Maarten G Lansberg

List of Publications by Year in Descending Order

212 papers	**13,114** citations	**50** h-index	**112** g-index
242 ext. papers	**16,179** ext. citations	**7.3** avg, IF	**6.03** L-index

#	Paper	IF	Citations
212	Venous outflow profiles are associated with early edema progression in ischemic stroke.. *International Journal of Stroke*, **2022**, 17474930211065635	6.3	3
211	Magnetic Resonance Imaging of Cerebrovascular Diseases **2022**, 676-698.e10		
210	Prognostication of ICU Patients by Providers with and without Neurocritical Care Training.. *Neurocritical Care*, **2022**, 1	3.3	0
209	A Phase III, Prospective, Double-Blind, Randomized, Placebo-Controlled Trial of Thrombolysis in Imaging-Eligible, Late-Window Patients to Assess the Efficacy and Safety of Tenecteplase (TIMELESS): Rationale and Design.. *International Journal of Stroke*, **2022**, 17474930221088400	6.3	1
208	Design of a wearable vibrotactile stimulation device for individuals with upper-limb hemiparesis and spasticity.. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2022**, PP,	4.8	1
207	Perfusion Imaging Collateral Scores Predict Infarct Growth in Non-Reperfused DEFUSE 3 Patients. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 31, 106208	2.8	1
206	Thrombectomy for anterior circulation stroke beyond 6 h from time last known well (AURORA): a systematic review and individual patient data meta-analysis. *Lancet, The*, **2021**,	40	15
205	Ordinal Prediction Model of 90-Day Modified Rankin Scale in Ischemic Stroke. *Frontiers in Neurology*, **2021**, 12, 727171	4.1	0
204	Circle of Willis variants are not associated with thrombectomy outcomes. *Stroke and Vascular Neurology*, **2021**, 6, 310-313	9.1	3
203	Hypoperfusion Intensity Ratio Predicts Malignant Edema and Functional Outcome in Large-Vessel Occlusive Stroke with Poor Revascularization. *Neurocritical Care*, **2021**, 35, 79-86	3.3	5
202	Endovascular thrombectomy in patients with large core ischemic stroke: a cost-effectiveness analysis from the SELECT study. *Journal of NeuroInterventional Surgery*, **2021**, 13, 875-882	7.8	4
201	Tissue at Risk and Ischemic Core Estimation Using Deep Learning in Acute Stroke. *American Journal of Neuroradiology*, **2021**, 42, 1030-1037	4.4	5
200	Clinical Outcomes and Identification of Patients With Persistent Penumbral Profiles Beyond 24 Hours From Last Known Well: Analysis From DEFUSE 3. *Stroke*, **2021**, 52, 838-849	6.7	3
199	The Utility of Domain-Specific End Points in Acute Stroke Trials. *Stroke*, **2021**, 52, 1154-1161	6.7	1
198	High-Performance Automated Anterior Circulation CT Angiographic Clot Detection in Acute Stroke: A Multireader Comparison. *Radiology*, **2021**, 298, 665-670	20.5	7
197	Clinical effectiveness of endovascular stroke treatment in the early and extended time windows. *International Journal of Stroke*, **2021**, 17474930211005740	6.3	1
196	Clinical and Neuroimaging Outcomes of Direct Thrombectomy vs Bridging Therapy in Large Vessel Occlusion: Analysis of the SELECT Cohort Study. *Neurology*, **2021**, 96, e2839-e2853	6.5	5

195	Quality of Life in Physical, Social, and Cognitive Domains Improves With Endovascular Therapy in the DEFUSE 3 Trial. *Stroke*, **2021**, 52, 1185-1191	6.7	0
194	SELECTion criteria for large core trials: dogma or data?. *Journal of NeuroInterventional Surgery*, **2021**, 13, 500-504	7.8	2
193	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. *Stroke*, **2021**, 52, 1761-1767	6.7	8
192	Optimizing Deep Learning Algorithms for Segmentation of Acute Infarcts on Non-Contrast Material-enhanced CT Scans of the Brain Using Simulated Lesions. *Radiology: Artificial Intelligence*, **2021**, 3, e200127	8.7	1
191	Association of Venous Outflow Profiles and Successful Vessel Reperfusion After Thrombectomy. *Neurology*, **2021**,	6.5	6
190	A dynamic simulation framework for CT perfusion in stroke assessment built from first principles. *Medical Physics*, **2021**, 48, 3500-3510	4.4	
189	MR perfusion imaging: Half-dose gadolinium is half the quality. *Journal of Neuroimaging*, **2021**, 31, 1014-1019	1.8	3
188	Cerebral CT Perfusion in Acute Stroke: The Effect of Lowering the Tube Load and Sampling Rate on the Reproducibility of Parametric Maps. *Diagnostics*, **2021**, 11,	3.8	1
187	Venous Outflow Profiles Are Linked to Cerebral Edema Formation at Noncontrast Head CT after Treatment in Acute Ischemic Stroke Regardless of Collateral Vessel Status at CT Angiography. *Radiology*, **2021**, 299, 682-690	20.5	11
186	Evaluation of Systolic Blood Pressure, Use of Aspirin and Clopidogrel, and Stroke Recurrence in the Platelet-Oriented Inhibition in New TIA and Minor Ischemic Stroke Trial. *JAMA Network Open*, **2021**, 4, e2112551	10.4	1
185	EXPRESS: A Randomized Controlled Trial to Optimize Patients Selection for Endovascular Treatment in Acute Ischemic Stroke (SELECT2): Study Protocol. *International Journal of Stroke*, **2021**, 17474930211035032	6.3	4
184	Assistance from Automated ASPECTS Software Improves Reader Performance. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 30, 105829	2.8	1
183	Mapping causal circuit dynamics in stroke using simultaneous electroencephalography and transcranial magnetic stimulation. *BMC Neurology*, **2021**, 21, 280	3.1	1
182	Comparison of Tmax values between full- and half-dose gadolinium perfusion studies. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 336-341	7.3	1
181	CT perfusion core and ASPECT score prediction of outcomes in DEFUSE 3. *International Journal of Stroke*, **2021**, 16, 288-294	6.3	4
180	What predicts poor outcome after successful thrombectomy in late time windows?. *Journal of NeuroInterventional Surgery*, **2021**, 13, 421-425	7.8	12
179	The Effect of Hyperglycemia on Infarct Growth after Reperfusion: An Analysis of the DEFUSE 3 trial. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 30, 105380	2.8	4
178	Renal Safety of Multimodal Brain Imaging Followed by Endovascular Therapy. *Stroke*, **2021**, 52, 313-316	6.7	1

177	Early Infarct Growth Rate Correlation With Endovascular Thrombectomy Clinical Outcomes: Analysis From the SELECT Study. *Stroke*, **2021**, 52, 57-69	6.7	10
176	Effect of Sex on Clinical Outcome and Imaging after Endovascular Treatment of Large-Vessel Ischemic Stroke. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 30, 105468	2.8	1
175	Factors Associated with Hospital-Acquired Delirium in Patients 18-65 Years Old. *Journal of General Internal Medicine*, **2021**, 36, 1147-1149	4	1
174	Perfusion imaging-based tissue-level collaterals predict ischemic lesion net water uptake in patients with acute ischemic stroke and large vessel occlusion. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 41, 2067-2075	7.3	7
173	Impact of Clot Shape on Successful M1 Endovascular Reperfusion. *Frontiers in Neurology*, **2021**, 12, 642877	4.1	2
172	Predictors of Early and Late Infarct Growth in DEFUSE 3. *Frontiers in Neurology*, **2021**, 12, 699153	4.1	0
171	Predicting Infarct Core From Computed Tomography Perfusion in Acute Ischemia With Machine Learning: Lessons From the ISLES Challenge. *Stroke*, **2021**, 52, 2328-2337	6.7	7
170	Acute Stroke Imaging Research Roadmap IV: Imaging Selection and Outcomes in Acute Stroke Clinical Trials and Practice. *Stroke*, **2021**, 52, 2723-2733	6.7	4
169	Penumbra Consumption Rates Based on Time-to-Maximum Delay and Reperfusion Status: A Post Hoc Analysis of the DEFUSE 3 Trial. *Stroke*, **2021**, 52, 2690-2693	6.7	0
168	Distinct intra-arterial clot localization affects tissue-level collaterals and venous outflow profiles. *European Journal of Neurology*, **2021**, 28, 4109-4116	6	4
167	Assessment of Optimal Patient Selection for Endovascular Thrombectomy Beyond 6 Hours After Symptom Onset: A Pooled Analysis of the AURORA Database. *JAMA Neurology*, **2021**, 78, 1064-1071	17.2	8
166	Prediction of Stroke Infarct Growth Rates by Baseline Perfusion Imaging. *Stroke*, **2021**, STROKEAHA121034444	6.7	4
165	Top Priorities for Cerebroprotective Studies-A Paradigm Shift: Report From STAIR XI. *Stroke*, **2021**, 52, 3063-3071	6.7	18
164	Standardized Nomenclature for Modified Rankin Scale Global Disability Outcomes: Consensus Recommendations From Stroke Therapy Academic Industry Roundtable XI. *Stroke*, **2021**, 52, 3054-3062	6.7	11
163	Cilostazol for Secondary Stroke Prevention: History, Evidence, Limitations, and Possibilities. *Stroke*, **2021**, 52, e635-e645	6.7	2
162	How to Establish the Outer Limits of Reperfusion Therapy. *Stroke*, **2021**, 52, 3399-3403	6.7	1
161	Characteristics of Younger and Older Adults with Hospital-Acquired Delirium: a Claims Data Study Spanning 14 years. *Journal of General Internal Medicine*, **2021**, 36, 1150-1152	4	
160	Improved Segmentation and Detection Sensitivity of Diffusion-weighted Stroke Lesions with Synthetically Enhanced Deep Learning. *Radiology: Artificial Intelligence*, **2020**, 2, e190217	8.7	10

159	Collateral status contributes to differences between observed and predicted 24-h infarct volumes in DEFUSE 3. *Journal of Cerebral Blood Flow and Metabolism*, **2020**, 40, 1966-1974	7.3	18
158	Sex Differences in Oral Anticoagulation and Outcomes of Stroke and Intracranial Bleeding in Newly Diagnosed Atrial Fibrillation. *Journal of the American Heart Association*, **2020**, 9, e015689	6	15
157	Natalizumab in acute ischemic stroke (ACTION II): A randomized, placebo-controlled trial. *Neurology*, **2020**, 95, e1091-e1104	6.5	27
156	Hypoperfusion intensity ratio correlates with angiographic collaterals in acute ischaemic stroke with M1 occlusion. *European Journal of Neurology*, **2020**, 27, 864-870	6	23
155	Upper Extremity Exomuscle for Shoulder Abduction Support. *IEEE Transactions on Medical Robotics and Bionics*, **2020**, 2, 474-484	3.1	12
154	Review of Perfusion Imaging in Acute Ischemic Stroke: From Time to Tissue. *Stroke*, **2020**, 51, 1017-1024	6.7	50
153	Decision-Making Visual Aids for Late, Imaging-Guided Endovascular Thrombectomy for Acute Ischemic Stroke. *Journal of Stroke*, **2020**, 22, 377-386	5.6	2
152	Optimizing Patient Selection for Endovascular Treatment in Acute Ischemic Stroke (SELECT): A Prospective, Multicenter Cohort Study of Imaging Selection. *Annals of Neurology*, **2020**, 87, 419-433	9.4	26
151	Tilt-Corrected Region Boundaries May Enhance the Alberta Stroke Program Early Computed Tomography Score for Less Experienced Raters. *Journal of Stroke and Cerebrovascular Diseases*, **2020**, 29, 104820	2.8	0
150	Perioperative Stroke Risk Reduction in Patients With Patent Foramen Ovale. *JAMA Neurology*, **2020**, 77, 1479-1480	17.2	1
149	National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. *Stroke*, **2020**, 51, 2580-2586	6.7	7
148	A longitudinal study of the post-stroke immune response and cognitive functioning: the StrokeCog study protocol. *BMC Neurology*, **2020**, 20, 313	3.1	0
147	Stroke epidemiology and stroke policies in China from 1980 to 2017: A systematic review and meta-analysis. *International Journal of Stroke*, **2020**, 15, 18-28	6.3	10
146	Thrombectomy for acute ischemic stroke in nonagenarians compared with octogenarians. *Journal of NeuroInterventional Surgery*, **2020**, 12, 266-270	7.8	21
145	Endovascular versus medical therapy for large-vessel anterior occlusive stroke presenting with mild symptoms. *International Journal of Stroke*, **2020**, 15, 324-331	6.3	17
144	Use of Deep Learning to Predict Final Ischemic Stroke Lesions From Initial Magnetic Resonance Imaging. *JAMA Network Open*, **2020**, 3, e200772	10.4	39
143	Effect of Oxygen Extraction (Brush-Sign) on Baseline Core Infarct Depends on Collaterals (HIR). *Frontiers in Neurology*, **2020**, 11, 618765	4.1	3
142	Association of Thrombectomy With Stroke Outcomes Among Patient Subgroups: Secondary Analyses of the DEFUSE 3 Randomized Clinical Trial. *JAMA Neurology*, **2019**, 76, 447-453	17.2	12

141	A Relative Noncontrast CT Map to Detect Early Ischemic Changes in Acute Stroke. *Journal of Neuroimaging*, **2019**, 29, 182-186	2.8	9
140	Thrombectomy with Conscious Sedation Compared with General Anesthesia: A DEFUSE 3 Analysis. *American Journal of Neuroradiology*, **2019**, 40, 1001-1005	4.4	25
139	Artificial Neural Network Computer Tomography Perfusion Prediction of Ischemic Core. *Stroke*, **2019**, 50, 1578-1581	6.7	16
138	STAIR X: Trial Design Considerations and Additional Populations to Expand Indications for Endovascular Treatment. *Stroke*, **2019**, STROKEAHA119024337	6.7	4
137	Collateral blood flow measurement with intravoxel incoherent motion perfusion imaging in hyperacute brain stroke. *Neurology*, **2019**, 92, e2462-e2471	6.5	17
136	Hypoperfusion Intensity Ratio Is Correlated With Patient Eligibility for Thrombectomy. *Stroke*, **2019**, 50, 917-922	6.7	27
135	A year-long immune profile of the systemic response in acute stroke survivors. *Brain*, **2019**, 142, 978-991	11.2	30
134	Rapid Neurologic Improvement Predicts Favorable Outcome 90 Days After Thrombectomy in the DEFUSE 3 Study. *Stroke*, **2019**, 50, 1172-1177	6.7	17
133	Results From DEFUSE 3: Good Collaterals Are Associated With Reduced Ischemic Core Growth but Not Neurologic Outcome. *Stroke*, **2019**, 50, 632-638	6.7	44
132	Outcomes of Thrombectomy in Transferred Patients With Ischemic Stroke in the Late Window: A Subanalysis From the DEFUSE 3 Trial. *JAMA Neurology*, **2019**, 76, 682-689	17.2	12
131	Ischemic Core and Hypoperfusion Volumes Correlate With Infarct Size 24 Hours After Randomization in DEFUSE 3. *Stroke*, **2019**, 50, 626-631	6.7	21
130	DEFUSE 3 Non-DAWN Patients. *Stroke*, **2019**, 50, 618-625	6.7	30
129	Persistent Target Mismatch Profile >24 Hours After Stroke Onset in DEFUSE 3. *Stroke*, **2019**, 50, 754-757	6.7	33
128	Prognostic Value of BEFAST vs. FAST to Identify Stroke in a Prehospital Setting. *Prehospital Emergency Care*, **2019**, 23, 195-200	2.8	12
127	Thrombectomy Results in Reduced Hospital Stay, More Home-Time, and More Favorable Living Situations in DEFUSE 3. *Stroke*, **2019**, 50, 2578-2581	6.7	11
126	Outcomes of Endovascular Thrombectomy vs Medical Management Alone in Patients With Large Ischemic Cores: A Secondary Analysis of the Optimizing Patient's Selection for Endovascular Treatment in Acute Ischemic Stroke (SELECT) Study. *JAMA Neurology*, **2019**, 76, 1147-1156	17.2	64
125	Initiative for Prevention and Early Identification of Delirium in Medical-Surgical Units: Lessons Learned in the Past Five Years. *American Journal of Medicine*, **2019**, 132, 1421-1430.e8	2.4	16
124	Contralateral Hemispheric Cerebral Blood Flow Measured With Arterial Spin Labeling Can Predict Outcome in Acute Stroke. *Stroke*, **2019**, 50, 3408-3415	6.7	17

123	Abstract TP66: Optimizing CT Perfusion Thresholds for Identification of Ischemic Core in Hyperacute Stroke. *Stroke*, **2019**, 50,	6.7	1
122	Reduced Intravoxel Incoherent Motion Microvascular Perfusion Predicts Delayed Cerebral Ischemia and Vasospasm After Aneurysm Rupture. *Stroke*, **2018**, 49, 741-745	6.7	14
121	Thrombectomy for Stroke at 6 to 16 Hours with Selection by Perfusion Imaging. *New England Journal of Medicine*, **2018**, 378, 708-718	59.2	2185
120	Can diffusion- and perfusion-weighted imaging alone accurately triage anterior circulation acute ischemic stroke patients to endovascular therapy?. *Journal of NeuroInterventional Surgery*, **2018**, 10, 1132-1136	7.8	8
119	Time From Imaging to Endovascular Reperfusion Predicts Outcome in Acute Stroke. *Stroke*, **2018**, 49, 952-957	6.7	16
118	Endovascular Treatment in the DEFUSE 3 Study. *Stroke*, **2018**, 49, 2000-2003	6.7	16
117	Early Cerebral Vein After Endovascular Ischemic Stroke Treatment Predicts Symptomatic Reperfusion Hemorrhage. *Stroke*, **2018**, 49, 1741-1746	6.7	14
116	Thrombectomy for Stroke with Selection by Perfusion Imaging. *New England Journal of Medicine*, **2018**, 378, 1849-1850	59.2	27
115	Effects of alteplase for acute stroke according to criteria defining the European Union and United States marketing authorizations: Individual-patient-data meta-analysis of randomized trials. *International Journal of Stroke*, **2018**, 13, 175-189	6.3	26
114	Response by Demeestere et al to Letter Regarding Article, "Alberta Stroke Program Early CT Score Versus Computed Tomographic Perfusion to Predict Functional Outcome After Successful Reperfusion in Acute Ischemic Stroke". *Stroke*, **2018**, STROKEAHA118023955	6.7	
113	Visual Aids for Patient, Family, and Physician Decision Making About Endovascular Thrombectomy for Acute Ischemic Stroke. *Stroke*, **2018**, 49, 90-97	6.7	11
112	STAIR X: Emerging Considerations in Developing and Evaluating New Stroke Therapies. *Stroke*, **2018**, 49, 2241-2247	6.7	14
111	Alberta Stroke Program Early CT Score Versus Computed Tomographic Perfusion to Predict Functional Outcome After Successful Reperfusion in Acute Ischemic Stroke. *Stroke*, **2018**, 49, 2361-2367	6.7	32
110	Hypoperfusion ratio predicts infarct growth during transfer for thrombectomy. *Annals of Neurology*, **2018**, 84, 616-620	9.4	63
109	Multimodal magnetic resonance imaging to identify stroke onset within 6 h in patients with large vessel occlusions. *European Stroke Journal*, **2018**, 3, 185-192	5.6	2
108	Prediction of final infarct volume on subacute MRI by quantifying cerebral edema in ischemic stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2017**, 37, 3077-3084	7.3	14
107	Stroke Recovery and Rehabilitation Research: Issues, Opportunities, and the National Institutes of Health StrokeNet. *Stroke*, **2017**, 48, 813-819	6.7	71
106	Safety and efficacy of natalizumab in patients with acute ischaemic stroke (ACTION): a randomised, placebo-controlled, double-blind phase 2 trial. *Lancet Neurology, The*, **2017**, 16, 217-226	24.1	120

105	Computed tomographic perfusion to Predict Response to Recanalization in ischemic stroke. *Annals of Neurology*, **2017**, 81, 849-856	9.4	79
104	A multicenter randomized controlled trial of endovascular therapy following imaging evaluation for ischemic stroke (DEFUSE 3). *International Journal of Stroke*, **2017**, 12, 896-905	6.3	165
103	Comparison of stroke volume evolution on diffusion-weighted imaging and fluid-attenuated inversion recovery following endovascular thrombectomy. *International Journal of Stroke*, **2017**, 12, 510-518	6.3	9
102	A Comparison of Relative Time to Peak and Tmax for Mismatch-Based Patient Selection. *Frontiers in Neurology*, **2017**, 8, 539	4.1	28
101	Effects of Alteplase for Acute Stroke on the Distribution of Functional Outcomes: A Pooled Analysis of 9 Trials. *Stroke*, **2016**, 47, 2373-9	6.7	132
100	Optimal Computed Tomographic Perfusion Scan Duration for Assessment of Acute Stroke Lesion Volumes. *Stroke*, **2016**, 47, 2966-2971	6.7	12
99	Pretreatment blood-brain barrier disruption and post-endovascular intracranial hemorrhage. *Neurology*, **2016**, 87, 263-9	6.5	41
98	Risk of intracerebral haemorrhage with alteplase after acute ischaemic stroke: a secondary analysis of an individual patient data meta-analysis. *Lancet Neurology, The*, **2016**, 15, 925-933	24.1	118
97	A benchmarking tool to evaluate computer tomography perfusion infarct core predictions against a DWI standard. *Journal of Cerebral Blood Flow and Metabolism*, **2016**, 36, 1780-1789	7.3	81
96	Identification of imaging selection patterns in acute ischemic stroke patients and the influence on treatment and clinical trial enrollment decision making. *International Journal of Stroke*, **2016**, 11, 180-90	6.3	4
95	Effect of endovascular reperfusion in relation to site of arterial occlusion. *Neurology*, **2016**, 86, 762-70	6.5	28
94	Inter-rater agreement analysis of the Precise Diagnostic Score for suspected transient ischemic attack. *International Journal of Stroke*, **2016**, 11, 85-92	6.3	8
93	Magnetic resonance imaging-based endovascular versus medical stroke treatment for symptom onset up to 12 h. *International Journal of Stroke*, **2016**, 11, 127-33	6.3	14
92	Evolution of Volume and Signal Intensity on Fluid-attenuated Inversion Recovery MR Images after Endovascular Stroke Therapy. *Radiology*, **2016**, 280, 184-92	20.5	25
91	Magnetic Resonance Imaging of Cerebrovascular Diseases **2016**, 768-789.e9		
90	Blood Pressure Management in Acute Stroke. *Current Hypertension Reviews*, **2016**, 12, 121-6	2.3	2
89	Abstract 57: Main Results of the CTP to Predict Response to Recanalization in Ischemic Stroke Project (CRISP). *Stroke*, **2016**, 47,	6.7	1
88	Analysis of perfusion MRI in stroke: To deconvolve, or not to deconvolve. *Magnetic Resonance in Medicine*, **2016**, 76, 1282-90	4.4	21

87	Power of an Adaptive Trial Design for Endovascular Stroke Studies: Simulations Using IMS (Interventional Management of Stroke) III Data. *Stroke*, **2016**, 47, 2931-2937	6.7	7
86	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials: Consensus Recommendations and Further Research Priorities. *Stroke*, **2016**, 47, 1389-98	6.7	77
85	Development of a Mobile Tool That Semiautomatically Screens Patients for Stroke Clinical Trials. *Stroke*, **2016**, 47, 2652-5	6.7	1
84	Detection of Atrial Fibrillation Among Patients With Stroke Due to Large or Small Vessel Disease: A Meta-Analysis. *Journal of the American Heart Association*, **2016**, 5,	6	15
83	A score based on age and DWI volume predicts poor outcome following endovascular treatment for acute ischemic stroke. *International Journal of Stroke*, **2015**, 10, 705-9	6.3	23
82	Worse stroke outcome in atrial fibrillation is explained by more severe hypoperfusion, infarct growth, and hemorrhagic transformation. *International Journal of Stroke*, **2015**, 10, 534-40	6.3	73
81	Reperfusion of very low cerebral blood volume lesion predicts parenchymal hematoma after endovascular therapy. *Stroke*, **2015**, 46, 1245-9	6.7	34
80	Interhospital variation in reperfusion rates following endovascular treatment for acute ischemic stroke. *Journal of NeuroInterventional Surgery*, **2015**, 7, 231-3	7.8	8
79	Apparent diffusion coefficient threshold for delineation of ischemic core. *International Journal of Stroke*, **2015**, 10, 348-53	6.3	112
78	Response to endovascular reperfusion is not time-dependent in patients with salvageable tissue. *Neurology*, **2015**, 85, 708-14	6.5	75
77	Ultra-acute CT perfusion imaging: A stroke in the scanner. *Neurology*, **2015**, 85, 1725-6	6.5	1
76	Imaging selection in ischemic stroke: feasibility of automated CT-perfusion analysis. *International Journal of Stroke*, **2015**, 10, 51-4	6.3	82
75	The growth rate of early DWI lesions is highly variable and associated with penumbral salvage and clinical outcomes following endovascular reperfusion. *International Journal of Stroke*, **2015**, 10, 723-9	6.3	100
74	Yield of CT perfusion for the evaluation of transient ischaemic attack. *International Journal of Stroke*, **2015**, 10 Suppl A100, 25-9	6.3	6
73	Alberta stroke program early computed tomographic scoring performance in a series of patients undergoing computed tomography and MRI: reader agreement, modality agreement, and outcome prediction. *Stroke*, **2015**, 46, 407-12	6.7	88
72	Effect of treatment delay, age, and stroke severity on the effects of intravenous thrombolysis with alteplase for acute ischaemic stroke: a meta-analysis of individual patient data from randomised trials. *Lancet, The*, **2014**, 384, 1929-35	40	1415
71	Angiographic outcome of endovascular stroke therapy correlated with MR findings, infarct growth, and clinical outcome in the DEFUSE 2 trial. *International Journal of Stroke*, **2014**, 9, 860-5	6.3	18
70	Bilateral internal carotid artery occlusion associated with the antiphospholipid antibody syndrome. *Case Reports in Neurology*, **2014**, 6, 50-4	1	5

69	Diagnostic Yield of Extended Cardiac Patch Monitoring in Patients with Stroke or TIA. *Frontiers in Neurology*, **2014**, 5, 266	4.1	39
68	Hypoperfusion intensity ratio predicts infarct progression and functional outcome in the DEFUSE 2 Cohort. *Stroke*, **2014**, 45, 1018-23	6.7	104
67	Pittsburgh outcomes after stroke thrombectomy score predicts outcomes after endovascular therapy for anterior circulation large vessel occlusions. *Stroke*, **2014**, 45, 2298-304	6.7	28
66	Patients with single distal MCA perfusion lesions have a high rate of good outcome with or without reperfusion. *International Journal of Stroke*, **2014**, 9, 156-9	6.3	12
65	Effect of collateral blood flow on patients undergoing endovascular therapy for acute ischemic stroke. *Stroke*, **2014**, 45, 1035-9	6.7	110
64	Comparison of magnetic resonance imaging mismatch criteria to select patients for endovascular stroke therapy. *Stroke*, **2014**, 45, 1369-74	6.7	20
63	Early diffusion-weighted imaging reversal after endovascular reperfusion is typically transient in patients imaged 3 to 6 hours after onset. *Stroke*, **2014**, 45, 1024-8	6.7	69
62	Correlation of AOL recanalization, TIMI reperfusion and TICI reperfusion with infarct growth and clinical outcome. *Journal of NeuroInterventional Surgery*, **2014**, 6, 724-8	7.8	48
61	Advanced imaging improves prediction of hemorrhage after stroke thrombolysis. *Annals of Neurology*, **2013**, 73, 510-9	9.4	57
60	Ferumoxytol enhanced resting state fMRI and relative cerebral blood volume mapping in normal human brain. *NeuroImage*, **2013**, 83, 200-9	7.9	25
59	Selection of patients for intra-arterial therapy--authorsℝreply. *Lancet Neurology, The*, **2013**, 12, 225-6	24.1	1
58	Early diffusion-weighted imaging and perfusion-weighted imaging lesion volumes forecast final infarct size in DEFUSE 2. *Stroke*, **2013**, 44, 681-5	6.7	88
57	Clinical outcomes strongly associated with the degree of reperfusion achieved in target mismatch patients: pooled data from the Diffusion and Perfusion Imaging Evaluation for Understanding Stroke Evolution studies. *Stroke*, **2013**, 44, 1885-90	6.7	31
56	The effects of alteplase 3 to 6 hours after stroke in the EPITHET-DEFUSE combined dataset: post hoc case-control study. *Stroke*, **2013**, 44, 87-93	6.7	73
55	Comparison of the response to endovascular reperfusion in relation to site of arterial occlusion. *Neurology*, **2013**, 81, 614-8	6.5	18
54	Acute Stroke Imaging Research Roadmap II. *Stroke*, **2013**, 44, 2628-39	6.7	133
53	Interaction between time to treatment and reperfusion therapy in patients with acute ischemic stroke. *Journal of NeuroInterventional Surgery*, **2013**, 5 Suppl 1, i48-51	7.8	2
52	Details of a prospective protocol for a collaborative meta-analysis of individual participant data from all randomized trials of intravenous rt-PA vs. control: statistical analysis plan for the Stroke Thrombolysis TrialistsℝCollaborative meta-analysis. *International Journal of Stroke*, **2013**, 8, 278-83	6.3	16

51	Patients with the malignant profile within 3 hours of symptom onset have very poor outcomes after intravenous tissue-type plasminogen activator therapy. *Stroke*, **2012**, 43, 2494-6	6.7	35
50	MRI profile and response to endovascular reperfusion after stroke (DEFUSE 2): a prospective cohort study. *Lancet Neurology, The*, **2012**, 11, 860-7	24.1	612
49	The infarct core is well represented by the acute diffusion lesion: sustained reversal is infrequent. *Journal of Cerebral Blood Flow and Metabolism*, **2012**, 32, 50-6	7.3	148
48	Clinical assessment of standard and generalized autocalibrating partially parallel acquisition diffusion imaging: effects of reduction factor and spatial resolution. *American Journal of Neuroradiology*, **2012**, 33, 1337-42	4.4	9
47	Cost comparison between the atraumatic and cutting lumbar puncture needles. *Neurology*, **2012**, 78, 109-13	6.5	31
46	Antithrombotic and thrombolytic therapy for ischemic stroke: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. *Chest*, **2012**, 141, e601S-e636S	5.3	327
45	Automated perfusion imaging for the evaluation of transient ischemic attack. *Stroke*, **2012**, 43, 1556-60	6.7	36
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