## Role of Acute Lesion Topography in Initial Ischemic Str Functional Outcomes

Stroke 46, 2438-2444 DOI: 10.1161/strokeaha.115.009643

**Citation Report** 

		_		
CITA	TIO	ND	FDO	DT

#	ARTICLE	IF	CITATIONS
1	Infarct volume after glioblastoma surgery as an independent prognostic factor. Oncotarget, 2016, 7, 61945-61954.	1.8	23
2	Revealing the dual streams of speech processing. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15108-15113.	7.1	127
3	The association of insular stroke with lesion volume. NeuroImage: Clinical, 2016, 11, 41-45.	2.7	30
4	Intracerebral Hemorrhage Location and Functional Outcomes of Patients: A Systematic Literature Review and Meta-Analysis. Neurocritical Care, 2016, 25, 384-391.	2.4	60
5	Picturing the Size and Site of Stroke With an Expanded National Institutes of Health Stroke Scale. Stroke, 2016, 47, 1459-1465.	2.0	46
6	White matter injury in ischemic stroke. Progress in Neurobiology, 2016, 141, 45-60.	5.7	196
7	Subacute lesion volume as a potential prognostic biomarker for acute ischemic stroke after intravenous thrombolysis. Journal of the Neurological Sciences, 2016, 369, 77-81.	0.6	2
8	Effect of Right Insular Involvement on Death and Functional Outcome After Acute Ischemic Stroke in the IST-3 Trial (Third International Stroke Trial). Stroke, 2016, 47, 2959-2965.	2.0	25
9	Multivariate Connectome-Based Symptom Mapping in Post-Stroke Patients: Networks Supporting Language and Speech. Journal of Neuroscience, 2016, 36, 6668-6679.	3.6	142
10	Previous Statin Use and High-Resolution Magnetic Resonance Imaging Characteristics of Intracranial Atherosclerotic Plaque. Stroke, 2016, 47, 1789-1796.	2.0	29
11	Does stroke location predict walk speed response to gait rehabilitation?. Human Brain Mapping, 2016, 37, 689-703.	3.6	49
12	Stroke Location Is an Independent Predictor of Cognitive Outcome. Stroke, 2016, 47, 66-73.	2.0	97
13	Integrity of normal-appearing white matter and functional outcomes after acute ischemic stroke. Neurology, 2017, 88, 1701-1708.	1.1	47
14	Design and rationale for examining neuroimaging genetics in ischemic stroke. Neurology: Genetics, 2017, 3, e180.	1.9	35
15	Association of Computed Tomography Ischemic Lesion Location With Functional Outcome in Acute Large Vessel Occlusion Ischemic Stroke. Stroke, 2017, 48, 2426-2433.	2.0	39
16	Enhanced estimations of postâ€stroke aphasia severity using stacked multimodal predictions. Human Brain Mapping, 2017, 38, 5603-5615.	3.6	63
17	Right insular cortex involvement is consistently associated with death after ischaemic stroke. European Journal of Neurology, 2017, 24, 1-2.	3.3	11
18	Investigating structure and function in the healthy human brain: validity of acute versus chronic lesion-symptom mapping. Brain Structure and Function, 2017, 222, 2059-2070.	2.3	40

#	Article	IF	CITATIONS
19	Pathophysiology of Ischemic White Matter Injury. , 2017, , 131-134.		0
20	Infarct topography and functional outcomes. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1517-1532.	4.3	30
21	A hitchhiker's guide to lesion-behaviour mapping. Neuropsychologia, 2018, 115, 5-16.	1.6	97
22	Utility of Fractional Anisotropy in Cerebral Peduncle for Stroke Outcome Prediction: Comparison of Hemorrhagic and Ischemic Strokes. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 878-885.	1.6	20
23	Pathophysiology and Risk of Atrial Fibrillation Detected after Ischemic Stroke (PARADISE): A Translational, Integrated, and Transdisciplinary Approach. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 606-619.	1.6	12
24	Impact of Ischemic Lesion Location on the mRS Score in Patients with Ischemic Stroke: A Voxel-Based Approach. American Journal of Neuroradiology, 2018, 39, 1989-1994.	2.4	28
25	Lesion locations associated with persistent proprioceptive impairment in the upper limbs after stroke. NeuroImage: Clinical, 2018, 20, 955-971.	2.7	39
26	Differences in swallow physiology in patients with left and right hemispheric strokes. Physiology and Behavior, 2018, 194, 144-152.	2.1	23
27	Prognostic Significance of Infarct Size and Location: The Case of Insular Stroke. Scientific Reports, 2018, 8, 9498.	3.3	59
28	Identifying therapeutic targets from spontaneous beneficial brain lesions. Annals of Neurology, 2018, 84, 153-157.	5.3	55
29	A human memory circuit derived from brain lesions causing amnesia. Nature Communications, 2019, 10, 3497.	12.8	108
30	Endovascular Treatment of Acute Stroke. Stroke, 2019, 50, 2612-2618.	2.0	42
31	Lesion location impact on functional recovery of the hemiparetic upper limb. PLoS ONE, 2019, 14, e0219738.	2.5	25
32	Brain Infarct Segmentation and Registration on MRI or CT for Lesion-symptom Mapping. Journal of Visualized Experiments, 2019, , .	0.3	15
33	Comparing CST Lesion Metrics as Biomarkers for Recovery of Motor and Proprioceptive Impairments After Stroke. Neurorehabilitation and Neural Repair, 2019, 33, 848-861.	2.9	24
34	Brain Connectivity Measures Improve Modeling of Functional Outcome After Acute Ischemic Stroke. Stroke, 2019, 50, 2761-2767.	2.0	24
35	Rich-Club Organization: An Important Determinant of Functional Outcome After Acute Ischemic Stroke. Frontiers in Neurology, 2019, 10, 956.	2.4	23
36	Mapping acute lesion locations to physiological swallow impairments after stroke. NeuroImage: Clinical, 2019, 22, 101685.	2.7	54

CITATION REPORT

ARTICLE IF CITATIONS # Walking to your right music: a randomized controlled trial on the novel use of treadmill plus music 37 4.6 66 in Parkinson's disease. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 68. Influence of Intracerebral Hemorrhage Location on Outcomes in Patients With Severe Intraventricular Hemorrhage. Stroke, 2019, 50, 1688-1695. Lesion-Behavior Mapping in Cognitive Neuroscience: A Practical Guide to Univariate and Multivariate 39 0.3 9 Approaches. Neuromethods, 2019, , 209-238. Multivariate prediction of functional outcome using lesion topography characterized by acute diffusion tensor imaging. NeuroImage: Clinical, 2019, 23, 101821. Impact of infarct location on functional outcome following endovascular therapy for stroke. 41 1.9 23 Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 313-319. Medical imaging based in silico head model for ischaemic stroke simulation. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 101, 103442. 3.1 Curcumin Protects against White Matter Injury through NF-κB and Nrf2 Cross Talk. Journal of 43 3.4 29 Neurotrauma, 2020, 37, 1255-1265. Normal-Appearing White Matter Integrity Is a Predictor of Outcome After Ischemic Stroke. Stroke, 44 2.0 24 2020, 51, 449-456. Lateralization of Insular Ischemic Stroke is Not Associated With Any Stroke Clinical Outcomes: The 45 1.6 1 Athens Stroke Registry. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104529. Letter by Cao et al Regarding Article, "Short-Term Outcome and In-Hospital Complications After Acute Cerebral Infarcts in Multiple Arterial Territoriesâ€. Stroke, 2020, 51, e14. Lesion Topography Impact on Shoulder Abduction and Finger Extension Following Left and Right 47 2.0 5 Hemispheric Stroke. Frontiers in Human Neuroscience, 2020, 14, 282. The role of infarct location in patients with DWI-ASPECTS 0–5 acute stroke treated with 1.1 thrombectomy. Neurology, 2020, 95, e3344-e3354. Relevance of Porcine Stroke Models to Bridge the Gap from Pre-Clinical Findings to Clinical 49 4.1 10 Implementation. International Journal of Molecular Sciences, 2020, 21, 6568. Corticospinal Fibers With Different Origins Impact Motor Outcome and Brain After Subcortical Stroke, 2020, 51, 2170-2178. Boundary and vulnerability estimation of the internal borderzone using ischemic stroke lesion 51 3.3 5 mapping. Scientific Reports, 2020, 10, 1662. The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study 54 brain–behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148. Occipital intracerebral hemorrhageâ€"clinical characteristics, outcome, and post″CH epilepsy. Acta 54 2.11 Neurologica Scandinavica, 2021, 143, 71-77. Imaging Predictors of Neurologic Outcome After Pediatric Arterial Ischemic Stroke. Stroke, 2021, 52, 152-161.

CITATION REPORT

# 56	ARTICLE Lesions causing hallucinations localize to one common brain network. Molecular Psychiatry, 2021, 26, 1299-1309.	IF 7.9	Citations
57	Heterogeneity of Astrocytes in Grey and White Matter. Neurochemical Research, 2021, 46, 3-14.	3.3	60
58	Intracerebral Haemorrhage. , 2021, , 127-159.		0
59	Neural Substrates of Aphasia in Acute Left Hemispheric Stroke Using Voxel-Based Lesion-symptom Brain Mapping. Brain & Neurorehabilitation, 2021, 14, .	1.0	1
60	Stroke Lesion Impact on Lower Limb Function. Frontiers in Human Neuroscience, 2021, 15, 592975.	2.0	18
61	Exploring the predictive value of lesion topology on motor function outcomes in a porcine ischemic stroke model. Scientific Reports, 2021, 11, 3814.	3.3	7
62	The Utility of Domain-Specific End Points in Acute Stroke Trials. Stroke, 2021, 52, 1154-1161.	2.0	13
63	Diabetes and obesity are associated with disability in community-dwelling stroke survivors: A cross-sectional study of 37,955 Behavioral Risk Factor Surveillance System respondents. Topics in Stroke Rehabilitation, 2022, 29, 156-162.	1.9	3
64	Decomposing Acute Symptom Severity in Large Vessel Occlusion Stroke: Association With Multiparametric CT Imaging and Clinical Parameters. Frontiers in Neurology, 2021, 12, 651387.	2.4	2
65	EASY score (Eloquent, Age and baseline SYmptoms score) for outcome prediction in patients with acute ischemic stroke. Clinical Neurology and Neurosurgery, 2021, 205, 106626.	1.4	3
66	Outcome after acute ischemic stroke is linked to sex-specific lesion patterns. Nature Communications, 2021, 12, 3289.	12.8	50
67	Tissue outcome prediction in hyperacute ischemic stroke: Comparison of machine learning models. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 3085-3096.	4.3	10
68	Effects of insular involvement on functional outcome after intracerebral hemorrhage. Acta Neurologica Scandinavica, 2021, 144, 559-565.	2.1	2
69	Dengzhanxixin Injection Ameliorates Cognitive Impairment Through a Neuroprotective Mechanism Based on Mitochondrial Preservation in Patients With Acute Ischemic Stroke. Frontiers in Pharmacology, 2021, 12, 712436.	3.5	5
70	Brain infarctions after glioma surgery: prevalence, radiological characteristics and risk factors. Acta Neurochirurgica, 2021, 163, 3097-3108.	1.7	12
71	Stroke impairs the control of isometric forces and muscle activations in the ipsilesional arm. Scientific Reports, 2021, 11, 18533.	3.3	4
72	Value of infarct location in the prediction of functional outcome in patients with an anterior large vessel occlusion: results from the HERMES study. Neuroradiology, 2022, 64, 521-530.	2.2	3
73	Cerebral white matter vasculature: still uncharted?. Brain, 2021, 144, 3561-3575.	7.6	17

CITATION REPORT

#	Article	IF	CITATIONS
74	Grey and white matter network disruption is associated with sensory deficits after stroke. NeuroImage: Clinical, 2021, 31, 102698.	2.7	6
75	Cortical and Subcortical Control of Swallowing—Can We Use Information From Lesion Locations to Improve Diagnosis and Treatment for Patients With Stroke?. American Journal of Speech-Language Pathology, 2020, 29, 1030-1043.	1.8	23
76	Mapping mania symptoms based on focal brain damage. Journal of Clinical Investigation, 2020, 130, 5209-5222.	8.2	42
77	Regional structural impairments outside lesions are associated with verbal short-term memory deficits in chronic subcortical stroke. Oncotarget, 2017, 8, 30900-30907.	1.8	8
78	Relevance of Brain Regions' Eloquence Assessment in Patients With a Large Ischemic Core Treated With Mechanical Thrombectomy. Neurology, 2021, 97, e1975-e1985.	1.1	9
82	Lesion-behaviour mapping reveals multifactorial neurocognitive processes in recognition memory for unfamiliar faces. Neuropsychologia, 2021, 163, 108078.	1.6	5
83	Impact of Pretreatment Ischemic Location on Functional Outcome after Thrombectomy. Diagnostics, 2021, 11, 2038.	2.6	3
84	Using machine learning to predict atrial fibrillation diagnosed after ischemic stroke. International Journal of Cardiology, 2022, 347, 21-27.	1.7	19
85	Lesion-symptom mapping with NIHSS sub-scores in ischemic stroke patients. Stroke and Vascular Neurology, 2022, 7, 124-131.	3.3	8
86	Lesion severity and critical eloquent brain areas for ischemic stroke outcome prediction. Research on Biomedical Engineering, 0, , 1.	2.2	0
87	Stroke population–specific neuroanatomical CT-MRI brain atlas. Neuroradiology, 2022, , 1.	2.2	1
88	Sex-specific lesion pattern of functional outcomes after stroke. Brain Communications, 2022, 4, fcac020.	3.3	8
89	†Moderate global aphasia': A generalized decline of language processing caused by glioma surgery but not stroke. Brain and Language, 2022, 224, 105057.	1.6	0
90	Association of Infarct Topography and Outcome After Endovascular Thrombectomy in Patients With Acute Ischemic Stroke. Neurology, 2022, 98, .	1.1	18
92	Brain imaging determinants of functional prognosis after severe endocarditis: a multicenter observational study. Neurological Sciences, 2022, 43, 3759-3768.	1.9	1
93	The Severity of Sensorimotor Tracts Degeneration May Predict Motor Performance in Chronic Stroke Patients, While Brain Structural Network Dysfunction May Not. Frontiers in Neurology, 2022, 13, 813763.	2.4	0
94	Precision medicine in stroke: towards personalized outcome predictions using artificial intelligence. Brain, 2022, 145, 457-475.	7.6	54
95	A Fast-Processing Pipeline for Three-dimensional Visualization of Acute Ischemic Stroke lesion topography. , 2021, , .		1

#	Article	IF	CITATIONS
96	Causal mapping of human brain function. Nature Reviews Neuroscience, 2022, 23, 361-375.	10.2	106
99	Automatic Segmentation in Acute Ischemic Stroke: Prognostic Significance of Topological Stroke Volumes on Stroke Outcome. Stroke, 2022, 53, 2896-2905.	2.0	7
101	Shared and distinct voxel-based lesion-symptom mappings for spasticity and impaired movement in the hemiparetic upper limb. Scientific Reports, 2022, 12, .	3.3	3
102	Association of Stroke Lesion Pattern and White Matter Hyperintensity Burden With Stroke Severity and Outcome. Neurology, 2022, 99, .	1.1	12
103	Interpretable deep learning for the prognosis of long-term functional outcome post-stroke using acute diffusion weighted imaging. Journal of Cerebral Blood Flow and Metabolism, 2023, 43, 198-209.	4.3	5
104	Gray and white matter astrocytes differ in basal metabolism but respond similarly to neuronal activity. Glia, 2023, 71, 229-244.	4.9	11
105	Location-weighted versus Volume-weighted Mismatch at MRI for Response to Mechanical Thrombectomy in Acute Stroke. Radiology, 2023, 306, .	7.3	5
106	Use of <scp>multiâ€perturbation</scp> Shapley analysis in <scp>lesion studies</scp> of functional networks: The case of upper limb paresis. Human Brain Mapping, 2023, 44, 1320-1343.	3.6	4
107	Distribution Pattern Analysis of Cortical Brain Infarcts on Diffusionâ€Weighted Magnetic Resonance Imaging: A Hypothesisâ€Generating Approach to the Burden of Silent Embolic Stroke. Journal of the American Heart Association, 2022, 11, .	3.7	2
108	Predictive value of ischemia location on multimodal CT in thrombectomy-treated patients. Neuroradiology Journal, 0, , 197140092211286.	1.2	0
110	The feasibility and accuracy of machine learning in improving safety and efficiency of thrombolysis for patients with stroke: Literature review and proposed improvements. Frontiers in Neurology, 0, 13, .	2.4	4
111	Association of Lesion Topography with Functional Outcomes in Acute Ischemic Stroke Patients Considered for, or Receiving, Reperfusion Therapy: A Meta-Analysis. Neurology International, 2022, 14, 903-922.	2.8	0
112	Relationship between cerebral vasospasm vascular territory and functional outcome after aneurysmal subarachnoid hemorrhage. Journal of NeuroInterventional Surgery, 2023, 15, 958-963.	3.3	2
113	Neural bases characterizing chronic and severe upper-limb motor deficits after brain lesion. Journal of Neural Transmission, 0, , .	2.8	0
114	Evaluation of Blood Biomarkers and Parameters for the Prediction of Stroke Survivors' Functional Outcome upon Discharge Utilizing Explainable Machine Learning. Diagnostics, 2023, 13, 532.	2.6	7
115	Natural products regulate mitochondrial function in cognitive dysfunction—A scoping review. Frontiers in Pharmacology, 0, 14, .	3.5	0
116	Bayesian stroke modeling details sex biases in the white matter substrates of aphasia. Communications Biology, 2023, 6, .	4.4	3
118	Subcortical infarcts on admission CTP predict poor outcome despite excellent reperfusion in delayed time windows. Neuroradiology, 0, , .	2.2	0

**D** 

		CHAHON KI	LPUKI	
#	Article		IF	CITATIONS
119	Mapping Lesion-Related Epilepsy to a Human Brain Network. JAMA Neurology, 2023, 8	0, 891.	9.0	16
120	Connectomic insight into unique stroke patient recovery after rTMS treatment. Fronti Neurology, 0, 14, .	ers in	2.4	2
121	Lesion-behavior mapping indicates a strategic role for parietal substrates of associativ Cortex, 2023, 167, 148-166.	e memory.	2.4	0
122	Neglect scoring modifications in the National Institutes of Health Stroke Scale improv hemisphere stroke lesion volume prediction. European Journal of Neurology, 2024, 31	e right ·	3.3	0
124	Predicting Functional Outcome After Ischemic Stroke Using Logistic Regression and M Models. Earthline Journal of Mathematical Sciences, 0, , 133-150.	achine Learning	1.0	0
125	Spatial normalization for voxel-based lesion symptom mapping: impact of registration Frontiers in Neuroscience, 0, 18, .	approaches.	2.8	0
126	Consistent spatial lesion-symptom patterns: A comprehensive analysis using triangula lesion-symptom mapping in a cohort of stroke patients. Magnetic Resonance Imaging	tion in 2024, 109, 286-293.	1.8	0