

Charles B Majoie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6032811/publications.pdf>

Version: 2024-02-01

239
papers

17,127
citations

31976

53
h-index

17105

122
g-index

241
all docs

241
docs citations

241
times ranked

12797
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrombus imaging characteristics within acute ischemic stroke: similarities and interdependence. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, e60-e68.	3.3	1
2	Prediction of Stroke Infarct Growth Rates by Baseline Perfusion Imaging. <i>Stroke</i> , 2022, 53, 569-577.	2.0	15
3	Occult blood flow patterns distal to an occluded artery in acute ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 292-302.	4.3	5
4	Added Value of a Blinded Outcome Adjudication Committee in an Open-Label Randomized Stroke Trial. <i>Stroke</i> , 2022, 53, 61-69.	2.0	4
5	Aspiration Versus Stent Retriever Thrombectomy for Posterior Circulation Stroke. <i>Stroke</i> , 2022, 53, 749-757.	2.0	20
6	Economic Evaluation of Endovascular Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 968-975.	2.0	16
7	Brain atrophy and endovascular treatment effect in acute ischemic stroke: a secondary analysis of the MR CLEAN trial. <i>International Journal of Stroke</i> , 2022, 17, 881-888.	5.9	6
8	Outcome Prediction Models for Endovascular Treatment of Ischemic Stroke: Systematic Review and External Validation. <i>Stroke</i> , 2022, 53, 825-836.	2.0	18
9	Worldwide anaesthesia use during endovascular treatment for medium vessel occlusion stroke. <i>Interventional Neuroradiology</i> , 2022, 28, 469-475.	1.1	2
10	Thrombectomy With and Without Computed Tomography Perfusion Imaging in the Early Time Window: A Pooled Analysis of Patient-Level Data. <i>Stroke</i> , 2022, 53, 1348-1353.	2.0	10
11	Effect of Occlusion Site on the Safety and Efficacy of Intravenous Alteplase Before Endovascular Thrombectomy: A Prespecified Subgroup Analysis of DIRECT-MT. <i>Stroke</i> , 2022, 53, 7-16.	2.0	18
12	Clinical Outcome After Endovascular Treatment in Patients With Active Cancer and Ischemic Stroke. <i>Neurology</i> , 2022, 98, .	1.1	24
13	Endovascular Thrombectomy in Young Patients With Stroke: A MR CLEAN Registry Study. <i>Stroke</i> , 2022, 53, 34-42.	2.0	17
14	Hospital Variation in Time to Endovascular Treatment for Ischemic Stroke: What Is the Optimal Target for Improvement?. <i>Journal of the American Heart Association</i> , 2022, 11, e022192.	3.7	2
15	Between-Center Variation in Outcome After Endovascular Treatment of Acute Stroke: Analysis of Two Nationwide Registries. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2022, 15, CIRCOUTCOMES121008180.	2.2	3
16	The prognostic value of extracranial vascular characteristics on procedural duration and revascularization success in endovascularly treated acute ischemic stroke patients. <i>European Stroke Journal</i> , 2022, 7, 48-56.	5.5	4
17	Improvements in Endovascular Treatment for Acute Ischemic Stroke: A Longitudinal Study in the MR CLEAN Registry. <i>Stroke</i> , 2022, 53, 1863-1872.	2.0	16
18	Fully Automated Thrombus Segmentation on CT Images of Patients with Acute Ischemic Stroke. <i>Diagnostics</i> , 2022, 12, 698.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Thrombus Imaging Characteristics and Outcomes in Posterior Circulation Stroke Patients Treated With EVT. , 2022, 2, .		1
20	Cost-effectiveness of CT perfusion for patients with acute ischemic stroke (CLEOPATRA)-Study protocol for a healthcare evaluation study. European Stroke Journal, 2022, 7, 188-197.	5.5	7
21	Estimation of treatment effects in observational stroke care data: comparison of statistical approaches. BMC Medical Research Methodology, 2022, 22, 103.	3.1	0
22	Correlation Between Computed Tomography-Based Tissue Net Water Uptake and Volumetric Measures of Cerebral Edema After Reperfusion Therapy. Stroke, 2022, 53, 2628-2636.	2.0	10
23	Quantitative thrombus characteristics on thin-slice computed tomography improve prediction of thrombus histopathology: results of the MR CLEAN Registry. European Radiology, 2022, 32, 7811-7823.	4.5	6
24	Endovascular Treatment May Benefit Patients With Low Baseline Alberta Stroke Program Early CT Score: Results From the MR CLEAN Registry. , 2022, 2, .		2
25	Inter-rater reliability for assessing intracranial collaterals in patients with acute ischemic stroke: comparing 29 raters and an artificial intelligence-based software. Neuroradiology, 2022, 64, 2277-2284.	2.2	8
26	Functional Outcomes of Patients ≥85 Years With Acute Ischemic Stroke Following EVT: A HERMES Substudy. Stroke, 2022, 53, 2220-2226.	2.0	19
27	Determinants of Symptomatic Intracranial Hemorrhage After Endovascular Stroke Treatment: A Retrospective Cohort Study. Stroke, 2022, 53, 2818-2827.	2.0	13
28	The association between computed tomography angiography timing and workflow times in patients with acute ischemic stroke. International Journal of Stroke, 2021, 16, 534-541.	5.9	2
29	Blood Pressure During Endovascular Treatment Under Conscious Sedation or Local Anesthesia. Neurology, 2021, 96, e171-e181.	1.1	9
30	qTICI: Quantitative assessment of brain tissue reperfusion on digital subtraction angiograms of acute ischemic stroke patients. International Journal of Stroke, 2021, 16, 207-216.	5.9	9
31	Prior antiplatelet therapy in patients undergoing endovascular treatment for acute ischemic stroke: Results from the MR CLEAN Registry. International Journal of Stroke, 2021, 16, 476-485.	5.9	12
32	Cerebral Blood Flow in Patients with Severe Aortic Valve Stenosis Undergoing Transcatheter Aortic Valve Implantation. Journal of the American Geriatrics Society, 2021, 69, 494-499.	2.6	13
33	Thrombectomy for acute ischemic stroke patients with isolated distal internal carotid artery occlusion: a retrospective observational study. Neuroradiology, 2021, 63, 777-786.	2.2	10
34	Association of White Matter Lesions and Outcome After Endovascular Stroke Treatment. Neurology, 2021, 96, e333-e342.	1.1	14
35	Computed Tomography Perfusion-Based Machine Learning Model Better Predicts Follow-Up Infarction in Patients With Acute Ischemic Stroke. Stroke, 2021, 52, 223-231.	2.0	25
36	Applicability assessment of a stent-retriever thrombectomy finite-element model. Interface Focus, 2021, 11, 20190123.	3.0	39

#	ARTICLE	IF	CITATIONS
37	Ultra-early tranexamic acid after subarachnoid haemorrhage (ULTRA): a randomised controlled trial. <i>Lancet, The</i> , 2021, 397, 112-118.	13.7	95
38	A DELPHI consensus statement on antiplatelet management for intracranial stenting due to underlying atherosclerosis in the setting of mechanical thrombectomy. <i>Neuroradiology</i> , 2021, 63, 627-632.	2.2	11
39	Validation of automated Alberta Stroke Program Early CT Score (ASPECTS) software for detection of early ischemic changes on non-contrast brain CT scans. <i>Neuroradiology</i> , 2021, 63, 491-498.	2.2	11
40	MR CLEAN-NO IV: intravenous treatment followed by endovascular treatment versus direct endovascular treatment for acute ischemic stroke caused by a proximal intracranial occlusion study protocol for a randomized clinical trial. <i>Trials</i> , 2021, 22, 141.	1.6	43
41	Effect of Firstâ€™Pass Reperfusion on Outcome After Endovascular Treatment for Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2021, 10, e019988.	3.7	26
42	Endovascular Treatment for Acute Ischemic Stroke in Children. <i>Stroke</i> , 2021, 52, 781-788.	2.0	14
43	Normal structural brain development in adolescents treated for perinatally acquired HIV: a longitudinal imaging study. <i>Aids</i> , 2021, 35, 1221-1228.	2.2	8
44	Modelling the leptomeningeal collateral circulation during acute ischaemic stroke. <i>Medical Engineering and Physics</i> , 2021, 91, 1-11.	1.7	10
45	Endovascular Therapy for Stroke Due to Basilar-Artery Occlusion. <i>New England Journal of Medicine</i> , 2021, 384, 1910-1920.	27.0	309
46	Evolutionary algorithms and decision trees for predicting poor outcome after endovascular treatment for acute ischemic stroke. <i>Computers in Biology and Medicine</i> , 2021, 133, 104414.	7.0	9
47	Detection of Large Vessel Occlusion Stroke in the Prehospital Setting. <i>Stroke</i> , 2021, 52, e347-e355.	2.0	13
48	The Role of Edema in Subacute Lesion Progression After Treatment of Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 705221.	2.4	12
49	Assessment of Recurrent Stroke Risk in Patients With a Carotid Web. <i>JAMA Neurology</i> , 2021, 78, 826.	9.0	34
50	Posttreatment Ischemic Lesion Evolution Is Associated With Reduced Favorable Functional Outcome in Patients With Stroke. <i>Stroke</i> , 2021, 52, 3523-3531.	2.0	6
51	Endovascular Treatment Effect Diminishes With Increasing Thrombus Perviousness: Pooled Data From 7 Trials on Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 3633-3641.	2.0	14
52	Non-nucleoside reverse transcriptase inhibitor-based combination antiretroviral therapy is associated with lower cell-associated HIV RNA and DNA levels compared to protease inhibitor-based therapy. <i>ELife</i> , 2021, 10, .	6.0	10
53	Cerebral Edema in Patients With Large Hemispheric Infarct Undergoing Reperfusion Treatment: A HERMES Meta-Analysis. <i>Stroke</i> , 2021, 52, 3450-3458.	2.0	32
54	The first virtual patient-specific thrombectomy procedure. <i>Journal of Biomechanics</i> , 2021, 126, 110622.	2.1	25

#	ARTICLE	IF	CITATIONS
55	Blood Pressure in the First 6 Hours Following Endovascular Treatment for Ischemic Stroke Is Associated With Outcome. <i>Stroke</i> , 2021, 52, 3514-3522.	2.0	13
56	Prediction of Outcome and Endovascular Treatment Benefit: Validation and Update of the MR PREDICTS Decision Tool. <i>Stroke</i> , 2021, 52, 2764-2772.	2.0	24
57	Automated Final Lesion Segmentation in Posterior Circulation Acute Ischemic Stroke Using Deep Learning. <i>Diagnostics</i> , 2021, 11, 1621.	2.6	4
58	White Matter Lesions and Outcomes After Endovascular Treatment for Acute Ischemic Stroke: MR CLEAN Registry Results. <i>Stroke</i> , 2021, 52, 2849-2857.	2.0	15
59	Evaluation of Cerebral Thromboembolism After Transcatheter Aortic Valve Replacement (EARTH TAVR): A Serial Magnetic Resonance Imaging Evaluation as Substudy of the GALILEO Trial. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e011074.	3.9	1
60	A clinical perspective on endovascular stroke treatment biomechanics. <i>Journal of Biomechanics</i> , 2021, 127, 110694.	2.1	4
61	Associations of thrombus perviousness derived from entire thrombus segmentation with functional outcome in patients with acute ischemic stroke. <i>Journal of Biomechanics</i> , 2021, 128, 110700.	2.1	12
62	Intracranial carotid artery calcification subtype and collaterals in patients undergoing endovascular thrombectomy. <i>Atherosclerosis</i> , 2021, 337, 1-6.	0.8	9
63	Influence of recent direct-to-EVT trials on practical decision-making for the treatment of acute ischemic stroke patients. <i>Interventional Neuroradiology</i> , 2021, , 159101992110579.	1.1	0
64	A Randomized Trial of Intravenous Alteplase before Endovascular Treatment for Stroke. <i>New England Journal of Medicine</i> , 2021, 385, 1833-1844.	27.0	249
65	Prediction of final infarct volume from native CT perfusion and treatment parameters using deep learning. <i>Medical Image Analysis</i> , 2020, 59, 101589.	11.6	58
66	TRIAGE-STROKE: Treatment strategy In Acute larGE vessel occlusion: Prioritize IV or endovascular treatmentâ€”A randomized trial. <i>International Journal of Stroke</i> , 2020, 15, 103-108.	5.9	16
67	Direct Intra-arterial thrombectomy in order to Revascularize AIS patients with large vessel occlusion Efficiently in Chinese Tertiary hospitals: A Multicenter randomized clinical Trial (DIRECT-MT)â€”Protocol. <i>International Journal of Stroke</i> , 2020, 15, 689-698.	5.9	33
68	Anesthetic management during endovascular treatment of acute ischemic stroke in the MR CLEAN Registry. <i>Neurology</i> , 2020, 94, e97-e106.	1.1	40
69	National Institutes of Health Stroke Scale. <i>Stroke</i> , 2020, 51, 282-290.	2.0	95
70	Aortic dissection masquerading as a code stroke: A single-centre cohort study. <i>European Stroke Journal</i> , 2020, 5, 56-62.	5.5	8
71	From perviousness to permeability, modelling and measuring intra-thrombus flow in acute ischemic stroke. <i>Journal of Biomechanics</i> , 2020, 111, 110001.	2.1	12
72	Combined Effect of Age and Baseline Alberta Stroke Program Early Computed Tomography Score on Post-Thrombectomy Clinical Outcomes in the MR CLEAN Registry. <i>Stroke</i> , 2020, 51, 3742-3745.	2.0	14

#	ARTICLE	IF	CITATIONS
73	High Admission Glucose Is Associated With Poor Outcome After Endovascular Treatment for Ischemic Stroke. <i>Stroke</i> , 2020, 51, 3215-3223.	2.0	43
74	Multicenter randomized clinical trial of endovascular treatment for acute ischemic stroke. The effect of periprocedural medication: acetylsalicylic acid, unfractionated heparin, both, or neither (MR) Tj ETQq0 0 0rgBT /Overzib 10 Tf	1.1	21
75	Considerations for Antiplatelet Management of Carotid Stenting in the Setting of Mechanical Thrombectomy: A Delphi Consensus Statement. <i>American Journal of Neuroradiology</i> , 2020, 41, 2274-2279.	2.4	14
76	7T versus 3T MR Angiography to Assess Unruptured Intracranial Aneurysms. <i>Journal of Neuroimaging</i> , 2020, 30, 779-785.	2.0	0
77	Public health and cost consequences of time delays to thrombectomy for acute ischemic stroke. <i>Neurology</i> , 2020, 95, e2465-e2475.	1.1	38
78	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.	2.4	37
79	Mind the Heart: Electrocardiography-gated cardiac computed tomography-angiography in acute ischaemic stroke—rationale and study design. <i>European Stroke Journal</i> , 2020, 5, 441-448.	5.5	4
80	Early detection of small volume stroke and thromboembolic sources with computed tomography: Rationale and design of the ENCLOSE study. <i>European Stroke Journal</i> , 2020, 5, 432-440.	5.5	3
81	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
82	Effect of Endovascular Treatment With Medical Management vs Standard Care on Severe Cerebral Venous Thrombosis. <i>JAMA Neurology</i> , 2020, 77, 966.	9.0	122
83	Endovascular Thrombectomy with or without Intravenous Alteplase in Acute Stroke. <i>New England Journal of Medicine</i> , 2020, 382, 1981-1993.	27.0	547
84	2B, 2C, or 3. <i>Stroke</i> , 2020, 51, 1790-1796.	2.0	47
85	Stroke Etiology and Thrombus Computed Tomography Characteristics in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2020, 51, 1727-1735.	2.0	52
86	Prediction of Outcome Using Quantified Blood Volume in Aneurysmal SAH. <i>American Journal of Neuroradiology</i> , 2020, 41, 1015-1021.	2.4	10
87	Endovascular treatment in older adults with acute ischemic stroke in the MR CLEAN Registry. <i>Neurology</i> , 2020, 95, e131-e139.	1.1	45
88	Path From Clinical Research to Implementation. <i>Stroke</i> , 2020, 51, 1941-1950.	2.0	3
89	Automated segmentation of subarachnoid hemorrhages with convolutional neural networks. <i>Informatics in Medicine Unlocked</i> , 2020, 19, 100321.	3.4	16
90	Effect of CAD on performance in ASPECTS reading. <i>Informatics in Medicine Unlocked</i> , 2020, 18, 100295.	3.4	1

#	ARTICLE	IF	CITATIONS
91	Public Health and Cost Benefits of Successful Reperfusion After Thrombectomy for Stroke. <i>Stroke</i> , 2020, 51, 899-907.	2.0	39
92	Automatic Collateral Scoring From 3D CTA Images. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2190-2200.	8.9	26
93	PATCH trial: explanatory analyses. <i>Blood</i> , 2020, 135, 1406-1409.	1.4	16
94	Clinical and Imaging Determinants of Collateral Status in Patients With Acute Ischemic Stroke in MR CLEAN Trial and Registry. <i>Stroke</i> , 2020, 51, 1493-1502.	2.0	42
95	Arterial Steal to the Penumbra Area in Patients with Acute MCA Occlusion: A Quantitative Angiographic Analysis. <i>Neurointervention</i> , 2020, 15, 126-132.	0.8	0
96	Workflow Intervals of Endovascular Acute Stroke Therapy During On- Versus Off-Hours. <i>Stroke</i> , 2019, 50, 2842-2850.	2.0	20
97	Predicting Delayed Cerebral Ischemia with Quantified Aneurysmal Subarachnoid Blood Volume. <i>World Neurosurgery</i> , 2019, 130, e613-e619.	1.3	11
98	Clinical and Imaging Markers Associated With Hemorrhagic Transformation in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 2037-2043.	2.0	28
99	Thrombus Migration Paradox in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3156-3163.	2.0	69
100	Data-efficient deep learning of radiological image data for outcome prediction after endovascular treatment of patients with acute ischemic stroke. <i>Computers in Biology and Medicine</i> , 2019, 115, 103516.	7.0	63
101	Collateral Circulation and Outcome in Atherosclerotic Versus Cardioembolic Cerebral Large Vessel Occlusion. <i>Stroke</i> , 2019, 50, 3360-3368.	2.0	86
102	Confirmatory Study of Time-Dependent Computed Tomographic Perfusion Thresholds for Use in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3269-3273.	2.0	28
103	Balloon Guide Catheter in Endovascular Treatment for Acute Ischemic Stroke: Results from the MR CLEAN Registry. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1759-1764.e6.	0.5	12
104	Endovascular Treatment. <i>Stroke</i> , 2019, 50, 419-427.	2.0	23
105	Association of Time From Stroke Onset to Groin Puncture With Quality of Reperfusion After Mechanical Thrombectomy. <i>JAMA Neurology</i> , 2019, 76, 405.	9.0	133
106	Thrombus Imaging Characteristics and Outcomes in Acute Ischemic Stroke Patients Undergoing Endovascular Treatment. <i>Stroke</i> , 2019, 50, 2057-2064.	2.0	85
107	Impact of Intracranial Aneurysm Morphology and Rupture Status on the Particle Residence Time. <i>Journal of Neuroimaging</i> , 2019, 29, 487-492.	2.0	4
108	Effect of Interhospital Transfer on Endovascular Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 923-930.	2.0	87

#	ARTICLE	IF	CITATIONS
109	Flow Patterns in Carotid Webs: A Patient-Based Computational Fluid Dynamics Study. American Journal of Neuroradiology, 2019, 40, 703-708.	2.4	31
110	Endovascular treatment of dural arteriovenous fistulas with sinus drainage: Do we really need to protect the sinus?. Interventional Neuroradiology, 2019, 25, 315-321.	1.1	2
111	Rapid Alteplase Administration Improves Functional Outcomes in Patients With Stroke due to Large Vessel Occlusions. Stroke, 2019, 50, 645-651.	2.0	62
112	Impact of single phase CT angiography collateral status on functional outcome over time: results from the MR CLEAN Registry. Journal of NeuroInterventional Surgery, 2019, 11, 866-873.	3.3	39
113	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. Stroke, 2019, 50, 690-696.	2.0	52
114	eTICI reperfusion: defining success in endovascular stroke therapy. Journal of NeuroInterventional Surgery, 2019, 11, 433-438.	3.3	251
115	Safety and Outcome of Endovascular Treatment for Minor Ischemic Stroke: Results From the Multicenter Clinical Registry of Endovascular Treatment of Acute Ischemic Stroke in the Netherlands. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 542-549.	1.6	12
116	Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. Lancet Neurology, The, 2019, 18, 46-55.	10.2	276
117	Accuracy of "At Risk" Tissue Predictions Using CT Perfusion in Acute Large Vessel Occlusions. Journal of Neuroimaging, 2019, 29, 371-375.	2.0	7
118	Hemodynamic provocation with acetazolamide shows impaired cerebrovascular reserve in adults with sickle cell disease. Haematologica, 2019, 104, 690-699.	3.5	40
119	Comparing Morphology and Hemodynamics of Stable-versus-Growing and Grown Intracranial Aneurysms. American Journal of Neuroradiology, 2019, 40, 2102-2110.	2.4	11
120	External Validation of the ELAPSS Score for Prediction of Unruptured Intracranial Aneurysm Growth Risk. Journal of Stroke, 2019, 21, 340-346.	3.2	12
121	Abstract TP85: Accuracy of "At Risk" Tissue Predictions Using CT Perfusion in Acute Large Vessel Occlusions. Stroke, 2019, 50, .	2.0	0
122	Value of Quantitative Collateral Scoring on CT Angiography in Patients with Acute Ischemic Stroke. American Journal of Neuroradiology, 2018, 39, 1074-1082.	2.4	44
123	Accuracy of CT Angiography for Differentiating Pseudo-Occlusion from True Occlusion or High-Grade Stenosis of the Extracranial ICA in Acute Ischemic Stroke: A Retrospective MR CLEAN Substudy. American Journal of Neuroradiology, 2018, 39, 892-898.	2.4	25
124	Association of Quantified Location-Specific Blood Volumes with Delayed Cerebral Ischemia after Aneurysmal Subarachnoid Hemorrhage. American Journal of Neuroradiology, 2018, 39, 1059-1064.	2.4	15
125	Intracranial 4D flow magnetic resonance imaging reveals altered haemodynamics in sickle cell disease. British Journal of Haematology, 2018, 180, 432-442.	2.5	14
126	Associations Between Collateral Status and Thrombus Characteristics and Their Impact in Anterior Circulation Stroke. Stroke, 2018, 49, 391-396.	2.0	41

#	ARTICLE	IF	CITATIONS
127	Aneurysmal Parent Artery—Specific Inflow Conditions for Complete and Incomplete Circle of Willis Configurations. <i>American Journal of Neuroradiology</i> , 2018, 39, 910-915.	2.4	16
128	Utility-Weighted Modified Rankin Scale as Primary Outcome in Stroke Trials. <i>Stroke</i> , 2018, 49, 965-971.	2.0	43
129	Time to Endovascular Treatment and Outcome in Acute Ischemic Stroke. <i>Circulation</i> , 2018, 138, 232-240.	1.6	136
130	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. <i>Lancet Neurology</i> , The, 2018, 17, 47-53.	10.2	205
131	Intracranial Carotid Artery Calcification and Effect of Endovascular Stroke Treatment. <i>Stroke</i> , 2018, 49, 2961-2968.	2.0	33
132	Reader response: Comparative safety and efficacy of combined IVT and MT with direct MT in large vessel occlusion. <i>Neurology</i> , 2018, 91, 1115-1115.	1.1	2
133	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.	2.4	28
134	Safety and Outcome of Endovascular Treatment in Prestroke-Dependent Patients. <i>Stroke</i> , 2018, 49, 2406-2414.	2.0	45
135	Operator Versus Core Lab Adjudication of Reperfusion After Endovascular Treatment of Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 2376-2382.	2.0	40
136	Volumetric and Spatial Accuracy of Computed Tomography Perfusion Estimated Ischemic Core Volume in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 2368-2375.	2.0	69
137	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2018, 17, 895-904.	10.2	281
138	Unfavorable Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage WFNS Grade I. <i>World Neurosurgery</i> , 2018, 118, e217-e222.	1.3	10
139	Combined Evaluation of Noncontrast CT ASPECTS and CT Angiography Collaterals Improves Detection of Large Infarcts in Proximal Artery Occlusive Stroke. <i>Journal of Neuroimaging</i> , 2018, 28, 524-529.	2.0	4
140	Thrombolysis in Cerebral Infarction Scoring at the Core Lab. <i>Journal of Neurosonology and Neuroimaging</i> , 2018, 10, 95-99.	0.1	1
141	Proposed methodology and classification of Infarct in New Territory (INT) after endovascular stroke treatment. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 449-450.	3.3	22
142	Increased brain-predicted aging in treated HIV disease. <i>Neurology</i> , 2017, 88, 1349-1357.	1.1	200
143	Baseline Blood Pressure Effect on the Benefit and Safety of Intra-Arterial Treatment in MR CLEAN (Multicenter Randomized Clinical Trial of Endovascular Treatment of Acute Ischemic Stroke in the) Tj ETQq1 1 0.784314 rgBTj/Overlook	4.3	14
144	Quality of life after intra-arterial treatment for acute ischemic stroke in the MR CLEAN trial—Update. <i>International Journal of Stroke</i> , 2017, 12, 708-712.	5.9	10

#	ARTICLE	IF	CITATIONS
145	Extracranial Carotid Disease and Effect of Intra-arterial Treatment in Patients With Proximal Anterior Circulation Stroke in MR CLEAN. <i>Annals of Internal Medicine</i> , 2017, 166, 867.	3.9	28
146	Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. <i>International Journal of Stroke</i> , 2017, 12, 606-614.	5.9	128
147	Effect of Long-Term Vascular Care on Progression of Cerebrovascular Lesions. <i>Stroke</i> , 2017, 48, 1842-1848.	2.0	32
148	Two-Year Outcome after Endovascular Treatment for Acute Ischemic Stroke. <i>New England Journal of Medicine</i> , 2017, 376, 1341-1349.	27.0	104
149	The relationship between interventionists' experience and clinical and radiological outcome in intra-arterial treatment for acute ischemic stroke. A MR CLEAN pretrial survey. <i>Journal of the Neurological Sciences</i> , 2017, 377, 97-101.	0.6	7
150	Gray and White Matter Abnormalities in Treated Human Immunodeficiency Virus Disease and Their Relationship to Cognitive Function. <i>Clinical Infectious Diseases</i> , 2017, 65, 422-432.	5.8	65
151	Associations of Ischemic Lesion Volume With Functional Outcome in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 1233-1240.	2.0	49
152	WEB Treatment of Ruptured Intracranial Aneurysms: A Single-Center Cohort of 100 Patients. <i>American Journal of Neuroradiology</i> , 2017, 38, 2282-2287.	2.4	66
153	Value of Thrombus CT Characteristics in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2017, 38, 1758-1764.	2.4	31
154	Association of Computed Tomography Ischemic Lesion Location With Functional Outcome in Acute Large Vessel Occlusion Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2426-2433.	2.0	39
155	Higher subcortical and white matter cerebral blood flow in perinatally HIV-infected children. <i>Medicine (United States)</i> , 2017, 96, e5891.	1.0	26
156	Cerebral blood flow and cognitive function in HIV-infected men with sustained suppressed viremia on combination antiretroviral therapy. <i>Aids</i> , 2017, 31, 847-856.	2.2	24
157	Variants in <i>KAT6A</i> and pituitary anomalies. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 2562-2565.	1.2	12
158	Collateral status and tissue outcome after intra-arterial therapy for patients with acute ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3589-3598.	4.3	46
159	Does prior antiplatelet treatment improve functional outcome after intra-arterial treatment for acute ischemic stroke?. <i>International Journal of Stroke</i> , 2017, 12, 368-376.	5.9	24
160	Image Based Automated ASPECT Score for Acute Ischemic Stroke Patients. , 2017, , .		1
161	Automated Ventricular System Segmentation in CT Images of Deformed Brains Due to Ischemic and Subarachnoid Hemorrhagic Stroke. <i>Lecture Notes in Computer Science</i> , 2017, , 149-157.	1.3	3
162	Quantitative Collateral Grading on CT Angiography in Patients with Acute Ischemic Stroke. <i>Lecture Notes in Computer Science</i> , 2017, , 176-184.	1.3	8

#	ARTICLE	IF	CITATIONS
163	Endovascular thrombectomy in patients with acute ischaemic stroke and atrial fibrillation: a MR CLEAN subgroup analysis. <i>EuroIntervention</i> , 2017, 13, 996-1002.	3.2	27
164	Automated Entire Thrombus Density Measurements for Robust and Comprehensive Thrombus Characterization in Patients with Acute Ischemic Stroke. <i>PLoS ONE</i> , 2016, 11, e0145641.	2.5	18
165	White matter structure alterations in HIV-1-infected men with sustained suppression of viraemia on treatment. <i>Aids</i> , 2016, 30, 311-322.	2.2	52
166	Determinants of reduced cognitive performance in HIV-1-infected middle-aged men on combination antiretroviral therapy. <i>Aids</i> , 2016, 30, 1027-1038.	2.2	58
167	White matter hyperintensities in relation to cognition in HIV-infected men with sustained suppressed viral load on combination antiretroviral therapy. <i>Aids</i> , 2016, 30, 2329-2339.	2.2	67
168	Neurometabolite Alterations Associated With Cognitive Performance in Perinatally HIV-Infected Children. <i>Medicine (United States)</i> , 2016, 95, e3093.	1.0	22
169	Quantitative agreement between [¹⁵ O]H ₂ O PET and model free QUASAR MRI-derived cerebral blood flow and arterial blood volume. <i>NMR in Biomedicine</i> , 2016, 29, 519-526.	2.8	10
170	Is Intra-Arterial Treatment for Acute Ischemic Stroke Less Effective in Women than in Men. <i>Interventional Neurology</i> , 2016, 5, 174-178.	1.8	48
171	Treatment in patients who are not eligible for intravenous alteplase: MR CLEAN subgroup analysis. <i>International Journal of Stroke</i> , 2016, 11, 637-645.	5.9	25
172	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
173	Association of Automatically Quantified Total Blood Volume after Aneurysmal Subarachnoid Hemorrhage with Delayed Cerebral Ischemia. <i>American Journal of Neuroradiology</i> , 2016, 37, 1588-1593.	2.4	19
174	Platelet transfusion versus standard care after acute stroke due to spontaneous cerebral haemorrhage associated with antiplatelet therapy (PATCH): a randomised, open-label, phase 3 trial. <i>Lancet, The</i> , 2016, 387, 2605-2613.	13.7	587
175	Influence of Device Choice on the Effect of Intra-Arterial Treatment for Acute Ischemic Stroke in MR CLEAN (Multicenter Randomized Clinical Trial of Endovascular Treatment for Acute Ischemic Stroke in) Tj ETQq1 1 0.784314 25BT /Ov	2.0	47
176	Visual aid tool to improve decision making in acute stroke care. <i>International Journal of Stroke</i> , 2016, 11, 868-873.	5.9	8
177	The effect of anesthetic management during intra-arterial therapy for acute stroke in MR CLEAN. <i>Neurology</i> , 2016, 87, 656-664.	1.1	130
178	Comparison of CTA- and DSA-Based Collateral Flow Assessment in Patients with Anterior Circulation Stroke. <i>American Journal of Neuroradiology</i> , 2016, 37, 2037-2042.	2.4	27
179	Clot Burden Score on Baseline Computerized Tomographic Angiography and Intra-Arterial Treatment Effect in Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 2972-2978.	2.0	47
180	Observer variability of absolute and relative thrombus density measurements in patients with acute ischemic stroke. <i>Neuroradiology</i> , 2016, 58, 133-139.	2.2	31

#	ARTICLE	IF	CITATIONS
181	Permeable Thrombi Are Associated With Higher Intravenous Recombinant Tissue-Type Plasminogen Activator Treatment Success in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 2058-2065.	2.0	61
182	In Vivo T1 of Blood Measurements in Children with Sickle Cell Disease Improve Cerebral Blood Flow Quantification from Arterial Spin-Labeling MRI. <i>American Journal of Neuroradiology</i> , 2016, 37, 1727-1732.	2.4	37
183	Thromboembolic events after transcatheter aortic valve implantation. <i>International Journal of Stroke</i> , 2016, 11, NP13-NP15.	5.9	2
184	White Matter Hyperintensity Volume and Cerebral Perfusion in Older Individuals with Hypertension Using Arterial Spin-Labeling. <i>American Journal of Neuroradiology</i> , 2016, 37, 1824-1830.	2.4	45
185	Cortical Venous Filling on Dynamic Computed Tomographic Angiography. <i>Stroke</i> , 2016, 47, 762-767.	2.0	30
186	Cerebral injury in perinatally HIV-infected children compared to matched healthy controls. <i>Neurology</i> , 2016, 86, 19-27.	1.1	68
187	Thrombus Permeability Is Associated With Improved Functional Outcome and Recanalization in Patients With Ischemic Stroke. <i>Stroke</i> , 2016, 47, 732-741.	2.0	103
188	Collateral Status on Baseline Computed Tomographic Angiography and Intra-Arterial Treatment Effect in Patients With Proximal Anterior Circulation Stroke. <i>Stroke</i> , 2016, 47, 768-776.	2.0	230
189	Added value of fetal MRI in fetuses with suspected brain abnormalities on neurosonography: a systematic review and meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 2949-2961.	1.5	42
190	Stent-Assisted Coil Embolization of Intracranial Aneurysms: Complications in Acutely Ruptured versus Unruptured Aneurysms. <i>American Journal of Neuroradiology</i> , 2016, 37, 502-507.	2.4	106
191	Therapeutic Internal Carotid Artery Occlusion for Large and Giant Aneurysms: A Single Center Cohort of 146 Patients. <i>American Journal of Neuroradiology</i> , 2016, 37, 125-129.	2.4	25
192	Coiling and clipping of middle cerebral artery aneurysms: a systematic review on clinical and imaging outcome. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 24-29.	3.3	35
193	Thrombolysis in Stroke within 30 Minutes: Results of the Acute Brain Care Intervention Study. <i>PLoS ONE</i> , 2016, 11, e0166668.	2.5	32
194	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><u>h</u><u>R</u><u>omb</u><u>E</u><u>ctomy</u> <u>A</u><u>nd</u> <u>t</u><u>PA</u> (TREAT) analysis: statistical analysis plan for a sequential meta-analysis performed within the VISTA-Endovascular collaboration. <i>International Journal of Stroke</i> , 2015, 10, 136-144.	5.9	13
195	Intellectual disability, muscle weakness and characteristic face in three siblings: A newly described recessive syndrome mapping to 3p24.3â€“p25.3. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 2508-2515.	1.2	9
196	State of Acute Endovascular Therapy. <i>Stroke</i> , 2015, 46, 1727-1734.	2.0	29
197	The Prognostic Value of CT Angiography and CT Perfusion in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2015, 40, 258-269.	1.7	60
198	Endovascular treatment in patients with acute ischemic stroke and apparent occlusion of the extracranial internal carotid artery on CTA. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 709-714.	3.3	20

#	ARTICLE	IF	CITATIONS
199	Additional Value of Intra-Aneurysmal Hemodynamics in Discriminating Ruptured versus Unruptured Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2015, 36, 1920-1926.	2.4	26
200	Automated brain computed tomographic densitometry of early ischemic changes in acute stroke. <i>Journal of Medical Imaging</i> , 2015, 2, 014004.	1.5	21
201	Cerebral Lesions on 7 Tesla MRI in Patients with Sickle Cell Anemia. <i>Cerebrovascular Diseases</i> , 2015, 39, 181-189.	1.7	20
202	Multivariate normative comparison, a novel method for more reliably detecting cognitive impairment in HIV infection. <i>Aids</i> , 2015, 29, 547-557.	2.2	70
203	Type of Anesthesia and Differences in Clinical Outcome After Intra-Arterial Treatment for Ischemic Stroke. <i>Stroke</i> , 2015, 46, 1257-1262.	2.0	148
204	Diagnostic Accuracy of 4 Commercially Available Semiautomatic Packages for Carotid Artery Stenosis Measurement on CTA. <i>American Journal of Neuroradiology</i> , 2015, 36, 1978-1987.	2.4	9
205	The Heidelberg Bleeding Classification. <i>Stroke</i> , 2015, 46, 2981-2986.	2.0	755
206	Value of Computed Tomographic Perfusionâ€‘Based Patient Selection for Intra-Arterial Acute Ischemic Stroke Treatment. <i>Stroke</i> , 2015, 46, 3375-3382.	2.0	101
207	A Randomized Trial of Intraarterial Treatment for Acute Ischemic Stroke. <i>New England Journal of Medicine</i> , 2015, 372, 11-20.	27.0	5,468
208	Responsiveness of Magnetic Resonance Imaging and Neuropsychological Assessment in Memory Clinic Patients. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 409-418.	2.6	16
209	Automatic Detection of CT Perfusion Datasets Unsuited for Analysis due to Head Movement of Acute Ischemic Stroke Patients. <i>Journal of Healthcare Engineering</i> , 2014, 5, 67-78.	1.9	15
210	MR CLEAN, a multicenter randomized clinical trial of endovascular treatment for acute ischemic stroke in the Netherlands: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 343.	1.6	277
211	Mechanical Thrombectomy versus Intravenous Thrombolysis for Cerebral Venous Sinus Thrombosis: A Non-Randomized Comparison. <i>Interventional Neuroradiology</i> , 2014, 20, 336-344.	1.1	57
212	Angiogenesis in Steno-Occlusive Vasculopathies as a Common Pathway for Intracranial Haemorrhage. <i>Interventional Neuroradiology</i> , 2014, 20, 116-125.	1.1	0
213	Prefrontal involvement related to cognitive impairment in progressive muscular atrophy. <i>Neurology</i> , 2014, 83, 818-825.	1.1	22
214	Correlation Between Clinical and Histologic Findings in the Human Neonatal Hippocampus After Perinatal Asphyxia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 324-334.	1.7	33
215	Accuracy and precision of pseudo-continuous arterial spin labeling perfusion during baseline and hypercapnia: A head-to-head comparison with 15O H2O positron emission tomography. <i>NeuroImage</i> , 2014, 92, 182-192.	4.2	133
216	Ectopic peripontine arcuate fibres, a novel finding in pontine tegmental cap dysplasia. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 434-438.	1.6	22

#	ARTICLE	IF	CITATIONS
217	Gray matter contamination in arterial spin labeling white matter perfusion measurements in patients with dementia. <i>NeuroImage: Clinical</i> , 2014, 4, 139-144.	2.7	32
218	Infantile hypophosphatasia without bone deformities presenting with severe pyridoxine-resistant seizures. <i>Molecular Genetics and Metabolism</i> , 2014, 111, 404-407.	1.1	26
219	P4-170: NEUROPSYCHOLOGICAL ASSESSMENT IS MORE RESPONSIVE THAN MRI FOR DETECTION OF DISEASE PROGRESSION IN MEMORY CLINIC PATIENTS: CONSEQUENCES FOR TRIAL DESIGN. , 2014, 10, P851-P851.		0
220	Volume of White Matter Hyperintensities Predicts Neurocognitive Functioning in Children with Sickle Cell Disease. <i>Blood</i> , 2014, 124, 2720-2720.	1.4	2
221	Development and Validation of Intracranial Thrombus Segmentation on CT Angiography in Patients with Acute Ischemic Stroke. <i>PLoS ONE</i> , 2014, 9, e101985.	2.5	19
222	Thrombolysis or Anticoagulation for Cerebral Venous Thrombosis: Rationale and Design of the TO-ACT Trial. <i>International Journal of Stroke</i> , 2013, 8, 135-140.	5.9	123
223	Wall shear stress estimated with phase contrast MRI in an in vitro and in vivo intracranial aneurysm. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 876-884.	3.4	65
224	Cerebral imaging with 7-Tesla MRI in patients with sickle cell disease: a pilot study. <i>Tijdschrift Voor Kindergeneeskunde</i> , 2013, 81, 76-76.	0.0	0
225	Carotid pseudo-occlusion on CTA in patients with acute ischemic stroke: A concerning observation. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1591-1594.	1.4	46
226	Cerebral Small Vessel Disease In Patients With Sickle Cell Disease: Initial Findings With Ultra-High Field 7T MRI. <i>Blood</i> , 2013, 122, 1011-1011.	1.4	2
227	Arterial spin labeling measurement of cerebral perfusion in children with sickle cell disease. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 35, 779-787.	3.4	58
228	Late Reopening of Adequately Coiled Intracranial Aneurysms. <i>Stroke</i> , 2011, 42, 1331-1337.	2.0	77
229	De Novo Aneurysm Formation and Growth of Untreated Aneurysms. <i>Stroke</i> , 2011, 42, 313-318.	2.0	67
230	Decompressive Hemicraniectomy in Cerebral Sinus Thrombosis. <i>Stroke</i> , 2009, 40, 2233-2235.	2.0	98
231	Long-Term Recurrent Subarachnoid Hemorrhage After Adequate Coiling Versus Clipping of Ruptured Intracranial Aneurysms. <i>Stroke</i> , 2009, 40, 1758-1763.	2.0	67
232	Coiling of Intracranial Aneurysms. <i>Stroke</i> , 2009, 40, e523-9.	2.0	370
233	Endovascular Thrombectomy and Thrombolysis for Severe Cerebral Sinus Thrombosis. <i>Stroke</i> , 2008, 39, 1487-1490.	2.0	172
234	Cerebral Blood Flow Measurement in Children with Sickle Cell Disease Using CASL at 3.0 Tesla MRI. <i>Blood</i> , 2008, 112, 711-711.	1.4	2

#	ARTICLE	IF	CITATIONS
235	LINEAR AND KERNEL FISHER DISCRIMINANT ANALYSIS FOR STUDYING DIFFUSION TENSOR IMAGES IN SCHIZOPHRENIA. , 2007, , .		2
236	Response to Letter by Bendok et al. Stroke, 2006, 37, 1651-1651.	2.0	0
237	Magnetic resonance imaging of the brainstem and cranial nerves III-VII. Movement Disorders, 2002, 17, S17-S19.	3.9	3
238	Mitochondrial encephalomyopathy: comparison of conventional MR imaging with diffusion-weighted and diffusion tensor imaging: case report. American Journal of Neuroradiology, 2002, 23, 813-6.	2.4	31
239	RABENOSYN separation-of-function mutations uncouple endosomal recycling from lysosomal degradation, causing a distinct Mendelian Disorder. Human Molecular Genetics, 0, , .	2.9	0