

Jochen B Fiebach

List of Publications by Year in descending order

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197
papers

9,504
citations

53794

45
h-index

43889

91
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206
all docs

206
docs citations

206
times ranked

8839
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. <i>New England Journal of Medicine</i> , 2018, 379, 611-622.	27.0	912
2	Intravenous desmoteplase in patients with acute ischaemic stroke selected by MRI perfusionâ€“diffusion weighted imaging or perfusion CT (DIAS-2): a prospective, randomised, double-blind, placebo-controlled study. <i>Lancet Neurology</i> , The, 2009, 8, 141-150.	10.2	526
3	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</i> , The, 2011, 10, 978-986.	10.2	468
4	Stroke Magnetic Resonance Imaging Is Accurate in Hyperacute Intracerebral Hemorrhage. <i>Stroke</i> , 2004, 35, 502-506.	2.0	409
5	Effect of the Use of Ambulance-Based Thrombolysis on Time to Thrombolysis in Acute Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1622.	7.4	363
6	A Standardized MRI Stroke Protocol. <i>Stroke</i> , 1999, 30, 765-768.	2.0	328
7	Imaging-Based Decision Making in Thrombolytic Therapy for Ischemic Stroke. <i>Stroke</i> , 2003, 34, 575-583.	2.0	287
8	Long-Chain Omega-3 Fatty Acids Improve Brain Function and Structure in Older Adults. <i>Cerebral Cortex</i> , 2014, 24, 3059-3068.	2.9	249
9	MRI versus CT-based thrombolysis treatment within and beyond the 3 h time window after stroke onset: a cohort study. <i>Lancet Neurology</i> , The, 2006, 5, 661-667.	10.2	227
10	Bapineuzumab for mild to moderate Alzheimerâ€™s disease in two global, randomized, phase 3 trials. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 18.	6.2	208
11	Monitoring Intravenous Recombinant Tissue Plasminogen Activator Thrombolysis for Acute Ischemic Stroke With Diffusion and Perfusion MRI. <i>Stroke</i> , 2000, 31, 1318-1328.	2.0	195
12	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013, 44, 2628-2639.	2.0	192
13	Effects of Golden Hour Thrombolysis. <i>JAMA Neurology</i> , 2015, 72, 25.	9.0	158
14	Risk of Symptomatic Intracerebral Hemorrhage After Intravenous Thrombolysis in Patients With Acute Ischemic Stroke and High Cerebral Microbleed Burden. <i>JAMA Neurology</i> , 2016, 73, 675.	9.0	158
15	Prehospital thrombolysis in acute stroke. <i>Neurology</i> , 2013, 80, 163-168.	1.1	140
16	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, 829-836.	5.9	130
17	Granulocyte Colony-Stimulating Factor in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2681-2687.	2.0	125
18	Two Tales: Hemorrhagic Transformation but Not Parenchymal Hemorrhage After Thrombolysis Is Related to Severity and Duration of Ischemia. <i>Stroke</i> , 2007, 38, 313-318.	2.0	118

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19	Functional outcomes of pre-hospital thrombolysis in a mobile stroke treatment unit compared with conventional care: an observational registry study. <i>Lancet Neurology, The</i> , 2016, 15, 1035-1043.	10.2	109
20	Fluid-Attenuated Inversion Recovery Evolution Within 12 Hours From Stroke Onset. <i>Stroke</i> , 2010, 41, 250-255.	2.0	108
21	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.	13.7	107
22	Opening the black box of artificial intelligence for clinical decision support: A study predicting stroke outcome. <i>PLoS ONE</i> , 2020, 15, e0231166.	2.5	96
23	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. <i>Stroke</i> , 2016, 47, 1389-1398.	2.0	88
24	Number of Cerebral Microbleeds and Risk of Intracerebral Hemorrhage After Intravenous Thrombolysis. <i>Stroke</i> , 2014, 45, 2900-2905.	2.0	86
25	Stroke in right dorsal anterior insular cortex is related to myocardial injury. <i>Annals of Neurology</i> , 2017, 81, 502-511.	5.3	86
26	3 Tesla MRI-detected Brain Lesions after Pulmonary Vein Isolation for Atrial Fibrillation: Results of the MACPAF Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 14-21.	1.7	83
27	Prospective study on the mismatch concept in acute stroke patients within the first 24 h after symptom onset - 1000Plus study. <i>BMC Neurology</i> , 2009, 9, 60.	1.8	82
28	DCE-MRI blood-brain barrier assessment in acute ischemic stroke. <i>Neurology</i> , 2017, 88, 433-440.	1.1	76
29	Structural Gray Matter Alterations in Chronic Migraine: Implications for a Progressive Disease?. <i>Headache</i> , 2017, 57, 400-416.	3.9	75
30	Vascular Occlusion Enables Selecting Acute Ischemic Stroke Patients for Treatment With Desmoteplase. <i>Stroke</i> , 2012, 43, 1561-1566.	2.0	72
31	Smoking-Thrombolysis Paradox. <i>Stroke</i> , 2013, 44, 407-413.	2.0	72
32	Dose-Related Effects of Statins on Symptomatic Intracerebral Hemorrhage and Outcome After Thrombolysis for Ischemic Stroke. <i>Stroke</i> , 2014, 45, 509-514.	2.0	70
33	PHANTOM-S: The Prehospital Acute Neurological Therapy and Optimization of Medical Care in Stroke Patients Study. <i>International Journal of Stroke</i> , 2012, 7, 348-353.	5.9	68
34	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. <i>JAMA Neurology</i> , 2019, 76, 641.	9.0	63
35	Reliable Perfusion Maps in Stroke MRI Using Arterial Input Functions Derived From Distal Middle Cerebral Artery Branches. <i>Stroke</i> , 2010, 41, 95-101.	2.0	62
36	Safety and efficacy of sonothrombolysis for acute ischaemic stroke: a multicentre, double-blind, phase 3, randomised controlled trial. <i>Lancet Neurology, The</i> , 2019, 18, 338-347.	10.2	61

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37	Hyperintense Vessels on Acute Stroke Fluid-Attenuated Inversion Recovery Imaging. <i>Stroke</i> , 2012, 43, 2957-2961.	2.0	59
38	Neuropsychological Effects of MRI-Detected Brain Lesions After Left Atrial Catheter Ablation for Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 843-850.	4.8	59
39	Boosted Tree Model Reforms Multimodal Magnetic Resonance Imaging Infarct Prediction in Acute Stroke. <i>Stroke</i> , 2018, 49, 912-918.	2.0	58
40	On the usage of average Hausdorff distance for segmentation performance assessment: hidden error when used for ranking. <i>European Radiology Experimental</i> , 2021, 5, 4.	3.4	58
41	Complete Early Reversal of Diffusion-Weighted Imaging Hyperintensities After Ischemic Stroke Is Mainly Limited to Small Embolic Lesions. <i>Stroke</i> , 2013, 44, 1043-1048.	2.0	56
42	Fluid-Attenuated Inversion Recovery Images and Stroke Outcome After Thrombolysis. <i>Stroke</i> , 2012, 43, 539-542.	2.0	54
43	Stroke With Unknown Time of Symptom Onset. <i>Stroke</i> , 2017, 48, 770-773.	2.0	51
44	Elevated brain oxygen extraction fraction measured by MRI susceptibility relates to perfusion status in acute ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 539-551.	4.3	51
45	Diffusion-Weighted Imaging in Acute Stroke – A Tool of Uncertain Value?. <i>Cerebrovascular Diseases</i> , 2002, 14, 187-196.	1.7	48
46	Desmoteplase 3 to 9 Hours After Major Artery Occlusion Stroke. <i>Stroke</i> , 2016, 47, 2880-2887.	2.0	48
47	Quantitative Measurements of Relative Fluid-Attenuated Inversion Recovery (FLAIR) Signal Intensities in Acute Stroke for the Prediction of Time from Symptom Onset. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 76-84.	4.3	46
48	White Matter Lesion Severity in Mild Acute Ischemic Stroke Patients and Functional Outcome After 1 Year. <i>Stroke</i> , 2012, 43, 3046-3051.	2.0	44
49	No Microstructural White Matter Alterations in Chronic and Episodic Migraineurs: A Case-Control Diffusion Tensor Magnetic Resonance Imaging Study. <i>Headache</i> , 2015, 55, 241-251.	3.9	44
50	Relationship Between Changes in the Temporal Dynamics of the Blood-Oxygen-Level-Dependent Signal and Hypoperfusion in Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 925-931.	2.0	44
51	Glial Fibrillary Acidic Protein for Prehospital Diagnosis of Intracerebral Hemorrhage. <i>Cerebrovascular Diseases</i> , 2017, 43, 76-81.	1.7	41
52	BRAVE-NET: Fully Automated Arterial Brain Vessel Segmentation in Patients With Cerebrovascular Disease. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 552258.	3.4	40
53	IL-6 Plasma Levels Correlate With Cerebral Perfusion Deficits and Infarct Sizes in Stroke Patients Without Associated Infections. <i>Frontiers in Neurology</i> , 2019, 10, 83.	2.4	39
54	The impact of ischemic stroke on connectivity gradients. <i>NeuroImage: Clinical</i> , 2019, 24, 101947.	2.7	37

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55	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, 3583-3588.	2.0	36
56	Vessel Size Imaging Reveals Pathological Changes of Microvessel Density and Size in Acute Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1687-1695.	4.3	35
57	Spot Sign in Acute Intracerebral Hemorrhage in Dynamic T1-Weighted Magnetic Resonance Imaging. <i>Stroke</i> , 2016, 47, 417-423.	2.0	35
58	Silent New DWI Lesions within the First Week after Stroke. <i>Cerebrovascular Diseases</i> , 2012, 33, 248-254.	1.7	34
59	Visual and Region of Interest-Based Inter-Rater Agreement in the Assessment of the Diffusion-Weighted Imaging—Fluid-Attenuated Inversion Recovery Mismatch. <i>Stroke</i> , 2014, 45, 1170-1172.	2.0	33
60	Feasibility and Diagnostic Value of Cardiovascular Magnetic Resonance Imaging After Acute Ischemic Stroke of Undetermined Origin. <i>Stroke</i> , 2017, 48, 1241-1247.	2.0	33
61	Hyperintense Vessels, Collateralization, and Functional Outcome in Patients With Stroke Receiving Endovascular Treatment. <i>Stroke</i> , 2018, 49, 675-681.	2.0	33
62	Imaging Markers of Brain Frailty and Outcome in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 1004-1011.	2.0	33
63	Brain MRI to personalise atrial fibrillation therapy: current evidence and perspectives. <i>Heart</i> , 2014, 100, 1408-1413.	2.9	32
64	Synthesizing anonymized and labeled TOF-MRA patches for brain vessel segmentation using generative adversarial networks. <i>Computers in Biology and Medicine</i> , 2021, 131, 104254.	7.0	32
65	The role of imaging in acute ischemic stroke. <i>Neurosurgical Focus</i> , 2014, 36, E3.	2.3	31
66	Early New Diffusion-Weighted Imaging Lesions Appear More Often in Stroke Patients With a Multiple Territory Lesion Pattern. <i>Stroke</i> , 2013, 44, 2200-2204.	2.0	30
67	Left atrial appendage angiography is associated with the incidence and number of magnetic resonance imaging-detected brain lesions after percutaneous catheter-based left atrial appendage closure. <i>Heart Rhythm</i> , 2018, 15, 3-8.	0.7	29
68	Non-invasive monitoring of longitudinal changes in cerebral hemodynamics in acute ischemic stroke using BOLD signal delay. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 23-34.	4.3	28
69	DWI Intensity Values Predict FLAIR Lesions in Acute Ischemic Stroke. <i>PLoS ONE</i> , 2014, 9, e92295.	2.5	27
70	Hyperintense acute reperfusion marker on FLAIR is not associated with early haemorrhagic transformation in the elderly. <i>European Radiology</i> , 2010, 20, 2990-2996.	4.5	25
71	Fully Automated Atlas-Based Hippocampus Volumetry for Clinical Routine: Validation in Subjects with Mild Cognitive Impairment from the ADNI Cohort. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 199-209.	2.6	25
72	Magnetic Resonance Imaging-Based versus Computed Tomography-Based Thrombolysis in Acute Ischemic Stroke: Comparison of Safety and Efficacy within a Cohort Study. <i>Cerebrovascular Diseases</i> , 2013, 35, 250-256.	1.7	24

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73	Clinical Characteristics and Outcome of Patients With Hemorrhagic Transformation After Intravenous Thrombolysis in the WAKE-UP Trial. <i>Frontiers in Neurology</i> , 2020, 11, 957.	2.4	24
74	Different Mismatch Concepts for Magnetic Resonance Imagingâ€“Guided Thrombolysis in Unknown Onset Stroke. <i>Annals of Neurology</i> , 2020, 87, 931-938.	5.3	24
75	Fully Automated Postprocessing Carries a Risk of Substantial Overestimation of Perfusion Deficits in Acute Stroke Magnetic Resonance Imaging. <i>Cerebrovascular Diseases</i> , 2011, 31, 408-413.	1.7	23
76	Mesh ablator vs. cryoballoon pulmonary vein ablation of symptomatic paroxysmal atrial fibrillation: results of the MACPAF study. <i>Europace</i> , 2012, 14, 1441-1449.	1.7	23
77	Effects of Ultraearly Intravenous Thrombolysis on Outcomes in Ischemic Stroke. <i>Circulation</i> , 2017, 135, 1765-1767.	1.6	22
78	Frequency of exercise-induced ST-T-segment deviations and cardiac arrhythmias in recreational endurance athletes during a marathon race: results of the prospective observational Berlin Beat of Running study. <i>BMJ Open</i> , 2017, 7, e015798.	1.9	22
79	Transcranial direct current stimulation in inflammatory bowel disease patients modifies resting-state functional connectivity: A RCT. <i>Brain Stimulation</i> , 2019, 12, 978-980.	1.6	22
80	Judgment of FLAIR signal change in DWIâ€“FLAIR mismatch determination is a challenge to clinicians. <i>Journal of Neurology</i> , 2012, 259, 971-973.	3.6	21
81	Chronic sensory stroke with and without central pain is associated with bilaterally distributed sensory abnormalities as detected by quantitative sensory testing. <i>Pain</i> , 2016, 157, 194-202.	4.2	21
82	Hypermetabolism in the hippocampal formation of cognitively impaired patients indicates detrimental maladaptation. <i>Neurobiology of Aging</i> , 2018, 65, 41-50.	3.1	21
83	Clinical significance of acute and chronic ischaemic lesions in multiple cerebral vascular territories. <i>European Radiology</i> , 2019, 29, 1338-1347.	4.5	21
84	Brain Imaging in Acute Ischemic Strokeâ€“MRI or CT?. <i>Current Neurology and Neuroscience Reports</i> , 2015, 15, 6.	4.2	20
85	Early Time Course of FLAIR Signal Intensity Differs between Acute Ischemic Stroke Patients with and without Hyperintense Acute Reperfusion Marker. <i>Cerebrovascular Diseases</i> , 2014, 37, 141-146.	1.7	19
86	Performance of Hippocampus Volumetry with FSL-FIRST for Prediction of Alzheimerâ€™s Disease Dementia in at Risk Subjects with Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 867-873.	2.6	19
87	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. <i>Neurology</i> , 2022, 98, .	1.1	19
88	Effects of Prehospital Thrombolysis in Stroke Patients With Prestroke Dependency. <i>Stroke</i> , 2018, 49, 646-651.	2.0	18
89	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
90	Cognition-Related Functional Topographies in Parkinsonâ€™s Disease: Localized Loss of the Ventral Default Mode Network. <i>Cerebral Cortex</i> , 2021, 31, 5139-5150.	2.9	18

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91	Search for a Map and Threshold in Perfusion MRI to Accurately Predict Tissue Fate: A Protocol for Assessing Lesion Growth in Patients with Persistent Vessel Occlusion. <i>Cerebrovascular Diseases</i> , 2011, 32, 186-193.	1.7	17
92	Mobile computed tomography. <i>Current Opinion in Neurology</i> , 2015, 28, 4-9.	3.6	17
93	Effect of informed consent on patient characteristics in a stroke thrombolysis trial. <i>Neurology</i> , 2017, 89, 1400-1407.	1.1	17
94	Comparison of Gadoterate Meglumine and Gadobutrol in the MRI Diagnosis of Primary Brain Tumors: A Double-Blind Randomized Controlled Intraindividual Crossover Study (the REMIND Study). <i>American Journal of Neuroradiology</i> , 2017, 38, 1681-1688.	2.4	17
95	Predictors of new remote cerebral microbleeds after IV thrombolysis for ischemic stroke. <i>Neurology</i> , 2019, 92, e630-e638.	1.1	17
96	Striatal Infarction Elicits Secondary Extrafocal MRI Changes in Ipsilateral Substantia Nigra. <i>PLoS ONE</i> , 2015, 10, e0136483.	2.5	17
97	Clinical and Radiological Courses Do Not Differ Between Fluid-Attenuated Inversion Recovery-Positive and Negative Patients With Stroke After Thrombolysis. <i>Stroke</i> , 2010, 41, 1823-1825.	2.0	16
98	Thyroid-Stimulating Hormone, White Matter Hyperintensities, and Functional Outcome in Acute Ischemic Stroke Patients. <i>Cerebrovascular Diseases Extra</i> , 2014, 4, 61-68.	1.5	16
99	Elevated Levels of Hemoglobin A1c Are Associated With Cerebral White Matter Disease in Patients With Stroke. <i>Stroke</i> , 2014, 45, 1007-1011.	2.0	14
100	HEart and BBrain interfaces in Acute ischemic Stroke (HEBRAS) – rationale and design of a prospective observational cohort study. <i>BMC Neurology</i> , 2015, 15, 213.	1.8	14
101	Sleep-Disordered Breathing in Acute Ischemic Stroke: A Mechanistic Link to Peripheral Endothelial Dysfunction. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	14
102	Prior antiplatelet therapy is not associated with larger hematoma volume or hematoma growth in intracerebral hemorrhage. <i>Neurological Sciences</i> , 2018, 39, 745-748.	1.9	14
103	High-resolution diffusion-weighted imaging identifies ischemic lesions in a majority of transient ischemic attack patients. <i>Annals of Neurology</i> , 2019, 86, 452-457.	5.3	14
104	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
105	Evolution of Blood-Brain Barrier Permeability in Subacute Ischemic Stroke and Associations With Serum Biomarkers and Functional Outcome. <i>Frontiers in Neurology</i> , 2021, 12, 730923.	2.4	14
106	Safety and reliability of the insertable Reveal XT recorder in patients undergoing 3 Tesla brain magnetic resonance imaging. <i>Heart Rhythm</i> , 2011, 8, 373-376.	0.7	13
107	Reliability of Two Diameters Method in Determining Acute Infarct Size. Validation as New Imaging Biomarker. <i>PLoS ONE</i> , 2015, 10, e0140065.	2.5	13
108	Subtracted Dynamic MR Perfusion Source Images (sMRP-SI) provide Collateral Blood Flow Assessment in MCA Occlusions and Predict Tissue Fate. <i>European Radiology</i> , 2016, 26, 1396-1403.	4.5	13

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109	Inverse mismatch and lesion growth in small subcortical ischaemic stroke. <i>European Radiology</i> , 2010, 20, 2983-2989.	4.5	12
110	Sensitivity of Diffusion-Weighted STEAM MRI and EPI-DWI to Infratentorial Ischemic Stroke. <i>PLoS ONE</i> , 2016, 11, e0161416.	2.5	12
111	Right insular infarction and mortality after ischaemic stroke. <i>European Journal of Neurology</i> , 2017, 24, 67-72.	3.3	12
112	The ratio between cerebral blood flow and Tmax predicts the quality of collaterals in acute ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0190811.	2.5	12
113	MRI-Detected Brain Lesions and Cognitive Function in Patients With Atrial Fibrillation Undergoing Left Atrial Catheter Ablation in the Randomized AXAFA-AFNET 5 Trial. <i>Circulation</i> , 2022, 145, 906-915.	1.6	12
114	Generating 3D TOF-MRA volumes and segmentation labels using generative adversarial networks. <i>Medical Image Analysis</i> , 2022, 78, 102396.	11.6	12
115	Incidence of New Diffusion-Weighted Imaging Lesions Outside the Area of Initial Hypoperfusion Within 1 Week After Acute Ischemic Stroke. <i>Stroke</i> , 2012, 43, 2654-2658.	2.0	11
116	Endovascular Procedures versus Intravenous Thrombolysis in Stroke with Tandem Occlusion of the Anterior Circulation. <i>Journal of Vascular and Interventional Radiology</i> , 2014, 25, 1165-1170.	0.5	11
117	Clinical-Radiological Parameters Improve the Prediction of the Thrombolysis Time Window by Both MRI Signal Intensities and DWI-FLAIR Mismatch. <i>Cerebrovascular Diseases</i> , 2016, 42, 57-65.	1.7	11
118	The Potential of Microvessel Density in Prediction of Infarct Growth: A Two-Month Experimental Study in Vessel Size Imaging. <i>Cerebrovascular Diseases</i> , 2012, 33, 303-309.	1.7	10
119	Validity of Negative High-Resolution Diffusion-Weighted Imaging in Transient Acute Cerebrovascular Events. <i>Stroke</i> , 2013, 44, 2598-2600.	2.0	10
120	Safety of Thrombolysis in Patients With Acute Ischemic Stroke and Cerebral Cavernous Malformations. <i>Stroke</i> , 2014, 45, 1846-1848.	2.0	10
121	Cardiac Magnetic Resonance Imaging in Patients with Acute Ischemic Stroke and Elevated Troponin: A Troponin Elevation in Acute Ischemic Stroke (TRELAS) Sub-Study. <i>Cerebrovascular Diseases Extra</i> , 2019, 9, 19-24.	1.5	10
122	Cardiomyocyte Injury Following Acute Ischemic Stroke: Protocol for a Prospective Observational Cohort Study. <i>JMIR Research Protocols</i> , 2021, 10, e24186.	1.0	10
123	Blood pressure excursions in acute ischemic stroke patients treated with intravenous thrombolysis. <i>Journal of Hypertension</i> , 2021, 39, 266-272.	0.5	10
124	Evaluation of an AIF correction algorithm for dynamic susceptibility contrast-enhanced perfusion MRI. <i>Magnetic Resonance in Medicine</i> , 2008, 60, 102-110.	3.0	9
125	Statins and Cerebral Perfusion in Patients with Leukoaraiosis – a Translational Proof-of-Principal MRI Study. <i>International Journal of Stroke</i> , 2012, 7, E5-E5.	5.9	9
126	Biomarkers and perfusion – training-induced changes after stroke (BAPTISe): protocol of an observational study accompanying a randomized controlled trial. <i>BMC Neurology</i> , 2013, 13, 197.	1.8	9

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127	Natural course of total mismatch and predictors for tissue infarction. <i>Neurology</i> , 2015, 85, 770-775.	1.1	9
128	Combination of Structural MRI andÂFDG-PET of the Brain Improves Diagnostic Accuracy in Newly Manifested Cognitive Impairment in Geriatric Inpatients. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1319-1331.	2.6	9
129	Endovascular equipoise shift in a phase III randomized clinical trial of sonothrombolysis for acute ischemic stroke. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641986065.	3.5	9
130	Sonothrombolysis in Patients With Acute Ischemic Stroke With Large Vessel Occlusion: An Individual Patient Data Meta-Analysis. <i>Stroke</i> , 2021, 52, 3786-3795.	2.0	9
131	Stroke risk associated with balloon based catheter ablation for atrial fibrillation: Rationale and design of the MACPAF Study. <i>BMC Neurology</i> , 2010, 10, 63.	1.8	8
132	Rate of cardiac arrhythmias and silent brain lesions in experienced marathon runners: rationale, design and baseline data of the Berlin Beat of Running study. <i>BMC Cardiovascular Disorders</i> , 2012, 12, 69.	1.7	8
133	Long-term follow up of 3 T MRI-detected brain lesions after percutaneous catheter-based left atrial appendage closure. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 327-333.	1.7	8
134	MRI-detected brain lesions in AF patients without further stroke risk factors undergoing ablation - a retrospective analysis of prospective studies. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 58.	1.7	8
135	An evaluation of performance measures for arterial brain vessel segmentation. <i>BMC Medical Imaging</i> , 2021, 21, 113.	2.7	8
136	Reclassifications of ischemic stroke patterns due to variants of the Circle of Willis. <i>International Journal of Stroke</i> , 2022, 17, 770-776.	5.9	8
137	Controversies in Imaging of Patients With Acute Ischemic Stroke: <i>AJR</i> Expert Panel Narrative Review. <i>American Journal of Roentgenology</i> , 2021, 217, 1027-1037.	2.2	8
138	MRI Brain Changes After Marathon Running: Results of the Berlin Beat of Running Study. <i>International Journal of Sports Medicine</i> , 2019, 40, 856-862.	1.7	7
139	Safety and efficacy of intravenous thrombolysis in stroke patients on prior antiplatelet therapy in the WAKE-UP trial. <i>Neurological Research and Practice</i> , 2020, 2, 40.	2.0	7
140	The Effect of Scan Length on the Assessment of BOLD Delay in Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 381.	2.4	7
141	Frequency of silent brain infarction in transient global amnesia. <i>Journal of Neurology</i> , 2022, 269, 1422-1426.	3.6	7
142	Difficulty of MRI Based Identification of Lesion Age by Acute Infra-Tentorial Ischemic Stroke. <i>PLoS ONE</i> , 2014, 9, e92868.	2.5	7
143	National Institutes of Health Stroke Scale for Prediction of Proximal Vessel Occlusion in Anterior Circulation Stroke. <i>International Journal of Stroke</i> , 2015, 10, E60-E60.	5.9	6
144	Identification of imaging selection patterns in acute ischemic stroke patients and the influence on treatment and clinical trial enrollment decision making. <i>International Journal of Stroke</i> , 2016, 11, 180-190.	5.9	6

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145	Mental speed is associated with the shape irregularity of white matter MRI hyperintensity load. <i>Brain Imaging and Behavior</i> , 2017, 11, 1720-1730.	2.1	6
146	Early New Ischemic Lesions Located Outside the Initially Affected Vascular Territory Appear More Often in Stroke Patients with Elevated Glycated Hemoglobin (HbA1c). <i>Frontiers in Neurology</i> , 2017, 8, 606.	2.4	6
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