

# Acute Stroke Imaging Research Roadmap III Imaging Sequence Reperfusion Clinical Trials

Stroke

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Developing an Integrated Image Bank and Metadata for Large-scale Research in Cerebrovascular Disease: Our Experience from the Stroke Image Bank Project. <i>Frontiers in ICT</i> , 2016, 3, .	3.6	0
2	Neuroimaging as a Selection Tool and Endpoint in Clinical and Pre-clinical Trials. <i>Translational Stroke Research</i> , 2016, 7, 368-377.	2.3	19
3	Prehospital Scales for Large Vessel Occlusion. <i>Stroke</i> , 2017, 48, 247-249.	1.0	29
5	The Impact of CT Perfusion Threshold on Predicted Viable and Nonviable Tissue Volumes in Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2017, 27, 602-606.	1.0	9
6	e-ASPECTS software is non-inferior to neuroradiologists in applying the ASPECT score to computed tomography scans of acute ischemic stroke patients. <i>International Journal of Stroke</i> , 2017, 12, 615-622.	2.9	154
7	Imaging-based selection of patients for acute stroke treatment. <i>Neurology</i> , 2017, 88, 2242-2243.	1.5	7
8	Optimizing image registration and infarct definition in stroke research. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 166-174.	1.7	17
9	Role of Neuroimaging in Guiding Treatment Decisions on Endovascular Thrombectomy. <i>Neurology International Open</i> , 2017, 01, E18-E27.	0.4	4
10	Prevalence of Imaging Biomarkers to Guide the Planning of Acute Stroke Reperfusion Trials. <i>Stroke</i> , 2017, 48, 1675-1677.	1.0	2
11	Which imaging before reperfusion strategy?. <i>Revue Neurologique</i> , 2017, 173, 584-589.	0.6	6
12	Brain ischemia: CT and MRI techniques in acute ischemic stroke. <i>European Journal of Radiology</i> , 2017, 96, 162-172.	1.2	143
14	Association of Computed Tomography Ischemic Lesion Location With Functional Outcome in Acute Large Vessel Occlusion Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2426-2433.	1.0	39
15	Early Change in Stroke Size Performs Best in Predicting Response to Therapy. <i>Cerebrovascular Diseases</i> , 2017, 44, 141-149.	0.8	16
16	Stroke. <i>Lancet, The</i> , 2017, 389, 641-654.	6.3	887
17	NADPH Oxidase-Related Pathophysiology in Experimental Models of Stroke. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2123.	1.8	28
18	Value of Quantitative Collateral Scoring on CT Angiography in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2018, 39, 1074-1082.	1.2	44
19	Advances in Stroke 2017. <i>Stroke</i> , 2018, 49, e174-e199.	1.0	21
20	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.	2.0	93

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21	What are the images used to diagnose and assess suspected strokes?: A systematic literature review of care in four European countries. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2018, 18, 177-189.	0.7	0
22	Associations Between Collateral Status and Thrombus Characteristics and Their Impact in Anterior Circulation Stroke. <i>Stroke</i> , 2018, 49, 391-396.	1.0	41
23	Can diffusion- and perfusion-weighted imaging alone accurately triage anterior circulation acute ischemic stroke patients to endovascular therapy?. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 1132-1136.	2.0	13
24	New developments in clinical ischemic stroke prevention and treatment and their imaging implications. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1533-1550.	2.4	10
25	ASPECTS, Large Vessel Occlusion, and Time of Symptom Onset: Estimation of Eligibility for Endovascular Therapy. <i>Neurosurgery</i> , 2018, 83, 122-127.	0.6	29
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30	A Mild Traumatic Brain Injury in Mice Produces Lasting Deficits in Brain Metabolism. <i>Journal of Neurotrauma</i> , 2018, 35, 2435-2447.	1.7	36
31	Characters of Ischemic Stroke and Recanalization Arteries. <i>Springer Series in Translational Stroke Research</i> , 2018, , 15-34.	0.1	0
32	Imaging Biomarkers in Stroke Trials. , 2018, , 65-82.		0
34	Collateral Clock Is More Important Than Time Clock for Tissue Fate. <i>Stroke</i> , 2018, 49, 2102-2107.	1.0	103
35	Multimodal MRI-Based Triage for Acute Stroke Therapy: Challenges and Progress. <i>Frontiers in Neurology</i> , 2018, 9, 586.	1.1	19
36	Time window and "tissue window" two approaches to assist decision-making in strokes. <i>Journal of Neurology</i> , 2019, 266, 283-288.	1.8	7
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38	Treatment related acute imaging target evaluation using CT. <i>Nosotchu</i> , 2019, 41, 30-35.	0.0	0
39	Imaging After Thrombolysis and Thrombectomy: Rationale, Modalities and Management Implications. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 57.	2.0	9

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40	Thrombus Migration Paradox in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3156-3163.	1.0	69
41	Computer-aided imaging analysis in acute ischemic stroke – background and clinical applications. <i>Neurological Research and Practice</i> , 2019, 1, 23.	1.0	51
42	<i>Neuroradiology</i> , 2019, , 50-67.		0
43	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.	2.0	74
44	Measurement of collateral perfusion in acute stroke: a vessel-encoded arterial spin labeling study. <i>Scientific Reports</i> , 2019, 9, 8181.	1.6	19
45	Imaging Findings After Mechanical Thrombectomy in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 1618-1625.	1.0	20
46	Perfusion imaging INSPIREs precision medicine in stroke. <i>Neurology</i> , 2019, 92, 1075-1076.	1.5	0
47	Post-Stroke Blood-Brain Barrier Disruption and Poor Functional Outcome in Patients Receiving Thrombolytic Therapy. <i>Cerebrovascular Diseases</i> , 2019, 47, 135-142.	0.8	43
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53	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 131-140.	1.1	44
54	The effect of time since stroke, gender, age, and lesion size on thalamus volume in chronic stroke: a pilot study. <i>Scientific Reports</i> , 2020, 10, 20488.	1.6	5
55	Diffusion-Weighted Imaging-Fluid-Attenuated Inversion Recovery Mismatch Is Associated with 90-Day Functional Outcomes in Patients Undergoing Mechanical Thrombectomy. <i>Cerebrovascular Diseases</i> , 2020, 49, 292-300.	0.8	13
56	Neuroimaging in Randomized, Multi-Center Clinical Trials of Endovascular Treatment for Acute Ischemic Stroke: A Systematic Review. <i>Korean Journal of Radiology</i> , 2020, 21, 42.	1.5	6
57	Effect of In-Hospital Remote Ischemic Preconditioning on Brain Infarction Growth and Clinical Outcomes in Patients With Acute Ischemic Stroke. <i>JAMA Neurology</i> , 2020, 77, 725.	4.5	53

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58	Induced neuroprotection by remote ischemic preconditioning as a new paradigm in ischemic stroke at the acute phase, a systematic review. <i>BMC Neurology</i> , 2020, 20, 266.	0.8	12
59	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.	2.0	33
60	The role of computed tomography angiogram in intracranial hemorrhage. Do the benefits justify the known risks in everyday practice?. <i>Clinical Neurology and Neurosurgery</i> , 2021, 200, 106379.	0.6	3
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63	Favorable Venous Outflow Profiles Correlate With Favorable Tissue-Level Collaterals and Clinical Outcome. <i>Stroke</i> , 2021, 52, 1761-1767.	1.0	46
64	Artificial intelligence in clinical decision support and outcome prediction “ applications in stroke. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 518-528.	0.9	14
65	Tissue outcome prediction in hyperacute ischemic stroke: Comparison of machine learning models. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3085-3096.	2.4	10
66	Higher agreement in endovascular treatment decision-making than in parametric quantifications among automated CT perfusion software packages in acute ischemic stroke. <i>Journal of X-Ray Science and Technology</i> , 2021, 29, 823-834.	0.7	5
67	Acute Stroke Imaging Research Roadmap IV: Imaging Selection and Outcomes in Acute Stroke Clinical Trials and Practice. <i>Stroke</i> , 2021, 52, 2723-2733.	1.0	15
68	Rethinking the Collateral Vasculature Assessment in Acute Ischemic Stroke. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 181-186.	0.7	15
69	Remote Ischemic Conditioning May Improve Disability and Cognition After Acute Ischemic Stroke: A Pilot Randomized Clinical Trial. <i>Frontiers in Neurology</i> , 2021, 12, 663400.	1.1	11
70	A narrative review of plaque and brain imaging biomarkers for stroke risk stratification in patients with atherosclerotic carotid artery disease. <i>Annals of Translational Medicine</i> , 2021, 9, 1260-1260.	0.7	4
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74	Infarct volume and outcome of cerebral ischaemia, a systematic review and meta-analysis. <i>International Journal of Clinical Practice</i> , 2021, 75, e14773.	0.8	7
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77	Multicenter, retrospective analysis of endovascular treatment for acute ischemic stroke in nonagenarians. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104817.	0.7	4
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79	2019 Update of the Korean Clinical Practice Guidelines of Stroke for Endovascular Recanalization Therapy in Patients with Acute Ischemic Stroke. Journal of Stroke, 2019, 21, 231-240.	1.4	44
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85	Follow-Up Infarct Volume Prediction by CTP-Based Hypoperfusion Index, and the Discrepancy between Small Follow-Up Infarct Volume and Poor Functional Outcome" A Multicenter Study. Diagnostics, 2023, 13, 152.	1.3	0