

Henk A Marquering

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

229
papers

10,315
citations

41
h-index

98
g-index

250
ext. papers

13,023
ext. citations

5.6
avg, IF

5.62
L-index

#	Paper	IF	Citations
229	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	5.6	0
228	Development of a patient-specific cerebral vasculature fluid-structure-interaction model.. <i>Journal of Biomechanics</i> , 2022 , 133, 110896	2.9	0
227	Probability maps classify ischemic stroke regions more accurately than CT perfusion summary maps.. <i>European Radiology</i> , 2022 , 1	8	0
226	Bifurcation occlusions and endovascular treatment outcome in acute ischemic stroke.. <i>Journal of NeuroInterventional Surgery</i> , 2022 ,	7.8	1
225	Combination of Radiological and Clinical Baseline Data for Outcome Prediction of Patients With an Acute Ischemic Stroke.. <i>Frontiers in Neurology</i> , 2022 , 13, 809343	4.1	0
224	Quantitative thrombus characteristics on thin-slice computed tomography improve prediction of thrombus histopathology: results of the MR CLEAN Registry.. <i>European Radiology</i> , 2022 , 1	8	0
223	Hemodynamic changes after intracranial aneurysm growth. <i>Journal of Neurosurgery</i> , 2021 , 1-7	3.2	
222	Local and Distributed Machine Learning for Inter-hospital Data Utilization: An Application for TAVI Outcome Prediction. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 787246	5.4	
221	Domain- and task-specific transfer learning for medical segmentation tasks. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 214, 106539	6.9	0
220	A review on the association of thrombus composition with mechanical and radiological imaging characteristics in acute ischemic stroke. <i>Journal of Biomechanics</i> , 2021 , 129, 110816	2.9	2
219	Added Value of a Blinded Outcome Adjudication Committee in an Open-Label Randomized Stroke Trial. <i>Stroke</i> , 2021 , STROKEAHA121035301	6.7	1
218	Economic Evaluation of Endovascular Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2021 , STROKEAHA121034599	6.7	1
217	Value of repeated imaging in patients with a stroke who are transferred for endovascular treatment. <i>Journal of NeuroInterventional Surgery</i> , 2021 ,	7.8	1
216	AC-AC: Dynamic revocable access control for acute care teams to access medical records. <i>Smart Health</i> , 2021 , 20, 100190	2.1	1
215	Endovascular treatment for calcified cerebral emboli in patients with acute ischemic stroke. <i>Journal of Neurosurgery</i> , 2021 , 1-11	3.2	2
214	Improving electrocardiogram-based detection of rare genetic heart disease using transfer learning: An application to phospholamban p.Arg14del mutation carriers. <i>Computers in Biology and Medicine</i> , 2021 , 131, 104262	7	6
213	Modelling the leptomeningeal collateral circulation during acute ischaemic stroke. <i>Medical Engineering and Physics</i> , 2021 , 91, 1-11	2.4	3

212	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke: A Meta-analysis of Individual Patient Data From 7 Randomized Clinical Trials. <i>JAMA Neurology</i> , 2021 , 78, 709-717	17.2	6
211	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	2
210	Influence of Onset to Imaging Time on Radiological Thrombus Characteristics in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021 , 12, 693427	4.1	0
209	Clinical Outcome in Patients With Intracerebral Hemorrhage Stratified by Type of Antithrombotic Therapy. <i>Frontiers in Neurology</i> , 2021 , 12, 684476	4.1	1
208	Detection of Large Vessel Occlusion Stroke in the Prehospital Setting: Electroencephalography as a Potential Triage Instrument. <i>Stroke</i> , 2021 , 52, e347-e355	6.7	3
207	The Role of Edema in Subacute Lesion Progression After Treatment of Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021 , 12, 705221	4.1	1
206	qTICI: Quantitative assessment of brain tissue reperfusion on digital subtraction angiograms of acute ischemic stroke patients. <i>International Journal of Stroke</i> , 2021 , 16, 207-216	6.3	3
205	Thrombectomy for acute ischemic stroke patients with isolated distal internal carotid artery occlusion: a retrospective observational study. <i>Neuroradiology</i> , 2021 , 63, 777-786	3.2	2
204	Computer versus cardiologist: Is a machine learning algorithm able to outperform an expert in diagnosing a phospholamban p.Arg14del mutation on the electrocardiogram?. <i>Heart Rhythm</i> , 2021 , 18, 79-87	6.7	7
203	Assessment of Recurrent Stroke Risk in Patients With a Carotid Web. <i>JAMA Neurology</i> , 2021 , 78, 826-833	17.2	6
202	Patient-tailored Contrast Delivery Protocols for Computed Tomography Coronary Angiography: Lower Contrast Dose and Better Image Quality. <i>Journal of Thoracic Imaging</i> , 2021 , 36, 353-359	5.6	0
201	Predicting mortality of individual patients with COVID-19: a multicentre Dutch cohort. <i>BMJ Open</i> , 2021 , 11, e047347	3	4
200	Posttreatment Ischemic Lesion Evolution Is Associated With Reduced Favorable Functional Outcome in Patients With Stroke. <i>Stroke</i> , 2021 , 52, 3523-3531	6.7	2
199	Endovascular Treatment Effect Diminishes With Increasing Thrombus Perviousness: Pooled Data From 7 Trials on Acute Ischemic Stroke. <i>Stroke</i> , 2021 , 52, 3633-3641	6.7	3
198	Impact of the Internal Carotid Artery Morphology on Stent-Retriever Thrombectomy Outcome.. <i>Frontiers in Medical Technology</i> , 2021 , 3, 719909	1.9	0
197	Quantitative analysis of EEG reactivity for neurological prognostication after cardiac arrest. <i>Clinical Neurophysiology</i> , 2021 , 132, 2240-2247	4.3	1
196	The first virtual patient-specific thrombectomy procedure. <i>Journal of Biomechanics</i> , 2021 , 126, 110622	2.9	8
195	Prediction of Stroke Infarct Growth Rates by Baseline Perfusion Imaging. <i>Stroke</i> , 2021 , STROKEAHA121034444	6.7	4

194	Automated Final Lesion Segmentation in Posterior Circulation Acute Ischemic Stroke Using Deep Learning. <i>Diagnostics</i> , 2021 , 11,	3.8	1
193	Detection of large vessel occlusion stroke with electroencephalography in the emergency room: first results of the ELECTRA-STROKE study. <i>Journal of Neurology</i> , 2021 , 1	5.5	3
192	Occult blood flow patterns distal to an occluded artery in acute ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211044941	7.3	1
191	Value of infarct location in the prediction of functional outcome in patients with an anterior large vessel occlusion: results from the HERMES study. <i>Neuroradiology</i> , 2021 , 1	3.2	2
190	Prediction of Atrial Fibrillation Recurrence after Thoracoscopic Surgical Ablation Using Machine Learning Techniques. <i>Diagnostics</i> , 2021 , 11,	3.8	3
189	Quantitative 3D analysis of tissue damage in a rat model of microembolization. <i>Journal of Biomechanics</i> , 2021 , 128, 110723	2.9	0
188	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	2.9	0
187	Quantified health and cost effects of faster endovascular treatment for large vessel ischemic stroke patients in the Netherlands. <i>Journal of NeuroInterventional Surgery</i> , 2021 , 13, 1099-1105	7.8	3
186	Association of Ischemic Core Imaging Biomarkers With Post-Thrombectomy Clinical Outcomes in the MR CLEAN Registry.. <i>Frontiers in Neurology</i> , 2021 , 12, 771367	4.1	0
185	Stroke Etiology and Thrombus Computed Tomography Characteristics in Patients With Acute Ischemic Stroke: A MR CLEAN Registry Substudy. <i>Stroke</i> , 2020 , 51, 1727-1735	6.7	20
184	Prediction of Outcome Using Quantified Blood Volume in Aneurysmal SAH. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1015-1021	4.4	0
183	Endovascular treatment in older adults with acute ischemic stroke in the MR CLEAN Registry. <i>Neurology</i> , 2020 , 95, e131-e139	6.5	15
182	Automated segmentation of subarachnoid hemorrhages with convolutional neural networks. <i>Informatics in Medicine Unlocked</i> , 2020 , 19, 100321	5.3	6
181	A break-glass protocol based on ciphertext-policy attribute-based encryption to access medical records in the cloud. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2020 , 75, 103-119	2	5
180	Solutions for Mitigating Cybersecurity Risks Caused by Legacy Software in Medical Devices: A Scoping Review. <i>IEEE Access</i> , 2020 , 8, 84352-84361	3.5	6
179	Effect of CAD on performance in ASPECTS reading. <i>Informatics in Medicine Unlocked</i> , 2020 , 18, 100295	5.3	
178	Automated Detection and Grading of Non-Muscle-Invasive Urothelial Cell Carcinoma of the Bladder. <i>American Journal of Pathology</i> , 2020 , 190, 1483-1490	5.8	10
177	Recurrence in Non-Muscle Invasive Bladder Cancer Patients: External Validation of the EORTC, CUETO and EAU Risk Tables and Towards a Non-Linear Survival Model. <i>Bladder Cancer</i> , 2020 , 6, 277-284	1	

176	Arterial Steal to the Penumbra Area in Patients with Acute MCA Occlusion: A Quantitative Angiographic Analysis. <i>Neurointervention</i> , 2020 , 15, 126-132	1.4	
175	Performance of an automated photoplethysmography-based artificial intelligence algorithm to detect atrial fibrillation.. <i>Cardiovascular Digital Health Journal</i> , 2020 , 1, 107-110	2	0
174	Deep Learning-based Recurrence Prediction in Patients with Non-muscle-invasive Bladder Cancer. <i>European Urology Focus</i> , 2020 ,	5.1	4
173	National Institutes of Health Stroke Scale: An Alternative Primary Outcome Measure for Trials of Acute Treatment for Ischemic Stroke. <i>Stroke</i> , 2020 , 51, 282-290	6.7	31
172	Inter-Center Cross-Validation and Finetuning without Patient Data Sharing for Predicting Transcatheter Aortic Valve Implantation Outcome 2020 ,		1
171	From perviousness to permeability, modelling and measuring intra-thrombus flow in acute ischemic stroke. <i>Journal of Biomechanics</i> , 2020 , 111, 110001	2.9	5
170	Trials for Treatment of Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020 , 11, 558125	4.1	21
169	Added Prognostic Value of Hemorrhagic Transformation Quantification in Patients With Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020 , 11, 582767	4.1	1
168	Predicting Poor Outcome Before Endovascular Treatment in Patients With Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020 , 11, 580957	4.1	6
167	A Convolutional Neural Network for Anterior Intra-Arterial Thrombus Detection and Segmentation on Non-Contrast Computed Tomography of Patients with Acute Ischemic Stroke. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4861	2.6	3
166	7T versus 3T MR Angiography to Assess Unruptured Intracranial Aneurysms. <i>Journal of Neuroimaging</i> , 2020 , 30, 779-785	2.8	
165	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	5.6	1
164	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	5.6	1
163	Prediction of final infarct volume from native CT perfusion and treatment parameters using deep learning. <i>Medical Image Analysis</i> , 2020 , 59, 101589	15.4	28
162	A morphology based deep learning model for atrial fibrillation detection using single cycle electrocardiographic samples. <i>International Journal of Cardiology</i> , 2020 , 316, 130-136	3.2	16
161	Automatic segmentation of cerebral infarcts in follow-up computed tomography images with convolutional neural networks. <i>Journal of NeuroInterventional Surgery</i> , 2020 , 12, 848-852	7.8	15
160	PATCH trial: explanatory analyses. <i>Blood</i> , 2020 , 135, 1406-1409	2.2	8
159	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	6.7	12

158	Toward Automated Bladder Tumor Stratification Using Confocal Laser Endomicroscopy. <i>Journal of Endourology</i> , 2019 , 33, 930-937	2.7	6
157	Radiological scales predicting delayed cerebral ischemia in subarachnoid hemorrhage: systematic review and meta-analysis. <i>Neuroradiology</i> , 2019 , 61, 247-256	3.2	26
156	Deep learning for automatic Gleason pattern classification for grade group determination of prostate biopsies. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019 , 475, 77-83	5.1	53
155	Value of machine learning in predicting TAVI outcomes. <i>Netherlands Heart Journal</i> , 2019 , 27, 443-450	2.2	14
154	Comparison of three commonly used CT perfusion software packages in patients with acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 1249-1256	7.8	31
153	Thrombus Imaging Characteristics and Outcomes in Acute Ischemic Stroke Patients Undergoing Endovascular Treatment. <i>Stroke</i> , 2019 , 50, 2057-2064	6.7	46
152	Estimation of Abdominal Aortic Aneurysm Rupture Risk with Biomechanical Imaging Markers. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 987-994.e4	2.4	2
151	Impact of Intracranial Aneurysm Morphology and Rupture Status on the Particle Residence Time. <i>Journal of Neuroimaging</i> , 2019 , 29, 487-492	2.8	2
150	Effect of Interhospital Transfer on Endovascular Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 923-930	6.7	44
149	Three-dimensional histopathological reconstruction of bladder tumours. <i>Diagnostic Pathology</i> , 2019 , 14, 25	3	9
148	Follow-up infarct volume as a mediator of endovascular treatment effect on functional outcome in ischaemic stroke. <i>European Radiology</i> , 2019 , 29, 736-744	8	12
147	Cancer Detection in Mass Spectrometry Imaging Data by Recurrent Neural Networks 2019 ,		1
146	Intracranial aneurysm growth: consistency of morphological changes. <i>Neurosurgical Focus</i> , 2019 , 47, E5	4.2	13
145	Predicting Delayed Cerebral Ischemia with Quantified Aneurysmal Subarachnoid Blood Volume. <i>World Neurosurgery</i> , 2019 , 130, e613-e619	2.1	4
144	Estimation of microvascular perfusion after esophagectomy: a quantitative model of dynamic fluorescence imaging. <i>Medical and Biological Engineering and Computing</i> , 2019 , 57, 1889-1900	3.1	8
143	Clinical and Imaging Markers Associated With Hemorrhagic Transformation in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 2037-2043	6.7	10
142	Thrombus Migration Paradox in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019 , 50, 3156-3163	6.7	40
141	Minimal invasive aortic valve replacement: associations of radiological assessments with procedure complexity. <i>Journal of Cardiothoracic Surgery</i> , 2019 , 14, 173	1.6	1

140	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	28
139	Collateral Circulation and Outcome in Atherosclerotic Versus Cardioembolic Cerebral Large Vessel Occlusion. <i>Stroke</i> , 2019 , 50, 3360-3368	6.7	40
138	Cancer detection in mass spectrometry imaging data by dilated convolutional neural networks 2019 ,		5
137	Insufficient slow-flow suppression mimicking aneurysm wall enhancement in magnetic resonance vessel wall imaging: a phantom study. <i>Neurosurgical Focus</i> , 2019 , 47, E19	4.2	20
136	Vessel wall enhancement of intracranial aneurysms: fact or artifact?. <i>Neurosurgical Focus</i> , 2019 , 47, E18	4.2	15
135	Comparing Morphology and Hemodynamics of Stable-versus-Growing and Grown Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2019 , 40, 2102-2110	4.4	8
134	Impact of single phase CT angiography collateral status on functional outcome over time: results from the MR CLEAN Registry. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 866-873	7.8	24
133	Red Alert: Break-Glass Protocol to Access Encrypted Medical Records in the Cloud 2019 ,		2
132	An isolated beating pig heart platform for a comprehensive evaluation of intracardiac blood flow with 4D flow MRI: a feasibility study. <i>European Radiology Experimental</i> , 2019 , 3, 40	4.5	3
131	Intracerebral Haemorrhage Segmentation in Non-Contrast CT. <i>Scientific Reports</i> , 2019 , 9, 17858	4.9	19
130	Strategies for managing multi-patient 3D mass spectrometry imaging data. <i>Journal of Proteomics</i> , 2019 , 193, 184-191	3.9	14
129	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. <i>Lancet Neurology</i> , 2019 , 18, 46-55	24.1	156
128	Machine learning improves prediction of delayed cerebral ischemia in patients with subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 497-502	7.8	27
127	Accuracy of "At Risk" Tissue Predictions Using CT Perfusion in Acute Large Vessel Occlusions. <i>Journal of Neuroimaging</i> , 2019 , 29, 371-375	2.8	3
126	Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2019 , 76, 194-202	17.2	41
125	Hemorrhagic transformation is associated with poor functional outcome in patients with acute ischemic stroke due to a large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2019 , 11, 464-468	7.8	32
124	Value of Quantitative Collateral Scoring on CT Angiography in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1074-1082	4.4	25
123	A computed tomography-based planning tool for predicting difficulty of minimally invasive aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 505-511	1.8	3

122	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. <i>American Journal of Neuroradiology</i> , 2018 , 39, 892-898	4.4	16
121	Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 1137-1142	7.8	54
120	Association of Quantified Location-Specific Blood Volumes with Delayed Cerebral Ischemia after Aneurysmal Subarachnoid Hemorrhage. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1059-1064	4.4	5
119	Histopathology: ditch the slides, because digital and 3D are on show. <i>World Journal of Urology</i> , 2018 , 36, 549-555	4	16
118	Ruptured middle cerebral artery aneurysms with a concomitant intraparenchymal hematoma: the role of hematoma volume. <i>Neuroradiology</i> , 2018 , 60, 335-342	3.2	3
117	Association of Reperfusion With Brain Edema in Patients With Acute Ischemic Stroke: A Secondary Analysis of the MR CLEAN Trial. <i>JAMA Neurology</i> , 2018 , 75, 453-461	17.2	57
116	Associations Between Collateral Status and Thrombus Characteristics and Their Impact in Anterior Circulation Stroke. <i>Stroke</i> , 2018 , 49, 391-396	6.7	27
115	Aneurysmal Parent Artery-Specific Inflow Conditions for Complete and Incomplete Circle of Willis Configurations. <i>American Journal of Neuroradiology</i> , 2018 , 39, 910-915	4.4	11
114	A decrease in blood pressure is associated with unfavorable outcome in patients undergoing thrombectomy under general anesthesia. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 107-111	7.8	74
113	Prevalence of Carotid Web in Patients with Acute Intracranial Stroke Due to Intracranial Large Vessel Occlusion. <i>Radiology</i> , 2018 , 286, 1000-1007	20.5	57
112	Added value of multiphase CTA imaging for thrombus perviousness assessment. <i>Neuroradiology</i> , 2018 , 60, 71-79	3.2	14
111	Limitations of Quantitative Blush Evaluator (QuBE) as myocardial perfusion assessment method on digital coronary angiograms. <i>Journal of Clinical and Translational Research</i> , 2018 , 3, 394-400	1.1	
110	Thrombolysis in Cerebral Infarction Scoring at the Core Lab 2018 , 10, 95-99		
109	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, The</i> , 2018 , 17, 47-53	24.1	138
108	Absence of Cortical Vein Opacification Is Associated with Lack of Intra-arterial Therapy Benefit in Stroke. <i>Radiology</i> , 2018 , 286, 643-650	20.5	9
107	Impact of Ischemic Lesion Location on the mRS Score in Patients with Ischemic Stroke: A Voxel-Based Approach. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1989-1994	4.4	19
106	Comparison of non-triggered magnetic resonance imaging and echocardiography for the assessment of left atrial volume and morphology. <i>Cardiovascular Ultrasound</i> , 2018 , 16, 17	2.4	3
105	Operator Versus Core Lab Adjudication of Reperfusion After Endovascular Treatment of Acute Ischemic Stroke. <i>Stroke</i> , 2018 , 49, 2376-2382	6.7	24

104	Predicting Outcome of Endovascular Treatment for Acute Ischemic Stroke: Potential Value of Machine Learning Algorithms. <i>Frontiers in Neurology</i> , 2018 , 9, 784	4.1	49
103	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	6.7	38
102	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology, The</i> , 2018 , 17, 895-904	24.1	179
101	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 Netherlands). <i>Stroke</i> , 2017 , 48, 1869-1876	6.7	72
100	Non-contrast enhanced navigator-gated balanced steady state free precession magnetic resonance angiography as a preferred magnetic resonance technique for assessment of the thoracic aorta. <i>Clinical Radiology</i> , 2017 , 72, 695.e1-695.e6	2.9	3
99	Topographic distribution of cerebral infarct probability in patients with acute ischemic stroke: mapping of intra-arterial treatment effect. <i>Journal of NeuroInterventional Surgery</i> , 2017 , 9, 431-436	7.8	4
98	Automated CTA based measurements for planning support of minimally invasive aortic valve replacement surgery. <i>Medical Engineering and Physics</i> , 2017 , 39, 123-128	2.4	2
97	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, 867-875	8	21
96	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	6.3	101
95	Associations of Ischemic Lesion Volume With Functional Outcome in Patients With Acute Ischemic Stroke: 24-Hour Versus 1-Week Imaging. <i>Stroke</i> , 2017 , 48, 1233-1240	6.7	37
94	Image Based Automated ASPECT Score for Acute Ischemic Stroke Patients 2017 ,		1
93	Value of Thrombus CT Characteristics in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2017 , 38, 1758-1764	4.4	24
92	Association of Computed Tomography Ischemic Lesion Location With Functional Outcome in Acute Large Vessel Occlusion Ischemic Stroke. <i>Stroke</i> , 2017 , 48, 2426-2433	6.7	30
91	Endovascular treatment in patients with carotid artery dissection and intracranial occlusion: a systematic review. <i>Neuroradiology</i> , 2017 , 59, 641-647	3.2	28
90	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	7.3	31
89	Arterial and Cellular Inflammation in Patients with CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1278-1285	12.7	29
88	Dynamics of the aortic annulus in 4D CT angiography for transcatheter aortic valve implantation patients. <i>PLoS ONE</i> , 2017 , 12, e0184133	3.7	7
87	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	0.9	3

86	Quantitative Collateral Grading on CT Angiography in Patients with Acute Ischemic Stroke. <i>Lecture Notes in Computer Science</i> , 2017 , 176-184	0.9	4
85	The Effect of Non-contrast CT Slice Thickness on Thrombus Density and PerVIOUSNESS Assessment. <i>Lecture Notes in Computer Science</i> , 2017 , 168-175	0.9	0
84	Dynamic CT perfusion image data compression for efficient parallel processing. <i>Medical and Biological Engineering and Computing</i> , 2016 , 54, 463-73	3.1	4
83	Biomechanical Imaging Markers as Predictors of Abdominal Aortic Aneurysm Growth or Rupture: A Systematic Review. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016 , 52, 475-486	2.3	23
82	Thresholds for Arterial Wall Inflammation Quantified by F-FDG PET Imaging: Implications for Vascular Interventional Studies. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1198-1207	8.4	63
81	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	4.4	15
80	Clot Burden Score on Baseline Computerized Tomographic Angiography and Intra-Arterial Treatment Effect in Acute Ischemic Stroke. <i>Stroke</i> , 2016 , 47, 2972-2978	6.7	33
79	Observer variability of absolute and relative thrombus density measurements in patients with acute ischemic stroke. <i>Neuroradiology</i> , 2016 , 58, 133-9	3.2	23
78	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, 2058-65	6.7	51
77	Automatic aortic root landmark detection in CTA images for preprocedural planning of transcatheter aortic valve implantation. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 501-11	2.5	23
76	Functional Imaging of the Foot with Perfusion Angiography in Critical Limb Ischemia. <i>CardioVascular and Interventional Radiology</i> , 2016 , 39, 183-9	2.7	38
75	Thrombus Permeability Is Associated With Improved Functional Outcome and Recanalization in Patients With Ischemic Stroke. <i>Stroke</i> , 2016 , 47, 732-41	6.7	76
74	Collateral Status on Baseline Computed Tomographic Angiography and Intra-Arterial Treatment Effect in Patients With Proximal Anterior Circulation Stroke. <i>Stroke</i> , 2016 , 47, 768-76	6.7	158
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