic Core Concept in Acute Ischemic Stroke Imaging. Stroke, 2020, 51, 3147-3155.	2.0	122
22	The Role of the Cerebral Capillaries in Acute Ischemic Stroke: The Extended Penumbra Model. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 635-648.	4.3	115
23	Blood Oxygen Levelâ€“Dependent MRI Allows Metabolic Description of Tissue at Risk in Acute Stroke Patients. Stroke, 2006, 37, 1778-1784.	2.0	108
24	Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke. JAMA Neurology, 2020, 77, 25.	9.0	107
25	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. Lancet, The, 2020, 396, 1574-1584.	13.7	107
26	European Recommendations on Organisation of Interventional Care in Acute Stroke (EROICAS). International Journal of Stroke, 2016, 11, 701-716.	5.9	105
27	Global impact of COVID-19 on stroke care. International Journal of Stroke, 2021, 16, 573-584.	5.9	104
28	Quantitative Lesion Water Uptake in Acute Stroke Computed Tomography Is a Predictor of Malignant Infarction. Stroke, 2018, 49, 1906-1912.	2.0	100
29	Intravenous Administration of Acetylsalicylic Acid During Endovascular Treatment of Cerebral Aneurysms Reduces the Rate of Thromboembolic Events. Stroke, 2006, 37, 1816-1821.	2.0	88
30	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	2.0	88
31	Computed tomographyâ€“based quantification of lesion water uptake identifies patients within 4.5 hours of stroke onset: A multicenter observational study. Annals of Neurology, 2016, 80, 924-934.	5.3	88
32	Computed Tomographyâ€“Based Imaging of Voxel-Wise Lesion Water Uptake in Ischemic Brain. Investigative Radiology, 2018, 53, 207-213.	6.2	84
33	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke. JAMA Neurology, 2021, 78, 434.	9.0	79
34	Recanalization Rate per Retrieval Attempt in Mechanical Thrombectomy for Acute Ischemic Stroke. Stroke, 2018, 49, 2523-2525.	2.0	78
35	Somatosensory Deficits After Ischemic Stroke. Stroke, 2019, 50, 1116-1123.	2.0	78
36	Systematic evaluation of stroke thrombectomy in clinical practice: The German Stroke Registry Endovascular Treatment. International Journal of Stroke, 2019, 14, 372-380.	5.9	76

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37	Reasons for failed endovascular recanalization attempts in stroke patients. Journal of NeuroInterventional Surgery, 2019, 11, 439-442.	3.3	73
38	Characterizing physiological heterogeneity of infarction risk in acute human ischaemic stroke using MRI. Brain, 2006, 129, 2384-2393.	7.6	71
39	Lysosomal dysfunction and impaired autophagy in a novel mouse model deficient for the lysosomal membrane protein Cln7. Human Molecular Genetics, 2016, 25, 777-791.	2.9	71
40	Predictors of poor clinical outcome despite complete reperfusion in acute ischemic stroke patients. Journal of NeuroInterventional Surgery, 2021, 13, 14-18.	3.3	71
41	Current Status of Endovascular Treatment for Acute Large Vessel Occlusion in China. Stroke, 2021, 52, 1203-1212.	2.0	71
42	Multivariate Dynamic Prediction of Ischemic Infarction and Tissue Salvage as a Function of Time and Degree of Recanalization. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1397-1405.	4.3	69
43	A randomized controlled trial to test efficacy and safety of thrombectomy in stroke with extended lesion and extended time window. International Journal of Stroke, 2019, 14, 87-93.	5.9	69
44	Apparent Diffusion Coefficient Decreases and Magnetic Resonance Imaging Perfusion Parameters are Associated in Ischemic Tissue of Acute Stroke Patients. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 577-584.	4.3	68
45	Aneurysm treatment with WEB in the cumulative population of two prospective, multicenter series: 3-year follow-up. Journal of NeuroInterventional Surgery, 2021, 13, 363-368.	3.3	67
46	Cerebral Blood Flow Predicts Lesion Growth in Acute Stroke Patients. Stroke, 2002, 33, 2421-2425.	2.0	66
47	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. Journal of NeuroInterventional Surgery, 2022, 14, 209-227.	3.3	66
48	3D cerebrovascular segmentation combining fuzzy vessel enhancement and level-sets with anisotropic energy weights. Magnetic Resonance Imaging, 2013, 31, 262-271.	1.8	65
49	Reperfusion after Severe Local Perfusion Deficit Precedes Hemorrhagic Transformation: An MRI Study in Acute Stroke Patients. Cerebrovascular Diseases, 2005, 19, 117-124.	1.7	63
50	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. JAMA Neurology, 2019, 76, 641.	9.0	63
51	Patients with low Alberta Stroke Program Early CT Score (ASPECTS) but good collaterals benefit from endovascular recanalization. Journal of NeuroInterventional Surgery, 2020, 12, 747-752.	3.3	59
52	Heterogeneity of Multiple Sclerosis Lesions in Multislice Myelin Water Imaging. PLoS ONE, 2016, 11, e0151496.	2.5	59
53	Differences in complication rates among the centres in the SPACE study. Neuroradiology, 2008, 50, 1049-1053.	2.2	56
54	Aneurysm Treatment With Woven EndoBridge in the Cumulative Population of 3 Prospective, Multicenter Series: 2-Year Follow-Up. Neurosurgery, 2020, 87, 357-367.	1.1	55

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55	Artefacts in multimodal imaging of titanium, zirconium and binary titaniumâ€“zirconium alloy dental implants: an in vitro study. Dentomaxillofacial Radiology, 2017, 46, 20160267.	2.7	54
56	Futile Recanalization With Poor Clinical Outcome Is Associated With Increased Edema Volume After Ischemic Stroke. Investigative Radiology, 2019, 54, 282-287.	6.2	54
57	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. European Stroke Journal, 2022, 7, I-XXVI.	5.5	54
58	3D Printing of Intracranial Aneurysms Using Fused Deposition Modeling Offers Highly Accurate Replications. American Journal of Neuroradiology, 2016, 37, 120-124.	2.4	53
59	â€˜Drip-and-driveâ€™: shipping the neurointerventionalist to provide mechanical thrombectomy in primary stroke centers. Journal of NeuroInterventional Surgery, 2018, 10, 932-936.	3.3	51
60	Magnetic Particle Imaging for High Temporal Resolution Assessment of Aneurysm Hemodynamics. PLoS ONE, 2016, 11, e0160097.	2.5	51
61	International Survey of Acute Stroke Imaging Used to Make Revascularization Treatment Decisions. International Journal of Stroke, 2015, 10, 759-762.	5.9	50
62	Comparing different thrombectomy techniques in five large-volume centers: a â€˜real worldâ€™ observational study. Journal of NeuroInterventional Surgery, 2018, 10, 525-529.	3.3	50
63	Hemorrhage After Endovascular Recanalization in Acute Stroke: Lesion Extent, Collaterals and Degree of Ischemic Water Uptake Mediate Tissue Vulnerability. Frontiers in Neurology, 2019, 10, 569.	2.4	50
64	Impact of endovascular recanalization on quantitative lesion water uptake in ischemic anterior circulation strokes. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 437-445.	4.3	50
65	Good Clinical Outcome Decreases With Number of Retrieval Attempts in Stroke Thrombectomy. Stroke, 2021, 52, 482-490.	2.0	50
66	Diffusion-Weighted Imaging in Acute Stroke â€“ A Tool of Uncertain Value?. Cerebrovascular Diseases, 2002, 14, 187-196.	1.7	48
67	Second-Generation Hydrogel Coils for the Endovascular Treatment of Intracranial Aneurysms. Stroke, 2018, 49, 667-674.	2.0	46
68	Computed Tomography Angiography Collateral Profile Is Directly Linked to Early Edema Progression Rate in Acute Ischemic Stroke. Stroke, 2019, 50, 3424-3430.	2.0	46
69	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. Stroke, 2021, 52, 1761-1767.	2.0	46
70	T2â€² Imaging Predicts Infarct Growth beyond the Acute Diffusion-weighted Imaging Lesion in Acute Stroke. Radiology, 2008, 248, 979-986.	7.3	45
71	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. Radiology, 2021, 299, 682-690.	7.3	45
72	Evaluation of four different optimized magnetic-resonance-imaging sequences for visualization of dental and maxillo-mandibular structures at 3ÂT. Journal of Cranio-Maxillo-Facial Surgery, 2014, 42, 1356-1363.	1.7	44

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73	Mechanical thrombectomy in nonagenarians with acute ischemic stroke. Journal of NeuroInterventional Surgery, 2019, 11, 1091-1094.	3.3	44
74	Lesion Age Imaging in Acute Stroke: Water Uptake in <scp>CT</scp> Versus <scp>DWIâ€FLAIR</scp> Mismatch. Annals of Neurology, 2020, 88, 1144-1152.	5.3	44
75	Persistent Hemodynamic Changes in Ruptured Brain Arteriovenous Malformations. Stroke, 2012, 43, 2910-2915.	2.0	43
76	Endovascular Treatment of Very Elderly Patients Aged â‰¥90 With Acute Ischemic Stroke. Journal of the American Heart Association, 2020, 9, e014447.	3.7	43
77	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. Clinical Neuroradiology, 2021, 31, 1093-1100.	1.9	42
78	Treatment Methods and Early Neurologic Improvement After Endovascular Treatment of Tandem Occlusions in Acute Ischemic Stroke. Frontiers in Neurology, 2019, 10, 127.	2.4	40
79	Thrombectomy in Extensive Stroke May Not Be Beneficial and Is Associated With Increased Risk for Hemorrhage. Stroke, 2021, 52, 3109-3117.	2.0	40
80	Association of Computed Tomography Ischemic Lesion Location With Functional Outcome in Acute Large Vessel Occlusion Ischemic Stroke. Stroke, 2017, 48, 2426-2433.	2.0	39
81	Clinical and Imaging Characteristics in Patients with SARS-CoV-2 Infection and Acute Intracranial Hemorrhage. Journal of Clinical Medicine, 2020, 9, 2543.	2.4	39
82	Impaired endothelium-mediated cerebrovascular reactivity promotes anxiety and respiration disorders in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1753-1761.	7.1	39
83	Thrombectomy Versus Combined Thrombolysis and Thrombectomy in Patients With Acute Stroke. Stroke, 2021, 52, 1589-1600.	2.0	39
84	Multiclass Support Vector Machine-Based Lesion Mapping Predicts Functional Outcome in Ischemic Stroke Patients. PLoS ONE, 2015, 10, e0129569.	2.5	39
85	Prevention and Treatment of Thromboembolism during Endovascular Aneurysm Therapy*. Klinische Neuroradiologie, 2009, 19, 73-81.	0.9	38
86	Age-Related Measurements of the Myelin Water Fraction derived from 3D multi-echo GRASE reflect Myelin Content of the Cerebral White Matter. Scientific Reports, 2018, 8, 14991.	3.3	38
87	Cortical atrophy and transcallosal diaschisis following isolated subcortical stroke. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 611-621.	4.3	38
88	The Myelin Water Fraction Serves as a Marker for Age-Related Myelin Alterations in the Cerebral White Matter â€“ A Multiparametric MRI Aging Study. Frontiers in Neuroscience, 2020, 14, 136.	2.8	38
89	ARUBA â€“ beating natural history in unruptured brain AVMs by intervention. Neuroradiology, 2008, 50, 465-467.	2.2	37
90	Silent Brain Infarctions and Leukoaraiosis in Patients With Retinal Ischemia. Stroke, 2017, 48, 1392-1396.	2.0	37

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91	Antiplatelet Management for Stent-Assisted Coiling and Flow Diversion of Ruptured Intracranial Aneurysms: A DELPHI Consensus Statement. American Journal of Neuroradiology, 2020, 41, 1856-1862.	2.4	37
92	Validity of Acute Stroke Lesion Volume Estimation by Diffusion-Weighted Imagingâ€“Alberta Stroke Program Early Computed Tomographic Score Depends on Lesion Location in 496 Patients With Middle Cerebral Artery Stroke. Stroke, 2014, 45, 3583-3588.	2.0	36
93	Triage of 5 Noncontrast Computed Tomography Markers and Spot Sign for Outcome Prediction After Intracerebral Hemorrhage. Stroke, 2018, 49, 2317-2322.	2.0	36
94	Elevated early lesion water uptake in acute stroke predicts poor outcome despite successful recanalization â€“ When â€œtissue clockâ€•and â€œtime clockâ€•are desynchronized. International Journal of Stroke, 2021, 16, 863-872.	5.9	36
95	Are There Time-Dependent Differences in Diffusion and Perfusion Within the First 6 Hours After Stroke Onset?. Stroke, 2004, 35, 2099-2104.	2.0	35
96	Early Blood Brain Barrier Changes in Acute Ischemic Stroke: A Sequential MRI Study. Journal of Neuroimaging, 2015, 25, 959-963.	2.0	35
97	Better Diffusion Segmentation in Acute Ischemic Stroke Through Automatic Tree Learning Anomaly Segmentation. Frontiers in Neuroinformatics, 2018, 12, 21.	2.5	35
98	Association of Venous Outflow Profiles and Successful Vessel Reperfusion After Thrombectomy. Neurology, 2021, 96, .	1.1	34
99	Optimized 14â€‰+â€‰1 receive coil array and position system for 3D high-resolution MRI of dental and maxillomandibular structures. Dentomaxillofacial Radiology, 2016, 45, 20150177.	2.7	33
100	Histological Clot Composition Is Associated With Preinterventional Clot Migration in Acute Stroke Patients. Stroke, 2019, 50, 2065-2071.	2.0	33
101	Vessel diameter and catheter-to-vessel ratio affect the success rate of clot aspiration. Journal of NeuroInterventional Surgery, 2021, 13, 605-608.	3.3	33
102	CT-perfusion stroke imaging: a threshold free probabilistic approach to predict infarct volume compared to traditional ischemic thresholds. Scientific Reports, 2017, 7, 6679.	3.3	32
103	European Society of Minimally Invasive Neurological Therapy (ESMINT) recommendations for optimal interventional neurovascular management in the COVID-19 era. Journal of NeuroInterventional Surgery, 2020, 12, 542-544.	3.3	32
104	Number of Retrieval Attempts Rather Than Procedure Time Is Associated With Risk of Symptomatic Intracranial Hemorrhage. Stroke, 2021, 52, 1580-1588.	2.0	32
105	Emergency Intracranial Stenting in Acute Stroke: Predictors for Poor Outcome and for Complications. Journal of the American Heart Association, 2020, 9, e012795.	3.7	31
106	Training and Supervision of Thrombectomy by Remote Live Streaming Support (RESS). Clinical Neuroradiology, 2021, 31, 181-187.	1.9	31
107	Imaging-Based Outcome Prediction of Acute Intracerebral Hemorrhage. Translational Stroke Research, 2021, 12, 958-967.	4.2	31
108	Early detection of pulp necrosis and dental vitality after traumatic dental injuries in children and adolescents by 3-Tesla magnetic resonance imaging. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1088-1093.	1.7	30

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109	Subacute Infarct Volume With Edema Correction in Computed Tomography Is Equivalent to Final Infarct Volume After Ischemic Stroke. Investigative Radiology, 2018, 53, 472-476.	6.2	30
110	Stroke Lesion Segmentation in FLAIR MRI Datasets Using Customized Markov Random Fields. Frontiers in Neurology, 2019, 10, 541.	2.4	30
111	Sex Differences in Outcome After Thrombectomy for Acute Ischemic Stroke are Explained by Confounding Factors. Clinical Neuroradiology, 2021, 31, 1101-1109.	1.9	30
112	Stroke patients treated by thrombectomy in real life differ from cohorts of the clinical trials: a prospective observational study. BMC Neurology, 2020, 20, 81.	1.8	30
113	Perfusion imaging-based tissue-level collaterals predict ischemic lesion net water uptake in patients with acute ischemic stroke and large vessel occlusion. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2199220.	4.3	30
114	Platelet endothelial cell adhesion molecule-1 is a gatekeeper of neutrophil transendothelial migration in ischemic stroke. Brain, Behavior, and Immunity, 2021, 93, 277-287.	4.1	30
115	Vascular occlusion sites determine differences in lesion growth from early apparent diffusion coefficient lesion to final infarct. American Journal of Neuroradiology, 2005, 26, 1056-61.	2.4	30
116	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
117	State of Acute Endovascular Therapy. Stroke, 2015, 46, 1727-1734.	2.0	29
118	Prospective Randomized Open-label Trial to evaluate risk faCTor management in patients with Unruptured intracranial aneurysms: Study protocol. International Journal of Stroke, 2018, 13, 992-998.	5.9	29
119	Elevated blood glucose is associated with aggravated brain edema in acute stroke. Journal of Neurology, 2020, 267, 440-448.	3.6	29
120	Early clinical surrogates for outcome prediction after stroke thrombectomy in daily clinical practice. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1055-1059.	1.9	29
121	Utility of Intravenous Alteplase Prior to Endovascular Stroke Treatment. Neurology, 2021, 97, e777-e784.	1.1	29
122	Impact of Ischemic Lesion Location on the mRS Score in Patients with Ischemic Stroke: A Voxel-Based Approach. American Journal of Neuroradiology, 2018, 39, 1989-1994.	2.4	28
123	Network Localisation of White Matter Damage in Cerebral Small Vessel Disease. Scientific Reports, 2020, 10, 9210.	3.3	28
124	Ischemic lesion growth in acute stroke: Water uptake quantification distinguishes between edema and tissue infarct. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 823-832.	4.3	27
125	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
126	The Safety and Effectiveness of the Contour Neurovascular System (Contour) for the Treatment of Bifurcation Aneurysms: The CERUS Study. Neurosurgery, 2022, 90, 270-277.	1.1	27

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127	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). Journal of NeuroInterventional Surgery, 2020, 12, 726-730.	3.3	26
128	Predictors of independent outcome of thrombectomy in stroke patients with large baseline infarcts in clinical practice: a multicenter analysis. Journal of NeuroInterventional Surgery, 2020, 12, 1064-1068.	3.3	26
129	Factors affecting outcome after endovascular treatment of intracranial aneurysms. Current Opinion in Neurology, 2009, 22, 103-108.	3.6	25
130	ERASER. Stroke, 2019, 50, 1275-1278.	2.0	25
131	Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts. Stroke, 2020, 51, 335-337.	2.0	25
132	Select wisely: the ethical challenge of defining large core with perfusion in the early time window. Journal of NeuroInterventional Surgery, 2021, 13, 497-499.	3.3	25
133	Vascular events after transsylvian selective amygdalohippocampectomy and impact on epilepsy outcome. Epilepsia, 2014, 55, 763-769.	5.1	24
134	Clinical Characteristics and Outcome of Patients With Hemorrhagic Transformation After Intravenous Thrombolysis in the WAKE-UP Trial. Frontiers in Neurology, 2020, 11, 957.	2.4	24
135	Perfusion Imaging Predicts Favorable Outcomes after Basilar Artery Thrombectomy. Annals of Neurology, 2022, 91, 23-32.	5.3	24
136	Older Age and Greater Carotid Intima-Media Thickness Predict Ischemic Events Associated with Carotid-Artery Stenting. Cerebrovascular Diseases, 2010, 30, 567-572.	1.7	23
137	Thrombolysis in Cerebral Infarction 2b Reperfusions. Stroke, 2020, 51, 3461-3471.	2.0	23
138	Noise robust spatially regularized myelin water fraction mapping with the intrinsic B₁-error correction based on the linearized version of the extended phase graph model. Journal of Magnetic Resonance Imaging, 2016, 43, 800-817.	3.4	22
139	T1 Recovery Is Predominantly Found in Black Holes and Is Associated with Clinical Improvement in Patients with Multiple Sclerosis. American Journal of Neuroradiology, 2017, 38, 264-269.	2.4	22
140	Does Device Selection Impact Recanalization Rate and Neurological Outcome?. Stroke, 2020, 51, 1182-1189.	2.0	22
141	Factors Associated with Failure of Reperfusion in Endovascular Therapy for Acute Ischemic Stroke. Clinical Neuroradiology, 2021, 31, 197-205.	1.9	22
142	Clinical Diffusion Mismatch to Select Pediatric Patients for Embolectomy 6 to 24 Hours After Stroke. Neurology, 2021, 96, e343-e351.	1.1	22
143	4D blood flow visualization fusing 3D and 4D MRA image sequences. Journal of Magnetic Resonance Imaging, 2012, 36, 443-453.	3.4	21
144	Neuroradiologic Characteristics of Primary Angiitis of the Central Nervous System According to the Affected Vessel Size. Clinical Neuroradiology, 2019, 29, 37-44.	1.9	21

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145	Emergency Conversion to General Anesthesia Is a Tolerable Risk in Patients Undergoing Mechanical Thrombectomy. American Journal of Neuroradiology, 2020, 41, 122-127.	2.4	21
146	Imaging-based prediction of histological clot composition from admission CT imaging. Journal of NeuroInterventional Surgery, 2021, 13, 1053-1057.	3.3	21
147	Aspiration Versus Stent Retriever Thrombectomy for Distal, Medium Vessel Occlusion Stroke in the Posterior Circulation: A Subanalysis of the TOPMOST Study. Stroke, 2022, 53, 2449-2457.	2.0	21
148	Volumetric Description of Brain Atrophy in Neuronal Ceroid Lipofuscinosis 2: Supratentorial Gray Matter Shows Uniform Disease Progression. American Journal of Neuroradiology, 2016, 37, 1938-1943.	2.4	20
149	Intracranial Rescue Stent Angioplasty After Stent-Retriever Thrombectomy. Clinical Neuroradiology, 2019, 29, 445-457.	1.9	20
150	Longitudinal Changes in Hippocampal Subfield Volume Associated with Collegiate Football. Journal of Neurotrauma, 2019, 36, 2762-2773.	3.4	20
151	Evaluation of a modular in vitro neurovascular procedure simulation for intracranial aneurysm embolization. Journal of NeuroInterventional Surgery, 2020, 12, 214-219.	3.3	20
152	Automatic Segmentation of Stroke Lesions in Non-Contrast Computed Tomography Datasets With Convolutional Neural Networks. IEEE Access, 2020, 8, 94871-94879.	4.2	20
153	White matter integrity and structural brain network topology in cerebral small vessel disease: The Hamburg city health study. Human Brain Mapping, 2021, 42, 1406-1415.	3.6	20
154	Distinct intraâ€arterial clot localization affects tissueâ€level collaterals and venous outflow profiles. European Journal of Neurology, 2021, 28, 4109-4116.	3.3	20
155	Evaluation and reduction of magnetic resonance imaging artefacts induced by distinct plates for osseous fixation: an in vitro study @ 3ÂT. Dentomaxillofacial Radiology, 2018, 47, 20170361.	2.7	19
156	Highest Lesion Growth Rates in Patients With Hyperacute Stroke. Stroke, 2019, 50, 189-192.	2.0	19
157	Republished: Interhospital teleproctoring of endovascular intracranial aneurysm treatment using a dedicated live-streaming technology: first experiences during the COVID-19 pandemic. Journal of NeuroInterventional Surgery, 2021, 13, e1-e1.	3.3	19
158	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. Neurology, 2022, 98, .	1.1	19
159	Intracranial bailout stenting with the Acclino (Flex) Stent/NeuroSpeed Balloon Catheter after failed thrombectomy in acute ischemic stroke: a multicenter experience. Journal of NeuroInterventional Surgery, 2020, 12, 43-47.	3.3	18
160	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. Stroke, 2020, 51, 209-215.	2.0	18
161	Modeling the Optimal Transportation for Acute Stroke Treatment. Stroke, 2020, 51, 275-281.	2.0	18
162	Linking cortical atrophy to white matter hyperintensities of presumed vascular origin. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1682-1691.	4.3	18

#	Article	IF	Citations
163	Neoplastic and Non-neoplastic Acute Intracerebral Hemorrhage in CT Brain Scans: Machine Learning-Based Prediction Using Radiomic Image Features. Frontiers in Neurology, 2020, 11, 285.	2.4	18
164	Intracranial Stenting After Failed Thrombectomy in Patients With Moderately Severe Stroke: A Multicenter Cohort Study. Frontiers in Neurology, 2020, 11, 97.	2.4	18
165	Plea of the defenceâ€"critical comments on the interpretation of EVA3S, SPACE and ICSS. Neuroradiology, 2010, 52, 601-610.	2.2	17
166	Improved detectability of acute and subacute brainstem infarctions by combining standard axial and thin-sliced sagittal DWI. PLoS ONE, 2018, 13, e0200092.	2.5	17
167	Clinical relevance of asymptomatic intracerebral hemorrhage post thrombectomy depends on angiographic collateral score. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1599-1607.	4.3	17
168	Computed tomography-based triage of extensive baseline infarction: ASPECTS and collaterals versus perfusion imaging for outcome prediction. Journal of NeuroInterventional Surgery, 2021, 13, 869-874.	3.3	17
169	Automatic arterial input function selection in CT and MR perfusion datasets using deep convolutional neural networks. Medical Physics, 2020, 47, 4199-4211.	3.0	17
170	Ischemic lesion water homeostasis after thrombectomy for large vessel occlusion stroke within the anterior circulation: The impact of age. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 45-52.	4.3	17
171	Expanding indications for endovascular thrombectomy-how to leave no patient behind. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642199890.	3.5	17
172	How to Improve the Management of Acute Ischemic Stroke by Modern Technologies, Artificial Intelligence, and New Treatment Methods. Life, 2021, 11, 488.	2.4	17
173	Reversible Ischemic Lesion Hypodensity in Acute Stroke CT Following Endovascular Reperfusion. Neurology, 2021, 97, e1075-e1084.	1.1	17
174	Reliability of cortical lesion detection on double inversion recovery MRI applying the MAGNIMS-Criteria in multiple sclerosis patients within a 16-months period. PLoS ONE, 2017, 12, e0172923.	2.5	16
175	New Interventional Stroke Trials. Clinical Neuroradiology, 2019, 29, 1-1.	1.9	16
176	Recanalization is the Key for Better Outcome of Thrombectomy in Basilar Artery Occlusion. Clinical Neuroradiology, 2020, 30, 769-775.	1.9	16
177	Patient-reported, health-related, quality of life after stroke thrombectomy in clinical practice. Neurology, 2020, 95, e1724-e1732.	1.1	16
178	Feasibility and safety of thrombectomy for isolated occlusions of the posterior cerebral artery: a multicenter experience and systematic literature review. Journal of NeuroInterventional Surgery, 2021, 13, 217-220.	3.3	16
179	Safety and Angiographic Efficacy of Intra-Arterial Fibrinolytics as Adjunct to Mechanical Thrombectomy: Results from the INFINITY Registry. Journal of Stroke, 2021, 23, 91-102.	3.2	16
180	Heterogeneity of multiple sclerosis lesions in fast diffusional kurtosis imaging. PLoS ONE, 2021, 16, e0245844.	2.5	16

#	Article	IF	Citations
181	Technical considerations of multi-parametric tissue outcome prediction methods in acute ischemic stroke patients. Scientific Reports, 2019, 9, 13208.	3.3	16
182	The Cerebral Collateral Cascade. Neurology, 2022, 98, .	1.1	16
183	Thrombectomy in Patients Ineligible for iv tPA (THRILL). International Journal of Stroke, 2015, 10, 950-955.	5.9	15
184	Intra-aneurysmal flow disruption after implantation of the MedinaÂ® Embolization Device depends on aneurysm neck coverage. PLoS ONE, 2018, 13, e0191975.	2.5	15
185	Design for Mass Adaptation of the Neurointerventional Training Model HANNES with Patient-Specific Aneurysm Models. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 897-906.	0.6	15
186	Posterior circulation stroke: machine learning-based detection of early ischemic changes in acute non-contrast CT scans. Journal of Neurology, 2020, 267, 2632-2641.	3.6	15
187	Effect of Balloon Guide Catheter Utilization on the Incidence of Sub-angiographic Peripheral Emboli on High-Resolution DWI After Thrombectomy: A Prospective Observational Study. Frontiers in Neurology, 2020, 11, 386.	2.4	15
188	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
189	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. Scientific Reports, 2022, 12, 1581.	3.3	15
190	Favourable arterial, tissue-level and venous collaterals correlate with early neurological improvement after successful thrombectomy treatment of acute ischaemic stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 701-706.	1.9	15
191	The use of multiparametric quantitative magnetic resonance imaging for evaluating visually assigned lesion groups in patients with multiple sclerosis. Journal of Neurology, 2018, 265, 127-133.	3.6	14
192	Cortical thickness and cognitive performance in asymptomatic unilateral carotid artery stenosis. BMC Cardiovascular Disorders, 2019, 19, 154.	1.7	14
193	Considerations for Antiplatelet Management of Carotid Stenting in the Setting of Mechanical Thrombectomy: A Delphi Consensus Statement. American Journal of Neuroradiology, 2020, 41, 2274-2279.	2.4	14
194	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. Nature Communications, 2021, 12, 2590.	12.8	14
195	Venous outflow profiles are associated with early edema progression in ischemic stroke. International Journal of Stroke, 2022, 17, 1078-1084.	5.9	14
196	Pathophysiology and Treatment of Brain AVMs*. Klinische Neuroradiologie, 2009, 19, 82-90.	0.9	13
197	A collaborative sequential meta-analysis of individual patient data from randomized trials of endovascular therapy and tPA vs. tPA alone for acute ischemic stroke: <u>T</u>h<u>R</u>omb<u>E</u>ctomy <u>A</u>nd <u>t</u>PA (TREAT) analysis: statistical analysis plan for a sequential meta-analysis performed within the VISTA-Endovascular collaboration. International Journal of Stroke, 2015, 10, 136-144.	5.9	13
198	Elective treatment of intracranial stenosis with the balloon-expandable Pharos Vitesse stent: 30-day stroke rate and complications. Journal of NeuroInterventional Surgery, 2015, 7, 188-193.	3.3	13

#	Article	IF	Citations
199	Normalization of reduced functional connectivity after revascularization of asymptomatic carotid stenosis. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1838-1848.	4.3	13
200	ADAPT technique in ischemic stroke treatment of M2 middle cerebral artery occlusions in comparison to M1 occlusions: PostÂhoc analysis of the PROMISE study. Interventional Neuroradiology, 2020, 26, 178-186.	1.1	13
201	Interhospital teleproctoring of endovascular intracranial aneurysm treatment using a dedicated live-streaming technology: first experiences during the COVID-19 pandemic. BMJ Case Reports, 2020, 13, e016722.	0.5	13
202	Improved multi-parametric prediction of tissue outcome in acute ischemic stroke patients using spatial features. PLoS ONE, 2020, 15, e0228113.	2.5	13
203	Outcomes in young adults with acute ischemic stroke undergoing endovascular thrombectomy: A realâ€world multicenter experience. European Journal of Neurology, 2021, 28, 2736-2744.	3.3	13
204	Factors influencing thrombectomy decision making for primary medium vessel occlusion stroke. Journal of NeuroInterventional Surgery, 2022, 14, 350-355.	3.3	13
205	Edema is not a reliable diagnostic sign to exclude small brain metastases. PLoS ONE, 2017, 12, e0177217.	2.5	13
206	Bridging Thrombolysis versus Direct Mechanical Thrombectomy in Stroke Due to Basilar Artery Occlusion. Journal of Stroke, 2022, 24, 128-137.	3.2	13
207	Common data elements reported on middle meningeal artery embolization in chronic subdural hematoma: an interactive systematic review of recent trials. Journal of NeuroInterventional Surgery, 2022, 14, 1027-1032.	3.3	13
208	Intravenous tPA (Tissue-Type Plasminogen Activator) Correlates With Favorable Venous Outflow Profiles in Acute Ischemic Stroke. Stroke, 2022, 53, 3145-3152.	2.0	13
209	Quantification of recurrence volumes after endovascular treatment of cerebral aneurysm as surrogate endpoint for treatment stability. Neuroradiology, 2011, 53, 593-598.	2.2	12
210	Stenting with Acclino (flex) for symptomatic intracranial stenosis as secondary stroke prevention. Journal of NeuroInterventional Surgery, 2020, 12, 1127-1131.	3.3	12
211	Early Prediction of Malignant Cerebellar Edema in Posterior Circulation Stroke Using Quantitative Lesion Water Uptake. Neurosurgery, 2021, 88, 531-537.	1.1	12
212	Relationship between the degree of recanalization and functional outcome in acute ischemic stroke is mediated by penumbra salvage volume. Journal of Neurology, 2021, 268, 2213-2222.	3.6	12
213	Comprehensive analysis of early fractional anisotropy changes in acute ischemic stroke. PLoS ONE, 2017, 12, e0188318.	2.5	12
214	Failed Thrombectomy in Acute Ischemic Stroke. Stroke, 2018, 49, 811-812.	2.0	11
215	Efficiency of Dexamethasone for Treatment of Vasogenic Edema in Brain Metastasis Patients: A Radiographic Approach. Frontiers in Oncology, 2019, 9, 695.	2.8	11
216	Workflow patterns and potential for optimization in endovascular stroke treatment across the world: results from a multinational survey. Journal of NeuroInterventional Surgery, 2020, 12, neurintsurg-2020-015902.	3.3	11

#	Article	IF	Citations
217	Inter- and Intrarater Agreement of Spot Sign and Noncontrast CT Markers for Early Intracerebral Hemorrhage Expansion. Journal of Clinical Medicine, 2020, 9, 1020.	2.4	11
218	Small thrombus size, thrombus composition, and poor collaterals predict pre-interventional thrombus migration. Journal of NeuroInterventional Surgery, 2021, 13, 409-414.	3.3	11
219	A DELPHI consensus statement on antiplatelet management for intracranial stenting due to underlying atherosclerosis in the setting of mechanical thrombectomy. Neuroradiology, 2021, 63, 627-632.	2.2	11
220	A Prospective Multicenter Registry on Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke (Save ChildS Pro). Frontiers in Neurology, 2021, 12, 736092.	2.4	11
221	Sensitivity of Hyperdense Basilar Artery Sign on Non-Enhanced Computed Tomography. PLoS ONE, 2015, 10, e0141096.	2.5	11
222	Feasibility of Quantification of Intracranial Aneurysm Pulsation with 4D CTA with Manual and Computer-Aided Post-Processing. PLoS ONE, 2016, 11, e0166810.	2.5	11
223	Ischemic Lesion Water Uptake in Acute Stroke: Is Blood Glucose Related to Cause and Effect?. Journal of Stroke, 2019, 21, 347-349.	3.2	11
224	The Benefit of Thrombectomy in Patients With Low ASPECTS Is a Matter of Shades of Grayâ€"What Current Trials May Have Missed. Frontiers in Neurology, 2021, 12, 718046.	2.4	11
225	Impact of Severe Extracranial ICA Stenosis on MRI Perfusion and Diffusion Parameters in Acute Ischemic Stroke. Frontiers in Neurology, 2014, 5, 254.	2.4	10
226	Is Visual Evaluation of Aneurysm Coiling a Reliable Study End Point?. Stroke, 2015, 46, 1574-1581.	2.0	10
227	The Timeâ€"Reset Effect. Clinical Neuroradiology, 2017, 27, 3-5.	1.9	10
228	Critical Analysis of an e-Learning and Interactive Teaching Module with Respect to the Interpretation of Emergency Computed Tomography of the Brain. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 334-340.	1.3	10
229	Dynamics of Water Diffusion Changes in Different Tissue Compartments From Acute to Chronic Strokeâ€"A Serial Diffusion Tensor Imaging Study. Frontiers in Neurology, 2019, 10, 158.	2.4	10
230	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. Journal of NeuroInterventional Surgery, 2021, 13, 722-726.	3.3	10
231	Residual Flow Inside the Woven EndoBridge Device at Follow-Up: Potential Predictors of the BicÃªtre Occlusion Scale Score 1 Phenomenon. American Journal of Neuroradiology, 2020, 41, 1232-1237.	2.4	10
232	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
233	Sub-angiographic peripheral emboli in high resolution DWI after endovascular recanalization. Journal of Neurology, 2020, 267, 1401-1406.	3.6	10
234	Cerebrovascular Collateral Integrity in Pediatric Large Vessel Occlusion. Neurology, 2022, 98, .	1.1	10

#	Article	IF	Citations
235	Stroke Lesion Volumes and Outcome Are Not Different in Hemispheric Stroke Side Treated With Intravenous Thrombolysis Based on Magnetic Resonance Imaging Criteria. Stroke, 2015, 46, 1004-1008.	2.0	9
236	Correlation of oxygenation and perfusion sensitive MRI with invasive micro probe measurements in healthy mice brain. Zeitschrift Fur Medizinische Physik, 2015, 25, 77-85.	1.5	9
237	Thrombolysis management in thrombectomy patients: Real-life data from German stroke centres. European Stroke Journal, 2017, 2, 356-360.	5.5	9
238	Embolus Analog Trajectory Paths Under Physiological Flowrates Through Patient-Specific Aortic Arch Models. Journal of Biomechanical Engineering, 2019, 141, .	1.3	9
239	Hemodynamic Differences Between Recurrent and Nonrecurrent Intracranial Aneurysms: Fluid Dynamics Simulations Based on MR Angiography. Journal of Neuroimaging, 2019, 29, 447-453.	2.0	9
240	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
241	Quantitative Evaluation of Performance in Interventional Neuroradiology: An Integrated Curriculum Featuring Theoretical and Practical Challenges. PLoS ONE, 2016, 11, e0148694.	2.5	9
242	Cerebral venous outflow profiles are associated with the first pass effect in endovascular thrombectomy. Journal of NeuroInterventional Surgery, 2022, 14, 1056-1061.	3.3	9
243	Cerebral Hypoperfusion Intensity Ratio Is Linked to Progressive Early Edema Formation. Journal of Clinical Medicine, 2022, 11, 2373.	2.4	9
244	Apparent Diffusion Coefficient, Fractional Anisotropy and T2 Relaxation Time Measurement. Klinische Neuroradiologie, 2007, 17, 230-238.	0.9	8
245	Structural integrity of white matter tracts as a predictor of acute ischemic stroke outcome. International Journal of Stroke, 2020, 15, 965-972.	5.9	8
246	Prediction of Clinical Outcomes in Acute Ischaemic Stroke Patients: A Comparative Study. Frontiers in Neurology, 2021, 12, 663899.	2.4	8
247	Value of Dual-Energy Dual-Layer CT After Mechanical Recanalization for the Quantification of Ischemic Brain Edema. Frontiers in Neurology, 2021, 12, 668030.	2.4	8
248	Deep Learningâ€“Based Automated Thrombolysis in Cerebral Infarction Scoring: A Timely Proof-of-Principle Study. Stroke, 2021, 52, 3497-3504.	2.0	8
249	Class imbalance in gradient boosting classification algorithms: Application to experimental stroke data. Statistical Methods in Medical Research, 2021, 30, 916-925.	1.5	8
250	Health-related quality of life after thrombectomy in young-onset versus older stroke patients: a multicenter analysis. Journal of NeuroInterventional Surgery, 2022, 14, 1145-1150.	3.3	8
251	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort. Frontiers in Aging Neuroscience, 2022, 14, 782738.	3.4	8
252	Benefit of Intravenous Alteplase before Thrombectomy Depends on <scp>ASPECTS</scp>. Annals of Neurology, 2022, 92, 588-595.	5.3	8

#	Article	IF	Citations
253	Spatial Distribution of Perfusion Abnormality in Acute MCA Occlusion is Associated with Likelihood of Later Recanalization. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 813-819.	4.3	7
254	Voxel-Based Sensitivity of Flat-Panel CT for the Detection of Intracranial Hemorrhage: Comparison to Multi-Detector CT. PLoS ONE, 2016, 11, e0165794.	2.5	7
255	A decade of lung expansion: A review of ventilation-weighted 1 H lung MRI. Zeitschrift Fur Medizinische Physik, 2017, 27, 172-179.	1.5	7
256	Feasibility Study of a Novel High-Flow Cold Air Cooling Protocol of the Porcine Brain Using MRI Temperature Mapping. Therapeutic Hypothermia and Temperature Management, 2018, 8, 45-52.	0.9	7
257	Neoplastic and Non-Neoplastic Causes of Acute Intracerebral Hemorrhage on CT. Clinical Neuroradiology, 2020, 30, 271-278.	1.9	7
258	Primary Multivessel Occlusions Treated With Mechanical Thrombectomy. Stroke, 2020, 51, e232-e237.	2.0	7
259	Safety and efficacy of intravenous thrombolysis in stroke patients on prior antiplatelet therapy in the WAKE-UP trial. Neurological Research and Practice, 2020, 2, 40.	2.0	7
260	The Impact of Covariates in Voxel-Wise Lesion-Symptom Mapping. Frontiers in Neurology, 2020, 11, 854.	2.4	7
261	Feasibility of a customizable training environment for neurointerventional skills assessment. PLoS ONE, 2020, 15, e0238952.	2.5	7
262	Treatment Efficacy Analysis in Acute Ischemic Stroke Patients Using In Silico Modeling Based on Machine Learning: A Proof-of-Principle. Biomedicines, 2021, 9, 1357.	3.2	7
263	Design of Personalized Devicesâ€"The Tradeoff between Individual Value and Personalization Workload. Applied Sciences (Switzerland), 2021, 11, 241.	2.5	7
264	Study Criteria Applied to Real Lifeâ€"A Multicenter Analysis of Stroke Patients Undergoing Endovascular Treatment in Clinical Practice. Journal of the American Heart Association, 2021, 10, e017919.	3.7	7
265	T1 Relaxation Times in the Cortex and Thalamus Are Associated With Working Memory and Information Processing Speed in Patients With Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 789812.	2.4	7
266	Assessment of Irreversible Tissue Injury in Extensive Ischemic Strokeâ€"Potential of Quantitative Cerebral Perfusion. Translational Stroke Research, 2023, 14, 562-571.	4.2	7
267	Future trials of endovascular mechanical recanalisation therapy in acute ischemic stroke patients - A position paper endorsed by ESMINT and ESNR. Neuroradiology, 2012, 54, 1303-1312.	2.2	6
268	Rigid 3Dâ€"3D registration of TOF MRA integrating vessel segmentation for quantification of recurrence volumes after coiling cerebral aneurysm. Neuroradiology, 2012, 54, 171-176.	2.2	6
269	Feasibility of non-contrast-enhanced four dimensional (4D) MRA in head and neck tumors, comparison with contrast-enhanced 4D MRA. SpringerPlus, 2016, 5, 1282.	1.2	6
270	Identification of imaging selection patterns in acute ischemic stroke patients and the influence on treatment and clinical trial enrollment decision making. International Journal of Stroke, 2016, 11, 180-190.	5.9	6

#	Article	IF	Citations
271	Intraparenchymal Hyperattenuations on Flat-Panel CT Directly After Mechanical Thrombectomy are Restricted to the Initial Infarct Core on Diffusion-Weighted Imaging. Clinical Neuroradiology, 2018, 28, 91-97.	1.9	6
272	Effect of thrombectomy on oedema progression and clinical outcome in patients with a poor collateral profile. Stroke and Vascular Neurology, 2021, 6, 222-229.	3.3	6
273	Repeated mechanical thrombectomy in short-term large vessel occlusion recurrence: multicenter study and systematic review of the literature. Journal of NeuroInterventional Surgery, 2020, 12, neurintsurg-2020-015938.	3.3	6
274	Extent of FLAIR Hyperintense Vessels May Modify Treatment Effect of Thrombolysis: A Post hoc Analysis of the WAKE-UP Trial. Frontiers in Neurology, 2020, 11, 623881.	2.4	6
275	Impact of intravenous alteplase on sub-angiographic emboli in high-resolution diffusion-weighted imaging following successful thrombectomy. European Radiology, 2021, 31, 8228-8235.	4.5	6
276	Influence of stroke infarct location on quality of life assessed in a multivariate lesion-symptom mapping study. Scientific Reports, 2021, 11, 13490.	3.3	6
277	Endovascular Device Choice and Tools for Recanalization of Medium Vessel Occlusions: Insights From the MeVO FRONTIERS International Survey. Frontiers in Neurology, 2021, 12, 735899.	2.4	6
278	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
279	Systematic Review on Endovascular Access to Intracranial Arteries for Mechanical Thrombectomy in Acute Ischemic Stroke. Clinical Neuroradiology, 2022, 32, 5-12.	1.9	6
280	Localized prediction of tissue outcome in acute ischemic stroke patients using diffusion- and perfusion-weighted MRI datasets. PLoS ONE, 2020, 15, e0241917.	2.5	6
281	Predicting flow diverter sizing using the AneuGuide^{TM}software: a validation study. Journal of NeuroInterventional Surgery, 2023, 15, 57-62.	3.3	6
282	Table for Optimization and Monitoring of Cerebral Aneurysm Therapy (TOMCAT). Klinische Neuroradiologie, 2008, 18, 168-176.	0.9	5
283	ERic Acute StrokE Recanalization: A study using predictive analytics to assess a new device for mechanical thrombectomy. International Journal of Stroke, 2017, 12, 659-666.	5.9	5
284	Inverse Perfusion Requirements of Supra- and Infratentorial Brain Metastases Formation. Frontiers in Neurology, 2018, 9, 391.	2.4	5
285	Analysis of the influence of imaging-related uncertainties on cerebral aneurysm deformation quantification using a no-deformation physical flow phantom. Scientific Reports, 2018, 8, 11004.	3.3	5
286	Comparison of classification methods for tissue outcome after ischaemic stroke. European Journal of Neuroscience, 2019, 50, 3590-3598.	2.6	5
287	Collateral scoring in acute stroke patients with low ASPECTS: an unnecessary or underestimated tool for treatment selection?. Brain, 2019, 142, e36-e36.	7.6	5
288	New ESO/ESMINT Thrombectomy Guidelines: after Guideline Writing is before Guideline Writing. Clinical Neuroradiology, 2019, 29, 189-190.	1.9	5

#	Article	IF	Citations
289	Investigation of the Hemodynamics Influencing Emboli Trajectories Through a Patient-Specific Aortic Arch Model. Stroke, 2019, 50, 1531-1538.	2.0	5
290	Major central nervous system complications after allogeneic stem cell transplantation: A large retrospective study on 888 consecutive adult patients. European Journal of Haematology, 2020, 105, 722-730.	2.2	5
291	Game-theoretical mapping of fundamental brain functions based on lesion deficits in acute stroke. Brain Communications, 2021, 3, fcab204.	3.3	5
292	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. Frontiers in Neurology, 2021, 12, 613029.	2.4	5
293	Improved Detectability of Brain Stem Ischemia by Combining Axial and Coronal Diffusion-Weighted Imaging. Stroke, 2021, 52, 1843-1846.	2.0	5
294	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). Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105940.	1.6	5
295	Time Matters: Handling Spatio-Temporal Perfusion Information for Automated TICI Scoring. Lecture Notes in Computer Science, 2020, , 86-96.	1.3	5
296	CT Hypoperfusion-Hypodensity Mismatch to Identify Patients With Acute Ischemic Stroke Within 4.5 Hours of Symptom Onset. Neurology, 2021, 97, e2088-e2095.	1.1	5
297	Estimating nocturnal stroke onset times by magnetic resonance imaging in the WAKE-UP trial. International Journal of Stroke, 2022, 17, 323-330.	5.9	5
298	Radiological Evaluation Criteria for Chronic Subdural Hematomas. Clinical Neuroradiology, 2022, 32, 923-929.	1.9	5
299	Imaging-based outcome prediction in posterior circulation stroke. Journal of Neurology, 2022, 269, 3800-3809.	3.6	5
300	New imaging score for outcome prediction in basilar artery occlusion stroke. European Radiology, 2022, 32, 4491-4499.	4.5	5
301	Effect of Sex on Outcomes of Mechanical Thrombectomy in Basilar Artery Occlusion: A Multicentre Cohort Study. Cerebrovascular Diseases, 2022, 51, 639-646.	1.7	5
302	Review of Current Large Core Volume Stroke Thrombectomy Clinical Trials: Controversies and Progress. , 2022, 2, .		5
303	Contrast-Enhanced MR Angiography Improves Detection of Carotid-T Occlusion by Acute Stroke MRI. Klinische Neuroradiologie, 2008, 18, 163-167.	0.9	4
304	Hypointense Vessels Detected by Susceptibilityâ€Weighted Imaging Identifies Tissue at Risk of Infarction in Anterior Circulation Stroke. Journal of Neuroimaging, 2017, 27, 414-420.	2.0	4
305	CIRSE Position Statement: Interventional Radiologists and Intra-arterial Stroke Therapy. CardioVascular and Interventional Radiology, 2018, 41, 1460-1462.	2.0	4
306	Response by Wollenweber et al to Letter by Katsanos et al Regarding Article, â€œFunctional Outcome Following Stroke Thrombectomy in Clinical Practiceâ€• Stroke, 2019, 50, e427.	2.0	4

#	Article	IF	Citations
307	The Role of Interventional Radiologists in AcuteÂStroke Interventions: A Joint Statement from the Australia and New Zealand Society of Neuroradiology (ANZSNR), the Society of Neurointerventional Surgery (SNIS), the United Kingdom Neurointerventional Group (UKNG), the British Society of Neuroradiology (BSNR), and the European Society for Minimally Invasive, Neurological Therapy (ESMINT). Journal of Vascular and Interventional Radiology, 2019, 30, 1400-1403.	0.5	4
308	Spectrally fat-suppressed coronal 2D TSE sequences may be more sensitive than 2D STIR for the detection of hyperintense optic nerve lesions. European Radiology, 2019, 29, 6266-6274.	4.5	4
309	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
310	Risk Factors for Cerebral Aneurysm Rupture in Mongolia. Clinical Neuroradiology, 2022, 32, 499-506.	1.9	4
311	Cerebral Hemodynamics in Patients with Hemolytic Uremic Syndrome Assessed by Susceptibility Weighted Imaging and Four-Dimensional Non-Contrast MR Angiography. PLoS ONE, 2016, 11, e0164863.	2.5	4
312	Comparison of acetylsalicylic acid and clopidogrel non-responsiveness assessed by light transmittance aggregometry and PFA-100^{Â®} in patients undergoing neuroendovascular procedures. Clinical Chemistry and Laboratory Medicine, 2021, 59, 383-392.	2.3	4
313	Persistent challenges in endovascular treatment decision-making for acute ischaemic stroke. Current Opinion in Neurology, 2021, Publish Ahead of Print, .	3.6	4
314	How Much of the Thrombectomy Related Improvement in Functional Outcome Is Already Apparent at 24 Hours and at Hospital Discharge?. Stroke, 2022, , 101161STROKEAHA121037888.	2.0	4
315	Changes in the Cerebello-Thalamo-Cortical Network After Magnetic Resonance-Guided Focused Ultrasound Thalamotomy. Brain Connectivity, 2023, 13, 28-38.	1.7	4
316	Comparison of classification methods for voxel-based prediction of acute ischemic stroke outcome following intra-arterial intervention. Proceedings of SPIE, 2017, , .	0.8	3
317	Computed tomography findings in patients with primarily unknown causes of severe or recurrent epistaxis. PLoS ONE, 2019, 14, e0220380.	2.5	3
318	Post-hoc Analysis of Outcome of Intravenous Thrombolysis in Infarcts of Infratentorial Localization in the WAKE-UP Trial. Frontiers in Neurology, 2019, 10, 983.	2.4	3
319	Standards of Practice in Acute Ischemic Stroke Intervention International Recommendations. Canadian Journal of Neurological Sciences, 2019, 46, 269-274.	0.5	3
320	Clinical Characteristics and Outcome of Patients with Lacunar Infarcts and Concurrent Embolic Ischemic Lesions. Clinical Neuroradiology, 2020, 30, 511-516.	1.9	3
321	Modeling the Optimal Transportation for Acute Stroke Treatment. Clinical Neuroradiology, 2021, 31, 729-736.	1.9	3
322	Computed Tomography Based Score of Early Ischemic Changes Predicts Malignant Infarction. Frontiers in Neurology, 2021, 12, 669828.	2.4	3
323	Value of Perfusion CT in the Prediction of Intracerebral Hemorrhage after Endovascular Treatment. Stroke Research and Treatment, 2021, 2021, 1-9.	0.8	3
324	Interaction Effect of Baseline Serum Glucose and Early Ischemic Water Uptake on the Risk of Secondary Hemorrhage After Ischemic Stroke. Frontiers in Neurology, 2021, 12, 690193.	2.4	3

#	Article	IF	Citations
325	Cerebral microbleeds following thoracic endovascular aortic repair. British Journal of Surgery, 2021, 109, 46-52.	0.3	3
326	Perihematomal diffusion restriction as a common finding in large intracerebral hemorrhages in the hyperacute phase. PLoS ONE, 2017, 12, e0184518.	2.5	3
327	Embotrap Extraction & Clot Evaluation & Lesion Evaluation for NeuroThrombectomy (EXCELLENT) Registry design and methods. Journal of NeuroInterventional Surgery, 2022, 14, 783-787.	3.3	3
328	Cost-Effectiveness of Endovascular Thrombectomy in Childhood Stroke: An Analysis of the Save ChildS Study. Journal of Stroke, 2022, 24, 138-147.	3.2	3
329	By and Large, Thrombectomy in Large Core Is a Palpable Reality. Stroke, 2022, 53, 2709-2712.	2.0	3
330	Thrombolysis in Neuromedicine. Klinische Neuroradiologie, 2008, 18, 88-97.	0.9	2
331	Quantitative T2* mapping reveals early temporo-spatial dynamics in an ischemic stroke model. Journal of Neuroscience Methods, 2016, 259, 83-89.	2.5	2
332	Factors Influencing Confidence in Diagnostic Ratings and Retreatment Recommendations in Coiled Aneurysms. American Journal of Neuroradiology, 2018, 39, 869-874.	2.4	2
333	Homogeneous application of imaging criteria in a multicenter trial supported by investigator training: A report from the WAKE-UP study. European Journal of Radiology, 2018, 104, 115-119.	2.6	2
334	Response by Wollenweber et al to Letter by Wu et al Regarding Article, â€œFunctional Outcome Following Stroke Thrombectomy in Clinical Practiceâ€• Stroke, 2019, 50, e429.	2.0	2
335	Development of Cortical Lesion Volumes on Double Inversion Recovery MRI in Patients With Relapse-Onset Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 133.	2.4	2
336	Symptoms and probabilistic anatomical mapping of lacunar infarcts. Neurological Research and Practice, 2020, 2, 21.	2.0	2
337	24-hour blood pressure variability and treatment effect of intravenous alteplase in acute ischaemic stroke. European Stroke Journal, 2021, 6, 168-175.	5.5	2
338	Patient-Relevant Deficits Dictate Endovascular Thrombectomy Decision-Making in Patients with Low NIHSS Scores with Medium-Vessel Occlusion Stroke. American Journal of Neuroradiology, 2021, 42, 1834-1838.	2.4	2
339	Perceived Limits of Endovascular Treatment for Secondary Medium-Vessel-Occlusion Stroke. American Journal of Neuroradiology, 2021, 42, 2188-2193.	2.4	2
340	Patient prioritization and management during the COVID-19 pandemic. Interventional Neuroradiology, 2021, 27, 19-23.	1.1	2
341	Worldwide anaesthesia use during endovascular treatment for medium vessel occlusion stroke. Interventional Neuroradiology, 2022, 28, 469-475.	1.1	2
342	The price of certainty: when is a new therapy good enough?. Journal of NeuroInterventional Surgery, 2021, 13, 1065-1066.	3.3	2

#	Article	IF	Citations
343	Development of synthetic thrombus models to simulate stroke treatment in a physical neurointerventional training model. International Journal of Transgender Health, 2022, 15, 283-301.	2.3	2
344	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
345	An in vitro assessment of atrial fibrillation flow types on cardiogenic emboli trajectory paths. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 1421-1431.	1.8	1
346	Letter by Broocks et al Regarding Article, â€œMechanical Thrombectomy in Patients With Ischemic Stroke With Prestroke Disabilityâ€• Stroke, 2020, 51, e167-e168.	2.0	1
347	Cherry-picking the Wrong Patients?. Clinical Neuroradiology, 2020, 30, 41-42.	1.9	1
348	AÂEuropean Perspective on the German System for Thrombectomy in Stroke Patients. Clinical Neuroradiology, 2021, 31, 7-9.	1.9	1
349	COVID-19 meets neurointervention on the pages of JNIS. Journal of NeuroInterventional Surgery, 2021, 13, 863-864.	3.3	1
350	Correspondence on 'Thrombectomy in special populations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee' by Al-Mufti et al. Journal of NeuroInterventional Surgery, 2022, 14, 414-415.	3.3	1
351	Aortic Model in a Neurointerventional Training Model â€“ Modular Design and Additive Manufacturing. , 2021, , 437-454.		1
352	Development and Manufacturing of Cervical Stenosis Models for the Integration Into a Neurointerventional Simulation Model. , 2021, , .		1
353	Higher baseline blood glucose is associated with reduced likelihood for successful recanalization in patients with basilar artery occlusion. Journal of Neurology, 2022, , 1.	3.6	1
354	Effect of Intravenous Alteplase on Functional Outcome and Secondary Injury Volumes in Stroke Patients with Complete Endovascular Recanalization. Journal of Clinical Medicine, 2022, 11, 1565.	2.4	1
355	Intrinsic functional brain connectivity is resilient to chronic hypoperfusion caused by unilateral carotid artery stenosis. NeuroImage: Clinical, 2022, 34, 103014.	2.7	1
356	Midline Shift in Chronic Subdural Hematoma. Clinical Neuroradiology, 2022, , 1.	1.9	1
357	New remote cerebral microbleeds in acute ischemic stroke: an analysis of the randomized, placebo-controlled WAKE-UP trial. Journal of Neurology, 2022, 269, 5660-5667.	3.6	1
358	Cerebral Fractional Flow Reserve for Functional Evaluation of Intracranial Atherosclerotic Stenosis. Translational Stroke Research, 0, , .	4.2	1
359	4D blood flow visualization fusing 3D and 4D MRA image sequences. Journal of Magnetic Resonance Imaging, 2012, 36, spcone.	3.4	0
360	Aligning 3D time-of-flight MRA datasets for quantitative longitudinal studies: evaluation of rigid registration techniques. Magnetic Resonance Imaging, 2014, 32, 1390-1395.	1.8	0

#	Article	IF	Citations
361	Reply: Net water uptake: a new tool for the assessment of ischaemic stroke oedema. Brain, 2019, 142, e35-e35.	7.6	0
362	The INSPIRE Registry: Entering aÂNew Era of Medical Device Research in the Neurovascular Field. Clinical Neuroradiology, 2020, 30, 659-660.	1.9	0
363	Letter by Meyer et al Regarding Article, â€œImpact of Reperfusion for Nonagenarians Treated by Mechanical Thrombectomy: Insights From the ETIS Registryâ€. Stroke, 2020, 51, e60.	2.0	0
364	Enhancing Education to Avoid Complications in Endovascular Treatment of Unruptured Intracranial Aneurysms: A Neurointerventionalistâ€™s Perspective. American Journal of Neuroradiology, 2021, 42, 28-31.	2.4	0
365	Perfusion Changes in Acute Stroke Treated with Theophylline as an Add-on to Thrombolysis. Clinical Neuroradiology, 2021, , 1.	1.9	0
366	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
367	Iterative Reconstruction Improves Both Objective and Subjective Image Quality in Acute Stroke CTP. PLoS ONE, 2016, 11, e0150103.	2.5	0