

Jens Fiehler

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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	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. <i>New England Journal of Medicine</i> , 2018 , 379, 611-622	59.2	588
336	DWI-FLAIR mismatch for the identification of patients with acute ischaemic stroke within 4.5 h of symptom onset (PRE-FLAIR): a multicentre observational study. <i>Lancet Neurology, The</i> , 2011 , 10, 978-86	24.1	364
335	Mechanical thrombectomy in acute ischemic stroke: Consensus statement by ESO-Karolinska Stroke Update 2014/2015, supported by ESO, ESMINT, ESNR and EAN. <i>International Journal of Stroke</i> , 2016 , 11, 134-47	6.3	252
334	Severe ADC decreases do not predict irreversible tissue damage in humans. <i>Stroke</i> , 2002 , 33, 79-86	6.7	250
333	Bleeding risk analysis in stroke imaging before thrombolysis (BRASIL): pooled analysis of T2*-weighted magnetic resonance imaging data from 570 patients. <i>Stroke</i> , 2007 , 38, 2738-44	6.7	212
332	Predictors of apparent diffusion coefficient normalization in stroke patients. <i>Stroke</i> , 2004 , 35, 514-9	6.7	173
331	European Stroke Organisation (ESO) - European Society for Minimally Invasive Neurological Therapy (ESMINT) Guidelines on Mechanical Thrombectomy in Acute Ischaemic Stroke Endorsed by Stroke Alliance for Europe (SAFE). <i>European Stroke Journal</i> , 2019 , 4, 6-12	5.6	154
330	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. <i>Lancet Neurology, The</i> , 2008 , 7, 216-22	24.1	151
329	European Stroke Organisation (ESO)- European Society for Minimally Invasive Neurological Therapy (ESMINT) guidelines on mechanical thrombectomy in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 535-538	7.8	150
328	Influence of stroke infarct location on functional outcome measured by the modified rankin scale. <i>Stroke</i> , 2014 , 45, 1695-702	6.7	140
327	Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells. <i>Developmental Cell</i> , 2018 , 45, 33-52.e12	10.2	135
326	Protection or nonprotection in carotid stent angioplasty: the influence of interventional techniques on outcome data from the SPACE Trial. <i>Stroke</i> , 2009 , 40, 841-6	6.7	122
325	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). <i>International Journal of Stroke</i> , 2014 , 9, 829-36	6.3	116
324	Safety and efficacy of aneurysm treatment with WEB in the cumulative population of three prospective, multicenter series. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 553-559	7.8	115
323	Safety and Efficacy of Aneurysm Treatment with the WEB: Results of the WEBCAST 2 Study. <i>American Journal of Neuroradiology</i> , 2017 , 38, 1151-1155	4.4	98
322	The role of the cerebral capillaries in acute ischemic stroke: the extended penumbra model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 635-48	7.3	98
321	Blood-oxygen-level-dependent MRI allows metabolic description of tissue at risk in acute stroke patients. <i>Stroke</i> , 2006 , 37, 1778-84	6.7	95

320	Clinical benefit of thrombectomy in stroke patients with low ASPECTS is mediated by oedema reduction. <i>Brain</i> , 2019 , 142, 1399-1407	11.2	87
319	Functional Outcome Following Stroke Thrombectomy in Clinical Practice. <i>Stroke</i> , 2019 , 50, 2500-2506	6.7	84
318	European Recommendations on Organisation of Interventional Care in Acute Stroke (EROICAS). <i>International Journal of Stroke</i> , 2016 , 11, 701-16	6.3	80
317	Radiomics of Brain MRI: Utility in Prediction of Metastatic Tumor Type. <i>Radiology</i> , 2019 , 290, 479-487	20.5	78
316	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials: Consensus Recommendations and Further Research Priorities. <i>Stroke</i> , 2016 , 47, 1389-98	6.7	77
315	Intravenous administration of acetylsalicylic acid during endovascular treatment of cerebral aneurysms reduces the rate of thromboembolic events. <i>Stroke</i> , 2006 , 37, 1816-21	6.7	76
314	Altered TAOK2 activity causes autism-related neurodevelopmental and cognitive abnormalities through RhoA signaling. <i>Molecular Psychiatry</i> , 2019 , 24, 1329-1350	15.1	70
313	Characterizing physiological heterogeneity of infarction risk in acute human ischaemic stroke using MRI. <i>Brain</i> , 2006 , 129, 2384-93	11.2	65
312	Apparent diffusion coefficient decreases and magnetic resonance imaging perfusion parameters are associated in ischemic tissue of acute stroke patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001 , 21, 577-84	7.3	61
311	Recanalization Rate per Retrieval Attempt in Mechanical Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2018 , 49, 2523-2525	6.7	60
310	Cerebral blood flow predicts lesion growth in acute stroke patients. <i>Stroke</i> , 2002 , 33, 2421-5	6.7	58
309	Computed tomography-based quantification of lesion water uptake identifies patients within 4.5 hours of stroke onset: A multicenter observational study. <i>Annals of Neurology</i> , 2016 , 80, 924-934	9.4	55
308	Lysosomal dysfunction and impaired autophagy in a novel mouse model deficient for the lysosomal membrane protein Cln7. <i>Human Molecular Genetics</i> , 2016 , 25, 777-91	5.6	54
307	European Stroke Organisation (ESO) - European Society for Minimally Invasive Neurological Therapy (ESMINT) Guidelines on Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019 ,	7.8	53
306	Multivariate dynamic prediction of ischemic infarction and tissue salvage as a function of time and degree of recanalization. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1397-405	7.3	53
305	Quantitative Lesion Water Uptake in Acute Stroke Computed Tomography Is a Predictor of Malignant Infarction. <i>Stroke</i> , 2018 , 49, 1906-1912	6.7	52
304	Reasons for failed endovascular recanalization attempts in stroke patients. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 439-442	7.8	51
303	Reperfusion after severe local perfusion deficit precedes hemorrhagic transformation: an MRI study in acute stroke patients. <i>Cerebrovascular Diseases</i> , 2005 , 19, 117-24	3.2	50

302	Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke: The Save ChildS Study. <i>JAMA Neurology</i> , 2020 , 77, 25-34	17.2	50
301	3D cerebrovascular segmentation combining fuzzy vessel enhancement and level-sets with anisotropic energy weights. <i>Magnetic Resonance Imaging</i> , 2013 , 31, 262-71	3.3	49
300	Heterogeneity of Multiple Sclerosis Lesions in Multislice Myelin Water Imaging. <i>PLoS ONE</i> , 2016 , 11, e0151496	5.496	48
299	Challenging the Ischemic Core Concept in Acute Ischemic Stroke Imaging. <i>Stroke</i> , 2020 , 51, 3147-3155	6.7	47
298	Computed Tomography-Based Imaging of Voxel-Wise Lesion Water Uptake in Ischemic Brain: Relationship Between Density and Direct Volumetry. <i>Investigative Radiology</i> , 2018 , 53, 207-213	10.1	47
297	Differences in complication rates among the centres in the SPACE study. <i>Neuroradiology</i> , 2008 , 50, 1049-53	3.53	46
296	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
295	Diffusion-weighted imaging in acute stroke--a tool of uncertain value?. <i>Cerebrovascular Diseases</i> , 2002 , 14, 187-96	3.2	42
294	3D Printing of Intracranial Aneurysms Using Fused Deposition Modeling Offers Highly Accurate Replications. <i>American Journal of Neuroradiology</i> , 2016 , 37, 120-4	4.4	41
293	Magnetic Particle Imaging for High Temporal Resolution Assessment of Aneurysm Hemodynamics. <i>PLoS ONE</i> , 2016 , 11, e0160097	3.7	41
292	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. <i>JAMA Neurology</i> , 2019 , 76, 641-649	17.2	40
291	International survey of acute stroke imaging used to make revascularization treatment decisions. <i>International Journal of Stroke</i> , 2015 , 10, 759-62	6.3	40
290	T2N imaging predicts infarct growth beyond the acute diffusion-weighted imaging lesion in acute stroke. <i>Radiology</i> , 2008 , 248, 979-86	20.5	39
289	A randomized controlled trial to test efficacy and safety of thrombectomy in stroke with extended lesion and extended time window. <i>International Journal of Stroke</i> , 2019 , 14, 87-93	6.3	38
288	Systematic evaluation of stroke thrombectomy in clinical practice: The German Stroke Registry Endovascular Treatment. <i>International Journal of Stroke</i> , 2019 , 14, 372-380	6.3	38
287	Comparing different thrombectomy techniques in five large-volume centers: a real world observational study. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 525-529	7.8	37
286	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021 , 16, 573-584	6.3	36
285	Persistent hemodynamic changes in ruptured brain arteriovenous malformations. <i>Stroke</i> , 2012 , 43, 2910-657	6.57	34

284	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
283	Mechanical thrombectomy in nonagenarians with acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 1091-1094	7.8	32
282	Drip-and-drive shipping the neurointerventionalist to provide mechanical thrombectomy in primary stroke centers. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 932-936	7.8	32
281	Prevention and treatment of thromboembolism during endovascular aneurysm therapy. <i>Klinische Neuroradiologie</i> , 2009 , 19, 73-81		32
280	Multiclass Support Vector Machine-Based Lesion Mapping Predicts Functional Outcome in Ischemic Stroke Patients. <i>PLoS ONE</i> , 2015 , 10, e0129569	3.7	31
279	Artefacts in multimodal imaging of titanium, zirconium and binary titanium-zirconium alloy dental implants: an in vitro study. <i>Dentomaxillofacial Radiology</i> , 2017 , 46, 20160267	3.9	30
278	Silent Brain Infarctions and Leukoaraiosis in Patients With Retinal Ischemia: A Prospective Single-Center Observational Study. <i>Stroke</i> , 2017 , 48, 1392-1396	6.7	30
277	Evaluation of four different optimized magnetic-resonance-imaging sequences for visualization of dental and maxillo-mandibular structures at 3 T. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014 , 42, 1356-63	2.6	30
276	Association of Computed Tomography Ischemic Lesion Location With Functional Outcome in Acute Large Vessel Occlusion Ischemic Stroke. <i>Stroke</i> , 2017 , 48, 2426-2433	6.7	30
275	Second-Generation Hydrogel Coils for the Endovascular Treatment of Intracranial Aneurysms: A Randomized Controlled Trial. <i>Stroke</i> , 2018 , 49, 667-674	6.7	29
274	Early Blood Brain Barrier Changes in Acute Ischemic Stroke: A Sequential MRI Study. <i>Journal of Neuroimaging</i> , 2015 , 25, 959-63	2.8	28
273	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
272	Patients with low Alberta Stroke Program Early CT Score (ASPECTS) but good collaterals benefit from endovascular recanalization. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 747-752	7.8	28
271	Vascular occlusion sites determine differences in lesion growth from early apparent diffusion coefficient lesion to final infarct. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1056-61	4.4	27
270	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke: The TOPMOST Study. <i>JAMA Neurology</i> , 2021 , 78, 434-444	17.2	27
269	Futile Recanalization With Poor Clinical Outcome Is Associated With Increased Edema Volume After Ischemic Stroke. <i>Investigative Radiology</i> , 2019 , 54, 282-287	10.1	27
268	European Society of Minimally Invasive Neurological Therapy (ESMINT) recommendations for optimal interventional neurovascular management in the COVID-19 era. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 542-544	7.8	27
267	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

266	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
265	Triage of 5 Noncontrast Computed Tomography Markers and Spot Sign for Outcome Prediction After Intracerebral Hemorrhage. <i>Stroke</i> , 2018 , 49, 2317-2322	6.7	26
264	Treatment Methods and Early Neurologic Improvement After Endovascular Treatment of Tandem Occlusions in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019 , 10, 127	4.1	25
263	Somatosensory Deficits After Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 1116-1123	6.7	25
262	Hemorrhage After Endovascular Recanalization in Acute Stroke: Lesion Extent, Collaterals and Degree of Ischemic Water Uptake Mediate Tissue Vulnerability. <i>Frontiers in Neurology</i> , 2019 , 10, 569	4.1	25
261	State of acute endovascular therapy: report from the 12th thrombolysis, thrombectomy, and acute stroke therapy conference. <i>Stroke</i> , 2015 , 46, 1727-34	6.7	25
260	Are there time-dependent differences in diffusion and perfusion within the first 6 hours after stroke onset?. <i>Stroke</i> , 2004 , 35, 2099-104	6.7	25
259	Validity of acute stroke lesion volume estimation by diffusion-weighted imaging-Alberta Stroke Program Early Computed Tomographic Score depends on lesion location in 496 patients with middle cerebral artery stroke. <i>Stroke</i> , 2014 , 45, 3583-8	6.7	24
258	Factors affecting outcome after endovascular treatment of intracranial aneurysms. <i>Current Opinion in Neurology</i> , 2009 , 22, 103-8	7.1	24
257	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
256	Age-Related Measurements of the Myelin Water Fraction derived from 3D multi-echo GRASE reflect Myelin Content of the Cerebral White Matter. <i>Scientific Reports</i> , 2018 , 8, 14991	4.9	24
255	Prospective Randomized Open-label Trial to evaluate risk faCTOR management in patients with Unruptured intracranial aneurysms: Study protocol. <i>International Journal of Stroke</i> , 2018 , 13, 992-998	6.3	23
254	Computed Tomography Angiography Collateral Profile Is Directly Linked to Early Edema Progression Rate in Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 3424-3430	6.7	23
253	Vascular events after transsylvian selective amygdalohippocampectomy and impact on epilepsy outcome. <i>Epilepsia</i> , 2014 , 55, 763-769	6.4	22
252	Early detection of pulp necrosis and dental vitality after traumatic dental injuries in children and adolescents by 3-Tesla magnetic resonance imaging. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015 , 43, 1088-93	3.6	21
251	Better Diffusion Segmentation in Acute Ischemic Stroke Through Automatic Tree Learning Anomaly Segmentation. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 21	3.9	21
250	Lesion Age Imaging in Acute Stroke: Water Uptake in CT Versus DWI-FLAIR Mismatch. <i>Annals of Neurology</i> , 2020 , 88, 1144-1152	9.4	21
249	Cortical atrophy and transcallosal diaschisis following isolated subcortical stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 611-621	7.3	21

248	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
247	Histological Clot Composition Is Associated With Preinterventional Clot Migration in Acute Stroke Patients. <i>Stroke</i> , 2019 , 50, 2065-2071	6.7	20
246	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
245	Stroke Lesion Segmentation in FLAIR MRI Datasets Using Customized Markov Random Fields. <i>Frontiers in Neurology</i> , 2019 , 10, 541	4.1	19
244	Subacute Infarct Volume With Edema Correction in Computed Tomography Is Equivalent to Final Infarct Volume After Ischemic Stroke: Improving the Comparability of Infarct Imaging Endpoints in Clinical Trials. <i>Investigative Radiology</i> , 2018 , 53, 472-476	10.1	19
243	Optimized 14 + 1 receive coil array and position system for 3D high-resolution MRI of dental and maxillofacial structures. <i>Dentomaxillofacial Radiology</i> , 2016 , 45, 20150177	3.9	19
242	CT-perfusion stroke imaging: a threshold free probabilistic approach to predict infarct volume compared to traditional ischemic thresholds. <i>Scientific Reports</i> , 2017 , 7, 6679	4.9	19
241	Older age and greater carotid intima-media thickness predict ischemic events associated with carotid-artery stenting. <i>Cerebrovascular Diseases</i> , 2010 , 30, 567-72	3.2	19
240	Impact of Ischemic Lesion Location on the mRS Score in Patients with Ischemic Stroke: A Voxel-Based Approach. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1989-1994	4.4	19
239	Clinical and Imaging Characteristics in Patients with SARS-CoV-2 Infection and Acute Intracranial Hemorrhage. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	18
238	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
237	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 Neuroradiología Diagnostica y Terapeutica (SILAN), the Society of Minimally Invasive Neurological Therapy (SMINT), the Society of Endovascular Therapy (SEV), and the Society of Interventional Radiology (SIR). <i>World Neurology</i> , 2021 , 11, 145-157	7.8	17
236	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. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 800-17	5.6	17
235	4D blood flow visualization fusing 3D and 4D MRA image sequences. <i>Journal of Magnetic Resonance Imaging</i> , 2012 , 36, 443-53	5.6	17
234	Plea of the defence-critical comments on the interpretation of EVA3S, SPACE and ICSS. <i>Neuroradiology</i> , 2010 , 52, 601-10	3.2	15
233	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
232	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
231	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

230	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
229	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
228	T1 Recovery Is Predominantly Found in Black Holes and Is Associated with Clinical Improvement in Patients with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2017 , 38, 264-269	4.4	14
227	Elevated blood glucose is associated with aggravated brain edema in acute stroke. <i>Journal of Neurology</i> , 2020 , 267, 440-448	5.5	14
226	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
225	Antiplatelet Management for Stent-Assisted Coiling and Flow Diversion of Ruptured Intracranial Aneurysms: A DELPHI Consensus Statement. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1856-1862	4.4	14
224	Volumetric Description of Brain Atrophy in Neuronal Ceroid Lipofuscinosis 2: Supratentorial Gray Matter Shows Uniform Disease Progression. <i>American Journal of Neuroradiology</i> , 2016 , 37, 1938-1943	4.4	14
223	Highest Lesion Growth Rates in Patients With Hyperacute Stroke. <i>Stroke</i> , 2018 , STROKEAHA118023457	6.7	14
222	Imaging-Based Outcome Prediction of Acute Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2021 , 12, 958-967	7.8	14
221	Longitudinal Changes in Hippocampal Subfield Volume Associated with Collegiate Football. <i>Journal of Neurotrauma</i> , 2019 , 36, 2762-2773	5.4	13
220	Improved detectability of acute and subacute brainstem infarctions by combining standard axial and thin-sliced sagittal DWI. <i>PLoS ONE</i> , 2018 , 13, e0200092	3.7	13
219	Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts: A Prospective, Observational Study (NEUROSQUAD). <i>Stroke</i> , 2020 , 51, 335-337	6.7	13
218	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
217	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
216	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
215	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. <i>Clinical Neuroradiology</i> , 2021 , 31, 1093-1100	2.7	13
214	Intra-aneurysmal flow disruption after implantation of the Medina ² Embolization Device depends on aneurysm neck coverage. <i>PLoS ONE</i> , 2018 , 13, e0191975	3.7	12
213	Thrombectomy in patients ineligible for iv tPA (THRILL). <i>International Journal of Stroke</i> , 2015 , 10, 950-5	6.3	12

212	Neuroradiologic Characteristics of Primary Angiitis of the Central Nervous System According to the Affected Vessel Size. <i>Clinical Neuroradiology</i> , 2019 , 29, 37-44	2.7	12
211	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	7.3	12
210	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
209	A collaborative sequential meta-analysis of individual patient data from randomized trials of endovascular therapy and tPA vs. tPA alone for acute ischemic stroke: Thrombectomy And tPA (TREAT) analysis: statistical analysis plan for a sequential meta-analysis performed within the VISTA-Endovascular collaboration. <i>International Journal of Stroke</i> , 2015 , 10 Suppl A100, 136-44	6.3	11
208	Pathophysiology and treatment of brain AVMs. <i>Klinische Neuroradiologie</i> , 2009 , 19, 82-90		11
207	Modeling the Optimal Transportation for Acute Stroke Treatment: The Impact of the Drip-and-Drive Paradigm. <i>Stroke</i> , 2020 , 51, 275-281	6.7	11
206	Evaluation of a modular in vitro neurovascular procedure simulation for intracranial aneurysm embolization. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 214-219	7.8	11
205	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
204	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
203	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
202	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
201	Evaluation and reduction of magnetic resonance imaging artefacts induced by distinct plates for osseous fixation: an in vitro study @ 3T. <i>Dentomaxillofacial Radiology</i> , 2018 , 47, 20170361	3.9	11
200	ERASER. <i>Stroke</i> , 2019 , 50, 1275-1278	6.7	10
199	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
198	Reliability of cortical lesion detection on double inversion recovery MRI applying the MAGNIMS-Criteria in multiple sclerosis patients within a 16-months period. <i>PLoS ONE</i> , 2017 , 12, e0172923	3.7	10
197	Intracranial Rescue Stent Angioplasty After Stent-Retriever Thrombectomy : Multicenter Experience. <i>Clinical Neuroradiology</i> , 2019 , 29, 445-457	2.7	10
196	Quantification of recurrence volumes after endovascular treatment of cerebral aneurysm as surrogate endpoint for treatment stability. <i>Neuroradiology</i> , 2011 , 53, 593-8	3.2	10
195	Thrombolysis in Cerebral Infarction 2b Reperfusions: To Treat or to Stop?. <i>Stroke</i> , 2020 , 51, 3461-3471	6.7	10

194	Early clinical surrogates for outcome prediction after stroke thrombectomy in daily clinical practice. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 1055-1059	5.5	10
193	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	7.3	10
192	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
191	. <i>IEEE Access</i> , 2020 , 8, 94871-94879	3.5	9
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