

Uta Hanning, Mhba

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

3,055
citations

186209

28
h-index

214721

47
g-index

110
all docs

110
docs citations

110
times ranked

3580
citing authors

#	ARTICLE	IF	CITATIONS
1	Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2206-2210.	1.0	169
2	Radiomics of Brain MRI: Utility in Prediction of Metastatic Tumor Type. <i>Radiology</i> , 2019, 290, 479-487.	3.6	161
3	Clinical benefit of thrombectomy in stroke patients with low ASPECTS is mediated by oedema reduction. <i>Brain</i> , 2019, 142, 1399-1407.	3.7	129
4	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. <i>European Heart Journal</i> , 2022, 43, 1124-1137.	1.0	111
5	Feasibility, Safety, and Outcome of Endovascular Recanalization in Childhood Stroke. <i>JAMA Neurology</i> , 2020, 77, 25.	4.5	107
6	Quantitative Lesion Water Uptake in Acute Stroke Computed Tomography Is a Predictor of Malignant Infarction. <i>Stroke</i> , 2018, 49, 1906-1912.	1.0	100
7	Ischemic Stroke: Histological Thrombus Composition and Pre-Interventional CT Attenuation Are Associated with Intervention Time and Rate of Secondary Embolism. <i>Cerebrovascular Diseases</i> , 2017, 44, 344-350.	0.8	84
8	Thrombectomy for Primary Distal Posterior Cerebral Artery Occlusion Stroke. <i>JAMA Neurology</i> , 2021, 78, 434.	4.5	79
9	Randomized trial of transcranial direct current stimulation for poststroke dysphagia. <i>Annals of Neurology</i> , 2018, 83, 328-340.	2.8	73
10	Reasons for failed endovascular recanalization attempts in stroke patients. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 439-442.	2.0	73
11	Predictors of poor clinical outcome despite complete reperfusion in acute ischemic stroke patients. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 14-18.	2.0	71
12	Computed Tomographic Blend Sign Is Associated With Computed Tomographic Angiography Spot Sign and Predicts Secondary Neurological Deterioration After Intracerebral Hemorrhage. <i>Stroke</i> , 2017, 48, 131-135.	1.0	66
13	Atrophy of Swallowing Muscles Is Associated With Severity of Dysphagia and Age in Patients With Acute Stroke. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 635.e1-635.e7.	1.2	62
14	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
15	Comparison of Spot Sign, Blend Sign and Black Hole Sign for Outcome Prediction in Patients with Intracerebral Hemorrhage. <i>Journal of Stroke</i> , 2017, 19, 333-339.	1.4	57
16	Futile Recanalization With Poor Clinical Outcome Is Associated With Increased Edema Volume After Ischemic Stroke. <i>Investigative Radiology</i> , 2019, 54, 282-287.	3.5	54
17	Hemorrhage After Endovascular Recanalization in Acute Stroke: Lesion Extent, Collaterals and Degree of Ischemic Water Uptake Mediate Tissue Vulnerability. <i>Frontiers in Neurology</i> , 2019, 10, 569.	1.1	50
18	Impact of endovascular recanalization on quantitative lesion water uptake in ischemic anterior circulation strokes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 437-445.	2.4	50

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19	Computed Tomography Perfusion Improves Diagnostic Accuracy in Acute Posterior Circulation Stroke. <i>Cerebrovascular Diseases</i> , 2016, 41, 242-247.	0.8	46
20	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
21	Lesion Age Imaging in Acute Stroke: Water Uptake in <sc>CT</sc> Versus <sc>DWI</sc> FLAIR. <i>Annals of Neurology</i> , 2020, 88, 1144-1152.	2.8	44
22	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
23	Thrombectomy in Childhood Stroke. <i>Journal of the American Heart Association</i> , 2019, 8, e011335.	1.6	42
24	CT versus MR Techniques in the Detection of Cervical Artery Dissection. <i>Journal of Neuroimaging</i> , 2017, 27, 607-612.	1.0	41
25	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
26	Second-look strokectomy of cerebral infarction areas in patients with severe herniation. <i>Journal of Neurosurgery</i> , 2020, 132, 1-9.	0.9	39
27	The Myelin Water Fraction Serves as a Marker for Age-Related Myelin Alterations in the Cerebral White Matter – A Multiparametric MRI Aging Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 136.	1.4	38
28	Triage of 5 Noncontrast Computed Tomography Markers and Spot Sign for Outcome Prediction After Intracerebral Hemorrhage. <i>Stroke</i> , 2018, 49, 2317-2322.	1.0	36
29	Elevated early lesion water uptake in acute stroke predicts poor outcome despite successful recanalization – When “tissue clock” and “time clock” are desynchronized. <i>International Journal of Stroke</i> , 2021, 16, 863-872.	2.9	36
30	Histological Clot Composition Is Associated With Preinterventional Clot Migration in Acute Stroke Patients. <i>Stroke</i> , 2019, 50, 2065-2071.	1.0	33
31	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
32	Training and Supervision of Thrombectomy by Remote Live Streaming Support (RESS). <i>Clinical Neuroradiology</i> , 2021, 31, 181-187.	1.0	31
33	Automated assessment of early hypoxic brain edema in non-enhanced CT predicts outcome in patients after cardiac arrest. <i>Resuscitation</i> , 2016, 104, 91-94.	1.3	30
34	Distinct pattern of lesion distribution in multiple sclerosis is associated with different circulating T-helper and helper-like innate lymphoid cell subsets. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1025-1030.	1.4	30
35	Perfusion imaging-based tissue-level collaterals predict ischemic lesion net water uptake in patients with acute ischemic stroke and large vessel occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2199220.	2.4	30
36	Elevated blood glucose is associated with aggravated brain edema in acute stroke. <i>Journal of Neurology</i> , 2020, 267, 440-448.	1.8	29

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37	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
38	Network Localisation of White Matter Damage in Cerebral Small Vessel Disease. <i>Scientific Reports</i> , 2020, 10, 9210.	1.6	28
39	Ischemic lesion growth in acute stroke: Water uptake quantification distinguishes between edema and tissue infarct. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 823-832.	2.4	27
40	Impact of Childhood Arterial Ischemic Stroke Standardized Classification and Diagnostic Evaluation Classification on Further Course of Arteriopathy and Recurrence of Childhood Stroke. <i>Stroke</i> , 2019, 50, 83-87.	1.0	25
41	Immune Cell Profiling During Switching from Natalizumab to Fingolimod Reveals Differential Effects on Systemic Immune-Regulatory Networks and on Trafficking of Non-T Cell Populations into the Cerebrospinal Fluid—Results from the ToFingo Successor Study. <i>Frontiers in Immunology</i> , 2018, 9, 1560.	2.2	24
42	Does Device Selection Impact Recanalization Rate and Neurological Outcome?. <i>Stroke</i> , 2020, 51, 1182-1189.	1.0	22
43	Clinical Diffusion Mismatch to Select Pediatric Patients for Embolectomy 6 to 24 Hours After Stroke. <i>Neurology</i> , 2021, 96, e343-e351.	1.5	22
44	Imaging-based prediction of histological clot composition from admission CT imaging. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1053-1057.	2.0	21
45	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
46	White matter integrity and structural brain network topology in cerebral small vessel disease: The Hamburg city health study. <i>Human Brain Mapping</i> , 2021, 42, 1406-1415.	1.9	20
47	Highest Lesion Growth Rates in Patients With Hyperacute Stroke. <i>Stroke</i> , 2019, 50, 189-192.	1.0	19
48	Republished: Interhospital teleproctoring of endovascular intracranial aneurysm treatment using a dedicated live-streaming technology: first experiences during the COVID-19 pandemic. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, e1-e1.	2.0	19
49	Imaging of Spontaneous and Traumatic Cervical Artery Dissection. <i>Clinical Neuroradiology</i> , 2019, 29, 269-275.	1.0	18
50	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
51	Linking cortical atrophy to white matter hyperintensities of presumed vascular origin. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1682-1691.	2.4	18
52	Neoplastic and Non-neoplastic Acute Intracerebral Hemorrhage in CT Brain Scans: Machine Learning-Based Prediction Using Radiomic Image Features. <i>Frontiers in Neurology</i> , 2020, 11, 285.	1.1	18
53	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
54	Clinical relevance of asymptomatic intracerebral hemorrhage post thrombectomy depends on angiographic collateral score. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1599-1607.	2.4	17

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55	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
56	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
57	Expanding indications for endovascular thrombectomy-how to leave no patient behind. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642199890.	1.5	17
58	Reversible Ischemic Lesion Hypodensity in Acute Stroke CT Following Endovascular Reperfusion. <i>Neurology</i> , 2021, 97, e1075-e1084.	1.5	17
59	Cerebral Signal Intensity Abnormalities on T2-weighted MR Images in HIV Patients with Highly Active Antiretroviral Therapy. <i>Academic Radiology</i> , 2011, 18, 1144-1150.	1.3	16
60	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
61	Posterior circulation stroke: machine learning-based detection of early ischemic changes in acute non-contrast CT scans. <i>Journal of Neurology</i> , 2020, 267, 2632-2641.	1.8	15
62	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
63	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
64	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, 1581.	1.6	15
65	Imaging-based outcome prediction in patients with intracerebral hemorrhage. <i>Acta Neurochirurgica</i> , 2018, 160, 1663-1670.	0.9	13
66	White matter hyperintensities are not associated with cognitive decline in early Parkinson's disease â€œ The DeNoPa cohort. <i>Parkinsonism and Related Disorders</i> , 2019, 69, 61-67.	1.1	13
67	Interhospital teleproctoring of endovascular intracranial aneurysm treatment using a dedicated live-streaming technology: first experiences during the COVID-19 pandemic. <i>BMJ Case Reports</i> , 2020, 13, e016722.	0.2	13
68	Acute tonsillar cerebellar herniation in a patient with traumatic dural tear and VAC therapy after complex trauma. <i>Spine Journal</i> , 2015, 15, e13-e16.	0.6	12
69	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
70	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
71	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
72	Diagnostic accuracy of different clinical screening criteria for blunt cerebrovascular injuries compared with liberal state of the art computed tomography angiography in major trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 789-795.	1.1	11

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73	Inter- and Intrarater Agreement of Spot Sign and Noncontrast CT Markers for Early Intracerebral Hemorrhage Expansion. <i>Journal of Clinical Medicine</i> , 2020, 9, 1020.	1.0	11
74	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
75	Ischemic Lesion Water Uptake in Acute Stroke: Is Blood Glucose Related to Cause and Effect?. <i>Journal of Stroke</i> , 2019, 21, 347-349.	1.4	11
76	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
77	Free-water diffusion MRI detects structural alterations surrounding white matter hyperintensities in the early stage of cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, , 0271678X2210935.	2.4	11
78	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
79	Sub-angiographic peripheral emboli in high resolution DWI after endovascular recanalization. <i>Journal of Neurology</i> , 2020, 267, 1401-1406.	1.8	10
80	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
81	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
82	Association of Age and Structural Brain Changes With Functional Connectivity and Executive Function in a Middle-Aged to Older Population-Based Cohort. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 782738.	1.7	8
83	Structural brain changes and all-cause mortality in the elderly population—the mediating role of inflammation. <i>Age</i> , 2016, 38, 455-464.	3.0	7
84	Quantitative Rapid Assessment of Leukoaraiosis in CT. <i>Clinical Neuroradiology</i> , 2019, 29, 109-115.	1.0	7
85	Neoplastic and Non-Neoplastic Causes of Acute Intracerebral Hemorrhage on CT. <i>Clinical Neuroradiology</i> , 2020, 30, 271-278.	1.0	7
86	Feasibility of a customizable training environment for neurointerventional skills assessment. <i>PLoS ONE</i> , 2020, 15, e0238952.	1.1	7
87	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
88	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
89	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
90	Prognostic Value of Non-Contrast CT Markers and Spot Sign for Outcome Prediction in Patients with Intracerebral Hemorrhage under Oral Anticoagulation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1077.	1.0	5

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91	Imaging-based outcome prediction in posterior circulation stroke. <i>Journal of Neurology</i> , 2022, 269, 3800-3809.	1.8	5
92	New imaging score for outcome prediction in basilar artery occlusion stroke. <i>European Radiology</i> , 2022, 32, 4491-4499.	2.3	5
93	Volumetric Assessment of Swallowing Muscles: A Comparison of CT and MRI Segmentation. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 441-446.	0.7	4
94	Spectrally fat-suppressed coronal 2D TSE sequences may be more sensitive than 2D STIR for the detection of hyperintense optic nerve lesions. <i>European Radiology</i> , 2019, 29, 6266-6274.	2.3	4
95	Risk Factors for Cerebral Aneurysm Rupture in Mongolia. <i>Clinical Neuroradiology</i> , 2022, 32, 499-506.	1.0	4
96	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
97	Computed Tomography Based Score of Early Ischemic Changes Predicts Malignant Infarction. <i>Frontiers in Neurology</i> , 2021, 12, 669828.	1.1	3
98	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
99	Remote Training of Neurointerventions by Audiovisual Streaming. <i>Clinical Neuroradiology</i> , 2023, 33, 137-145.	1.0	3
100	Development of Cortical Lesion Volumes on Double Inversion Recovery MRI in Patients With Relapse-Onset Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 133.	1.1	2
101	Confidence of treatment decision and perceived risk of procedure-related neurological complications in the management of unruptured intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 479-484.	2.0	1
102	Physician factors influencing endovascular treatment decisions in the management of unruptured intracranial aneurysms. <i>Neuroradiology</i> , 2021, 63, 117-123.	1.1	1
103	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
104	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
105	Letter by Sporns et al Regarding Article, "Thrombus Permeability in Admission Computed Tomographic Imaging Indicates Stroke Pathogenesis Based on Thrombus Histology" <i>Stroke</i> , 2019, 50, e35.	1.0	0
106	Letter by Sporns et al Regarding Article, "Predictive Value of Susceptibility Vessel Sign for Arterial Recanalization and Clinical Improvement in Ischemic Stroke" <i>Stroke</i> , 2019, 50, e134.	1.0	0
107	Response by Sporns et al to Letter Regarding Article, "Triage of 5 Noncontrast Computed Tomography Markers and Spot Sign for Outcome Prediction After Intracerebral Hemorrhage" <i>Stroke</i> , 2019, 50, STROKEAHA118023866.	1.0	0