

# Lukas Meyer

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,371  
citations

516561

16  
h-index

477173

29  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefit and risk of intravenous alteplase in patients with acute large vessel occlusion stroke and low ASPECTS. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 8-13.	2.0	15
2	Combined balloon guide catheter, aspiration catheter, and stent retriever technique versus balloon guide catheter and stent retriever alone technique: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 127-132.	2.0	5
3	Assessment of Irreversible Tissue Injury in Extensive Ischemic Stroke—Potential of Quantitative Cerebral Perfusion. <i>Translational Stroke Research</i> , 2023, 14, 562-571.	2.3	7
4	Risk Factors for Cerebral Aneurysm Rupture in Mongolia. <i>Clinical Neuroradiology</i> , 2022, 32, 499-506.	1.0	4
5	More Retrieval Attempts are Associated with Poorer Functional Outcome After Unsuccessful Thrombectomy. <i>Clinical Neuroradiology</i> , 2022, 32, 361-368.	1.0	9
6	Thrombectomy for secondary distal, medium vessel occlusions of the posterior circulation: seeking complete reperfusion. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 654-659.	2.0	9
7	Quantitative Lesion Water Uptake as Stroke Imaging Biomarker: A Tool for Treatment Selection in the Extended Time Window?. <i>Stroke</i> , 2022, 53, 201-209.	1.0	10
8	Posterior circulation collateral flow modifies the effect of thrombectomy on outcome in acute basilar artery occlusion. <i>International Journal of Stroke</i> , 2022, 17, 761-769.	2.9	6
9	Cerebral venous outflow profiles are associated with the first pass effect in endovascular thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1056-1061.	2.0	9
10	Venous outflow profiles are associated with early edema progression in ischemic stroke. <i>International Journal of Stroke</i> , 2022, 17, 1078-1084.	2.9	14
11	Bridging Thrombolysis versus Direct Mechanical Thrombectomy in Stroke Due to Basilar Artery Occlusion. <i>Journal of Stroke</i> , 2022, 24, 128-137.	1.4	13
12	Higher baseline blood glucose is associated with reduced likelihood for successful recanalization in patients with basilar artery occlusion. <i>Journal of Neurology</i> , 2022, , 1.	1.8	1
13	Health-related quality of life after thrombectomy in young-onset versus older stroke patients: a multicenter analysis. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1145-1150.	2.0	8
14	Functional Aplasia of the Contralateral A1 Segment Influences Clinical Outcome in Patients with Occlusion of the Distal Internal Carotid Artery. <i>Journal of Clinical Medicine</i> , 2022, 11, 1293.	1.0	1
15	Imaging-based outcome prediction in posterior circulation stroke. <i>Journal of Neurology</i> , 2022, 269, 3800-3809.	1.8	5
16	Effect of Intravenous Alteplase on Functional Outcome and Secondary Injury Volumes in Stroke Patients with Complete Endovascular Recanalization. <i>Journal of Clinical Medicine</i> , 2022, 11, 1565.	1.0	1
17	New imaging score for outcome prediction in basilar artery occlusion stroke. <i>European Radiology</i> , 2022, 32, 4491-4499.	2.3	5
18	Effect of Sex on Outcomes of Mechanical Thrombectomy in Basilar Artery Occlusion: A Multicentre Cohort Study. <i>Cerebrovascular Diseases</i> , 2022, 51, 639-646.	0.8	5

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19	Carotid artery direct access for mechanical thrombectomy: the Carotid Artery Puncture Evaluation (CARE) study. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1180-1185.	2.0	10
20	Aspiration Versus Stent Retriever Thrombectomy for Distal, Medium Vessel Occlusion Stroke in the Posterior Circulation: A Subanalysis of the TOPMOST Study. <i>Stroke</i> , 2022, 53, 2449-2457.	1.0	21
21	Cerebral Hypoperfusion Intensity Ratio Is Linked to Progressive Early Edema Formation. <i>Journal of Clinical Medicine</i> , 2022, 11, 2373.	1.0	9
22	How Much of the Thrombectomy Related Improvement in Functional Outcome Is Already Apparent at 24 Hours and at Hospital Discharge?. <i>Stroke</i> , 2022, , 101161STROKEAHA121037888.	1.0	4
23	Endovascular therapy versus no endovascular therapy in patients receiving best medical management for acute isolated occlusion of the posterior cerebral artery: A systematic review and <scp>meta-analysis</scp>. <i>European Journal of Neurology</i> , 2022, 29, 2664-2673.	1.7	24
24	Favourable arterial, tissue-level and venous collaterals correlate with early neurological improvement after successful thrombectomy treatment of acute ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 701-706.	0.9	15
25	Benefit of Intravenous Alteplase before Thrombectomy Depends on <scp>ASPECTS</scp>. <i>Annals of Neurology</i> , 2022, 92, 588-595.	2.8	8
26	Impact of relative cerebral blood volume reduction on early neurological improvement in extensive ischemic stroke. <i>European Journal of Neurology</i> , 2022, 29, 3264-3272.	1.7	3
27	Effect of thrombectomy on oedema progression and clinical outcome in patients with a poor collateral profile. <i>Stroke and Vascular Neurology</i> , 2021, 6, 222-229.	1.5	6
28	Sex Differences in Outcome After Thrombectomy for Acute Ischemic Stroke are Explained by Confounding Factors. <i>Clinical Neuroradiology</i> , 2021, 31, 1101-1109.	1.0	30
29	Computed tomography-based triage of extensive baseline infarction: ASPECTS and collaterals versus perfusion imaging for outcome prediction. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 869-874.	2.0	17
30	Ischemic lesion water homeostasis after thrombectomy for large vessel occlusion stroke within the anterior circulation: The impact of age. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 45-52.	2.4	17
31	Feasibility and safety of thrombectomy for isolated occlusions of the posterior cerebral artery: a multicenter experience and systematic literature review. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 217-220.	2.0	16
32	Small thrombus size, thrombus composition, and poor collaterals predict pre-interventional thrombus migration. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 409-414.	2.0	11
33	Early Prediction of Malignant Cerebellar Edema in Posterior Circulation Stroke Using Quantitative Lesion Water Uptake. <i>Neurosurgery</i> , 2021, 88, 531-537.	0.6	12
34	Factors associated with early reperfusion improvement after intra-arterial fibrinolytics as rescue for mechanical thrombectomy. <i>Clinical and Translational Neuroscience</i> , 2021, 5, 2514183X2110173.	0.4	1
35	Safety and Angiographic Efficacy of Intra-Arterial Fibrinolytics as Adjunct to Mechanical Thrombectomy: Results from the INFINITY Registry. <i>Journal of Stroke</i> , 2021, 23, 91-102.	1.4	16
36	Relationship between the degree of recanalization and functional outcome in acute ischemic stroke is mediated by penumbra salvage volume. <i>Journal of Neurology</i> , 2021, 268, 2213-2222.	1.8	12

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37	Imaging-based prediction of histological clot composition from admission CT imaging. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1053-1057.	2.0	21
38	Abstract P493: Outcomes in Young Adults With Acute Ischemic Stroke Undergoing Endovascular Thrombectomy: A Multi-Centre Experience. <i>Stroke</i> , 2021, 52, .	1.0	0
39	Tandem Lesions in Anterior Circulation Stroke. <i>Stroke</i> , 2021, 52, 1265-1275.	1.0	28
40	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke. <i>JAMA Neurology</i> , 2021, 78, 434.	4.5	79
41	How to Improve the Management of Acute Ischemic Stroke by Modern Technologies, Artificial Intelligence, and New Treatment Methods. <i>Life</i> , 2021, 11, 488.	1.1	17
42	Outcomes in young adults with acute ischemic stroke undergoing endovascular thrombectomy: A real-world multicenter experience. <i>European Journal of Neurology</i> , 2021, 28, 2736-2744.	1.7	13
43	Impact of intravenous alteplase on sub-angiographic emboli in high-resolution diffusion-weighted imaging following successful thrombectomy. <i>European Radiology</i> , 2021, 31, 8228-8235.	2.3	6
44	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. <i>Radiology</i> , 2021, 299, 682-690.	3.6	45
45	Computed Tomography Based Score of Early Ischemic Changes Predicts Malignant Infarction. <i>Frontiers in Neurology</i> , 2021, 12, 669828.	1.1	3
46	Interaction Effect of Baseline Serum Glucose and Early Ischemic Water Uptake on the Risk of Secondary Hemorrhage After Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 690193.	1.1	3
47	Value of Dual-Energy Dual-Layer CT After Mechanical Recanalization for the Quantification of Ischemic Brain Edema. <i>Frontiers in Neurology</i> , 2021, 12, 668030.	1.1	8
48	Reversible Ischemic Lesion Hypodensity in Acute Stroke CT Following Endovascular Reperfusion. <i>Neurology</i> , 2021, 97, e1075-e1084.	1.5	17
49	Distinct intra-arterial clot localization affects tissue-level collaterals and venous outflow profiles. <i>European Journal of Neurology</i> , 2021, 28, 4109-4116.	1.7	20
50	Surgery for childhood $\alpha$ -radiation-induced cavernous hemangioma (RICH): A case report and literature review. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 25, 101150.	0.2	0
51	Reconstructive endovascular treatment of basilar artery fenestration aneurysms: A multi-centre experience and literature review. <i>Neuroradiology Journal</i> , 2021, , 197140092110428.	0.6	2
52	Thrombectomy in Extensive Stroke May Not Be Beneficial and Is Associated With Increased Risk for Hemorrhage. <i>Stroke</i> , 2021, 52, 3109-3117.	1.0	40
53	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. <i>Clinical Neuroradiology</i> , 2021, 31, 1093-1100.	1.0	42
54	Bridging thrombolysis versus direct mechanical thrombectomy in stroke due to basilar artery occlusion. <i>Journal of the Neurological Sciences</i> , 2021, 429, 117818.	0.3	0

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55	Persistent challenges in endovascular treatment decision-making for acute ischaemic stroke. <i>Current Opinion in Neurology</i> , 2021, Publish Ahead of Print, .	1.8	4
56	Study Criteria Applied to Real Life—A Multicenter Analysis of Stroke Patients Undergoing Endovascular Treatment in Clinical Practice. <i>Journal of the American Heart Association</i> , 2021, 10, e017919.	1.6	7
57	The Benefit of Thrombectomy in Patients With Low ASPECTS Is a Matter of Shades of Gray—What Current Trials May Have Missed. <i>Frontiers in Neurology</i> , 2021, 12, 718046.	1.1	11
58	Case Report: Successful Mechanical Thrombectomy in a Newborn With Basilar Artery Occlusion. <i>Frontiers in Neurology</i> , 2021, 12, 790486.	1.1	8
59	Intracranial bailout stenting with the Acclino (Flex) Stent/NeuroSpeed Balloon Catheter after failed thrombectomy in acute ischemic stroke: a multicenter experience. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 43-47.	2.0	18
60	Patients with low Alberta Stroke Program Early CT Score (ASPECTS) but good collaterals benefit from endovascular recanalization. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 747-752.	2.0	59
61	Primary Multivessel Occlusions Treated With Mechanical Thrombectomy. <i>Stroke</i> , 2020, 51, e232-e237.	1.0	7
62	Thrombectomy for Distal, Medium Vessel Occlusions. <i>Stroke</i> , 2020, 51, 2872-2884.	1.0	197
63	Early clinical surrogates for outcome prediction after stroke thrombectomy in daily clinical practice. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1055-1059.	0.9	29
64	Repeated mechanical thrombectomy in short-term large vessel occlusion recurrence: multicenter study and systematic review of the literature. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, neurintsurg-2020-015938.	2.0	6
65	Effect of Balloon Guide Catheter Utilization on the Incidence of Sub-angiographic Peripheral Emboli on High-Resolution DWI After Thrombectomy: A Prospective Observational Study. <i>Frontiers in Neurology</i> , 2020, 11, 386.	1.1	15
66	Letter by Meyer et al Regarding Article, “Impact of Reperfusion for Nonagenarians Treated by Mechanical Thrombectomy: Insights From the ETIS Registry”. <i>Stroke</i> , 2020, 51, e60.	1.0	0
67	Stenting with Acclino (flex) for symptomatic intracranial stenosis as secondary stroke prevention. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 1127-1131.	2.0	12
68	Emergency Intracranial Stenting in Acute Stroke: Predictors for Poor Outcome and for Complications. <i>Journal of the American Heart Association</i> , 2020, 9, e012795.	1.6	31
69	Intracranial Stenting After Failed Thrombectomy in Patients With Moderately Severe Stroke: A Multicenter Cohort Study. <i>Frontiers in Neurology</i> , 2020, 11, 97.	1.1	18
70	Letter by Broocks et al Regarding Article, “Mechanical Thrombectomy in Patients With Ischemic Stroke With Prestroke Disability”. <i>Stroke</i> , 2020, 51, e167-e168.	1.0	1
71	Endovascular Treatment of Very Elderly Patients Aged ≥90 With Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2020, 9, e014447.	1.6	43
72	Sub-angiographic peripheral emboli in high resolution DWI after endovascular recanalization. <i>Journal of Neurology</i> , 2020, 267, 1401-1406.	1.8	10

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73	Incomplete or failed thrombectomy in acute stroke patients with Alberta Stroke Program Early Computed Tomography Score 0â€”5 â€” how harmful is trying?. <i>European Journal of Neurology</i> , 2020, 27, 2031-2035.	1.7	15
74	Computed Tomography Angiography Collateral Profile Is Directly Linked to Early Edema Progression Rate in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3424-3430.	1.0	46
75	Mechanical thrombectomy in nonagenarians with acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1091-1094.	2.0	44
76	Insufficiency risk of esophagojejunal anastomosis after total abdominal gastrectomy for gastric carcinoma. <i>Langenbeck's Archives of Surgery</i> , 2005, 390, 510-516.	0.8	49
77	Augmentation Mammoplastyâ€”Psychiatric and Psychosocial Characteristics and Outcome in a Group of Swedish Women. <i>Scandinavian Journal of Plastic and Reconstructive Surgery</i> , 1987, 21, 199-208.	0.3	22
78	Psychiatric and Psychosocial Characteristics of Patients Accepted for Rhinoplasty. <i>Annals of Plastic Surgery</i> , 1987, 19, 117-130.	0.5	13