GÃ¶tz Thomalla

List of Publications by Year
in descending order

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244 papers	9,689 citations	50170 46 h-index	53109 85 g-index
260 all docs	260 docs citations	260 times ranked	9298 citing authors

#	Article	IF	Citations
1	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. New England Journal of Medicine, 2018, 379, 611-622.	13.9	912
2	DWI-FLAIR mismatch for the identification of patients with acute ischaemic stroke within 4Â·5 h of symptom onset (PRE-FLAIR): a multicentre observational study. Lancet Neurology, The, 2011, 10, 978-986.	4.9	468
3	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. Lancet, The, 2020, 395, 878-887.	6.3	400
4	Diffusion tensor imaging detects early Wallerian degeneration of the pyramidal tract after ischemic stroke. NeuroImage, 2004, 22, 1767-1774.	2.1	382
5	Outcome and Symptomatic Bleeding Complications of Intravenous Thrombolysis Within 6 Hours in MRI-Selected Stroke Patients. Stroke, 2006, 37, 852-858.	1.0	235
6	Negative fluidâ€attenuated inversion recovery imaging identifies acute ischemic stroke at 3 hours or less. Annals of Neurology, 2009, 65, 724-732.	2.8	204
7	Predictors of Apparent Diffusion Coefficient Normalization in Stroke Patients. Stroke, 2004, 35, 514-519.	1.0	201
8	Influence of Stroke Infarct Location on Functional Outcome Measured by the Modified Rankin Scale. Stroke, 2014, 45, 1695-1702.	1.0	193
9	Functional Outcome Following Stroke Thrombectomy in Clinical Practice. Stroke, 2019, 50, 2500-2506.	1.0	179
10	Current practice and future directions in the diagnosis and acute treatment of ischaemic stroke. Lancet, The, 2018, 392, 1247-1256.	6.3	160
11	Magnetic Particle Imaging for Real-Time Perfusion Imaging in Acute Stroke. ACS Nano, 2017, 11, 10480-10488.	7.3	142
12	Outcome and Severe Hemorrhagic Complications of Intravenous Thrombolysis With Tissue Plasminogen Activator in Very Old (â‰¥80 Years) Stroke Patients. Stroke, 2005, 36, 2421-2425.	1.0	136
13	Structural changes in the somatosensory system correlate with tic severity in Gilles de la Tourette syndrome. Brain, 2009, 132, 765-777.	3.7	136
14	A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial to Test Efficacy and Safety of Magnetic Resonance Imaging-Based Thrombolysis in Wake-up Stroke (WAKE-UP). International Journal of Stroke, 2014, 9, 829-836.	2.9	130
15	Clinical benefit of thrombectomy in stroke patients with low ASPECTS is mediated by oedema reduction. Brain, 2019, 142, 1399-1407.	3.7	129
16	Altered modulation of intracortical excitability during movement preparation in Gilles de la Tourette syndrome. Brain, 2010, 133, 580-590.	3.7	128
17	Somatosensory deficits after stroke: a scoping review. Topics in Stroke Rehabilitation, 2016, 23, 136-146.	1.0	121
18	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. Neuroradiology, 2017, 59, 343-351.	1.1	111

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19	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. European Heart Journal, 2022, 43, 1124-1137.	1.0	111
20	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. Lancet, The, 2020, 396, 1574-1584.	6.3	107
21	Modeling of Large-Scale Functional Brain Networks Based on Structural Connectivity from DTI: Comparison with EEG Derived Phase Coupling Networks and Evaluation of Alternative Methods along the Modeling Path. PLoS Computational Biology, 2016, 12, e1005025.	1.5	90
22	Voxel-based lesion-symptom mapping of stroke lesions underlying somatosensory deficits. NeuroImage: Clinical, 2016, 10, 257-266.	1.4	88
23	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	1.0	88
24	Rationale and Design of the Hamburg City Health Study. European Journal of Epidemiology, 2020, 35, 169-181.	2.5	85
25	Wake-Up Stroke: Clinical Characteristics, Imaging Findings, and Treatment Option Ã¢â‚¬â€œ an Update. Frontiers in Neurology, 2014, 5, 35.	1.1	84
26	A Critical Review of Alberta Stroke Program Early CT Score for Evaluation of Acute Stroke Imaging. Frontiers in Neurology, 2016, 7, 245.	1.1	81
27	Post-Stroke Depression: Impact of Lesion Location and Methodological Limitationsâ€”A Topical Review. Frontiers in Neurology, 2017, 8, 498.	1.1	79
28	Recanalization Rate per Retrieval Attempt in Mechanical Thrombectomy for Acute Ischemic Stroke. Stroke, 2018, 49, 2523-2525.	1.0	78
29	Somatosensory Deficits After Ischemic Stroke. Stroke, 2019, 50, 1116-1123.	1.0	78
30	Systematic evaluation of stroke thrombectomy in clinical practice: The German Stroke Registry Endovascular Treatment. International Journal of Stroke, 2019, 14, 372-380.	2.9	76
31	Action inhibition in Tourette syndrome. Movement Disorders, 2014, 29, 1532-1538.	2.2	74
32	Reasons for failed endovascular recanalization attempts in stroke patients. Journal of NeuroInterventional Surgery, 2019, 11, 439-442.	2.0	73
33	Costs of control: decreased motor cortex engagement during a Go/NoGo task in Touretteâ€™s syndrome. Brain, 2014, 137, 122-136.	3.7	72
34	Characterizing physiological heterogeneity of infarction risk in acute human ischaemic stroke using MRI. Brain, 2006, 129, 2384-2393.	3.7	71
35	Characterization of White Matter Hyperintensities in Large-Scale MRI-Studies. Frontiers in Neurology, 2019, 10, 238.	1.1	71
36	A randomized controlled trial to test efficacy and safety of thrombectomy in stroke with extended lesion and extended time window. International Journal of Stroke, 2019, 14, 87-93.	2.9	69

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37	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. JAMA Neurology, 2019, 76, 641.	4.5	63
38	ANTONIA Perfusion and Stroke. Methods of Information in Medicine, 2014, 53, 469-481.	0.7	62
39	Enhanced Effective Connectivity Between Primary Motor Cortex and Intraparietal Sulcus in Well-Recovered Stroke Patients. Stroke, 2016, 47, 482-489.	1.0	61
40	Altered intrahemispheric structural connectivity in Gilles de la Tourette syndrome. NeuroImage: Clinical, 2014, 4, 174-181.	1.4	60
41	Cortico-Cerebellar Structural Connectivity Is Related to Residual Motor Output in Chronic Stroke. Cerebral Cortex, 2017, 27, bhv251.	1.6	56
42	From â€œTime is Brainâ€• to â€œImaging is Brainâ€• A Paradigm Shift in the Management of Acute Ischemic Stroke. Journal of Neuroimaging, 2020, 30, 562-571.	1.0	56
43	Expert opinion paper on atrial fibrillation detection after ischemic stroke. Clinical Research in Cardiology, 2018, 107, 871-880.	1.5	55
44	Temporal trends in the presentation of cardiovascular and cerebrovascular emergencies during the COVID-19 pandemic in Germany: an analysis of health insurance claims. Clinical Research in Cardiology, 2020, 109, 1540-1548.	1.5	54
45	Stroke With Unknown Time of Symptom Onset. Stroke, 2017, 48, 770-773.	1.0	51
46	â€˜Drip-and-driveâ€™: shipping the neurointerventionalist to provide mechanical thrombectomy in primary stroke centers. Journal of NeuroInterventional Surgery, 2018, 10, 932-936.	2.0	51
47	Systematic monitoring for detection of atrial fibrillation in patients with acute ischaemic stroke (MonDAFIS): a randomised, open-label, multicentre study. Lancet Neurology, The, 2021, 20, 426-436.	4.9	51
48	Pretreatment Diffusion-Weighted Imaging Lesion Volume Predicts Favorable Outcome After Intravenous Thrombolysis With Tissue-Type Plasminogen Activator in Acute Ischemic Stroke. Stroke, 2011, 42, 1251-1254.	1.0	50
49	Hemorrhage After Endovascular Recanalization in Acute Stroke: Lesion Extent, Collaterals and Degree of Ischemic Water Uptake Mediate Tissue Vulnerability. Frontiers in Neurology, 2019, 10, 569.	1.1	50
50	Good Clinical Outcome Decreases With Number of Retrieval Attempts in Stroke Thrombectomy. Stroke, 2021, 52, 482-490.	1.0	50
51	Motor-Cortical Interaction in Gilles de la Tourette Syndrome. PLoS ONE, 2012, 7, e27850.	1.1	49
52	Quantitative Measurements of Relative Fluid-Attenuated Inversion Recovery (FLAIR) Signal Intensities in Acute Stroke for the Prediction of Time from Symptom Onset. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 76-84.	2.4	46
53	Lesion Age Imaging in Acute Stroke: Water Uptake in <scp>CT</scp> Versus <scp>DWIâ€FLAIR</scp> Mismatch. Annals of Neurology, 2020, 88, 1144-1152.	2.8	44
54	Is it a tic?â€”Twenty seconds to make a diagnosis. Movement Disorders, 2010, 25, 1106-1108.	2.2	43

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55	Interhemispheric motor networks are abnormal in patients with Gilles de la Tourette syndrome. Movement Disorders, 2010, 25, 2828-2837.	2.2	42
56	ASPECTS Interobserver Agreement of 100 Investigators from the TENSION Study. Clinical Neuroradiology, 2021, 31, 1093-1100.	1.0	42
57	Treatment Concepts for Wake-Up Stroke and Stroke With Unknown Time of Symptom Onset. Stroke, 2015, 46, 2707-2713.	1.0	40
58	Association Between Time From Stroke Onset and Fluid-Attenuated Inversion Recovery Lesion Intensity Is Modified by Status of Collateral Circulation. Stroke, 2016, 47, 1018-1022.	1.0	40
59	Thrombectomy in Extensive Stroke May Not Be Beneficial and Is Associated With Increased Risk for Hemorrhage. Stroke, 2021, 52, 3109-3117.	1.0	40
60	Increased sensory feedback in Tourette syndrome. NeuroImage, 2012, 63, 119-125.	2.1	39
61	Lowâ€Frequency Brain Oscillations Track Motor Recovery in Human Stroke. Annals of Neurology, 2019, 86, 853-865.	2.8	39
62	Clinical and Imaging Characteristics in Patients with SARS-CoV-2 Infection and Acute Intracranial Hemorrhage. Journal of Clinical Medicine, 2020, 9, 2543.	1.0	39
63	Multiclass Support Vector Machine-Based Lesion Mapping Predicts Functional Outcome in Ischemic Stroke Patients. PLoS ONE, 2015, 10, e0129569.	1.1	39
64	Cortical atrophy and transcallosal diaschisis following isolated subcortical stroke. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 611-621.	2.4	38
65	Silent Brain Infarctions and Leukoaraiosis in Patients With Retinal Ischemia. Stroke, 2017, 48, 1392-1396.	1.0	37
66	Validity of Acute Stroke Lesion Volume Estimation by Diffusion-Weighted Imagingâ€“Alberta Stroke Program Early Computed Tomographic Score Depends on Lesion Location in 496 Patients With Middle Cerebral Artery Stroke. Stroke, 2014, 45, 3583-3588.	1.0	36
67	Parietofrontal network upregulation after motor stroke. NeuroImage: Clinical, 2018, 18, 720-729.	1.4	36
68	Elevated early lesion water uptake in acute stroke predicts poor outcome despite successful recanalization â€“ When â€œtissue clockâ€•and â€œtime clockâ€•are desynchronized. International Journal of Stroke, 2021, 16, 863-872.	2.9	36
69	Dynamics of brain perfusion and cognitive performance in revascularization of carotid artery stenosis. NeuroImage: Clinical, 2019, 22, 101779.	1.4	36
70	Echoes from childhoodâ€”imitation in Gilles de la Tourette Syndrome. Movement Disorders, 2012, 27, 562-565.	2.2	35
71	Impact of standardized MONitoring for Detection of Atrial Fibrillation in Ischemic Stroke (MonDAFIS): Rationale and design of a prospective randomized multicenter study. American Heart Journal, 2016, 172, 19-25.	1.2	35
72	Visual and Region of Interestâ€“Based Inter-Rater Agreement in the Assessment of the Diffusion-Weighted Imagingâ€“ Fluid-Attenuated Inversion Recovery Mismatch. Stroke, 2014, 45, 1170-1172.	1.0	33

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73	Structural brain networks and functional motor outcome after strokeâ€"a prospective cohort study. Brain Communications, 2020, 2, fcaa001.	1.5	33
74	European Stroke Organisation (ESO) guidelines on the management of space-occupying brain infarction. European Stroke Journal, 2021, 6, XC-CX.	2.7	33
75	CT-perfusion stroke imaging: a threshold free probabilistic approach to predict infarct volume compared to traditional ischemic thresholds. Scientific Reports, 2017, 7, 6679.	1.6	32
76	Number of Retrieval Attempts Rather Than Procedure Time Is Associated With Risk of Symptomatic Intracranial Hemorrhage. Stroke, 2021, 52, 1580-1588.	1.0	32
77	Imaging-Based Outcome Prediction of Acute Intracerebral Hemorrhage. Translational Stroke Research, 2021, 12, 958-967.	2.3	31
78	Altered pattern of motor cortical activationâ€"inhibition during voluntary movements in Tourette syndrome. Movement Disorders, 2010, 25, 1960-1966.	2.2	30
79	Dynamics of Regional Distribution of Ischemic Lesions in Middle Cerebral Artery Trunk Occlusion Relates to Collateral Circulation. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 36-40.	2.4	30
80	Early infarct <scp>FLAIR</scp> hyperintensity is associated with increased hemorrhagic transformation after thrombolysis. European Journal of Neurology, 2013, 20, 281-285.	1.7	30
81	Stroke Lesion Segmentation in FLAIR MRI Datasets Using Customized Markov Random Fields. Frontiers in Neurology, 2019, 10, 541.	1.1	30
82	Sex Differences in Outcome After Thrombectomy for Acute Ischemic Stroke are Explained by Confounding Factors. Clinical Neuroradiology, 2021, 31, 1101-1109.	1.0	30
83	Stroke patients treated by thrombectomy in real life differ from cohorts of the clinical trials: a prospective observational study. BMC Neurology, 2020, 20, 81.	0.8	30
84	Vascular occlusion sites determine differences in lesion growth from early apparent diffusion coefficient lesion to final infarct. American Journal of Neuroradiology, 2005, 26, 1056-61.	1.2	30
85	Elevated T2-values in MRI of stroke patients shortly after symptom onset do not predict irreversible tissue infarction. Brain, 2012, 135, 1981-1989.	3.7	29
86	Mapping causal functional contributions derived from the clinical assessment of brain damage after stroke. NeuroImage: Clinical, 2015, 9, 83-94.	1.4	29
87	State of Acute Endovascular Therapy. Stroke, 2015, 46, 1727-1734.	1.0	29
88	Prediction of Infarction and Reperfusion in Stroke by Flow- and Volume-Weighted Collateral Signal in MR Angiography. American Journal of Neuroradiology, 2015, 36, 275-282.	1.2	29
89	IL-17 production by CSF lymphocytes as a biomarker for cerebral vasculitis. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e214.	3.1	29
90	Acute imaging for evidence-based treatment of ischemic stroke. Current Opinion in Neurology, 2019, 32, 521-529.	1.8	29

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91	Elevated blood glucose is associated with aggravated brain edema in acute stroke. Journal of Neurology, 2020, 267, 440-448.	1.8	29
92	Early clinical surrogates for outcome prediction after stroke thrombectomy in daily clinical practice. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1055-1059.	0.9	29
93	Network Localisation of White Matter Damage in Cerebral Small Vessel Disease. Scientific Reports, 2020, 10, 9210.	1.6	28
94	Imitation in patients with Gilles de la Tourette syndromeâ€"A behavioral study. Movement Disorders, 2010, 25, 991-999.	2.2	26
95	Cerebral Embolism during Carotid Artery Stenting: Role of Carotid Plaque Echolucency. Cerebrovascular Diseases, 2009, 27, 443-449.	0.8	25
96	Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts. Stroke, 2020, 51, 335-337.	1.0	25
97	Clinical Characteristics and Outcome of Patients With Hemorrhagic Transformation After Intravenous Thrombolysis in the WAKE-UP Trial. Frontiers in Neurology, 2020, 11, 957.	1.1	24
98	Different Mismatch Concepts for Magnetic Resonance Imagingâ€"Guided Thrombolysis in Unknown Onset Stroke. Annals of Neurology, 2020, 87, 931-938.	2.8	24
99	Older Age and Greater Carotid Intima-Media Thickness Predict Ischemic Events Associated with Carotid-Artery Stenting. Cerebrovascular Diseases, 2010, 30, 567-572.	0.8	23
100	Predictors of Periprocedural Brain Lesions Associated with Carotid Stenting. Cerebrovascular Diseases, 2012, 33, 30-36.	0.8	23
101	Reduced rich-club connectivity is related to disability in primary progressive MS. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e375.	3.1	23
102	Chronic oral infection: An emerging risk factor of cerebral small vessel disease. Oral Diseases, 2019, 25, 710-719.	1.5	23
103	Factors Associated with Failure of Reperfusion in Endovascular Therapy for Acute Ischemic Stroke. Clinical Neuroradiology, 2021, 31, 197-205.	1.0	22
104	Altered topology of large-scale structural brain networks in chronic stroke. Brain Communications, 2019, 1, fcz020.	1.5	21
105	Neuroradiologic Characteristics of Primary Angiitis of the Central Nervous System According to the Affected Vessel Size. Clinical Neuroradiology, 2019, 29, 37-44.	1.0	21
106	Emergency Conversion to General Anesthesia Is a Tolerable Risk in Patients Undergoing Mechanical Thrombectomy. American Journal of Neuroradiology, 2020, 41, 122-127.	1.2	21
107	Which Imaging Approach Should Be Used for Stroke of Unknown Time of Onset?. Stroke, 2021, 52, 373-380.	1.0	21
108	Prediction of Stroke Onset Is Improved by Relative Fluid-Attenuated Inversion Recovery and Perfusion Imaging Compared to the Visual Diffusion-Weighted Imaging/Fluid-Attenuated Inversion Recovery Mismatch. Stroke, 2016, 47, 2559-2564.	1.0	20

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109	Is There Full or Proportional Somatosensory Recovery in the Upper Limb After Stroke? Investigating Behavioral Outcome and Neural Correlates. Neurorehabilitation and Neural Repair, 2018, 32, 691-700.	1.4	20
110	White matter integrity and structural brain network topology in cerebral small vessel disease: The Hamburg city health study. Human Brain Mapping, 2021, 42, 1406-1415.	1.9	20
111	PRECIOUS: PREvention of Complications to Improve OUtcome in elderly patients with acute Stroke. Rationale and design of a randomised, open, phase III, clinical trial with blinded outcome assessment. European Stroke Journal, 2018, 3, 291-298.	2.7	19
112	Highest Lesion Growth Rates in Patients With Hyperacute Stroke. Stroke, 2019, 50, 189-192.	1.0	19
113	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. Neurology, 2022, 98, .	1.5	19
114	Increased beta rhythm as an indicator of inhibitory mechanisms in tourette syndrome. Movement Disorders, 2016, 31, 384-392.	2.2	18
115	Functional network connectivity is altered in patients with upper limb somatosensory impairments in the acute phase post stroke: A cross-sectional study. PLoS ONE, 2018, 13, e0205693.	1.1	18
116	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. Stroke, 2020, 51, 209-215.	1.0	18
117	Modeling the Optimal Transportation for Acute Stroke Treatment. Stroke, 2020, 51, 275-281.	1.0	18
118	Linking cortical atrophy to white matter hyperintensities of presumed vascular origin. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1682-1691.	2.4	18
119	Intracranial Stenting After Failed Thrombectomy in Patients With Moderately Severe Stroke: A Multicenter Cohort Study. Frontiers in Neurology, 2020, 11, 97.	1.1	18
120	Effect of informed consent on patient characteristics in a stroke thrombolysis trial. Neurology, 2017, 89, 1400-1407.	1.5	17
121	Relapse rates and long-term outcome in primary angiitis of the central nervous system. Journal of Neurology, 2019, 266, 1481-1489.	1.8	17
122	Clinical relevance of asymptomatic intracerebral hemorrhage post thrombectomy depends on angiographic collateral score. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1599-1607.	2.4	17
123	Decompressive craniectomy in malignant MCA infarction in times of mechanical thrombectomy. Acta Neurochirurgica, 2020, 162, 3147-3152.	0.9	17
124	Causes and Secondary Prevention of Acute Ischemic Stroke in Adults. Hamostaseologie, 2020, 40, 022-030.	0.9	17
125	Ischemic lesion water homeostasis after thrombectomy for large vessel occlusion stroke within the anterior circulation: The impact of age. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 45-52.	2.4	17
126	Assessment of Discrepancies Between Follow-up Infarct Volume and 90-Day Outcomes Among Patients With Ischemic Stroke Who Received Endovascular Therapy. JAMA Network Open, 2021, 4, e2132376.	2.8	17

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127	Carotid Plaque Surface Irregularity Predicts Cerebral Embolism during Carotid Artery Stenting. Cerebrovascular Diseases, 2011, 32, 163-169.	0.8	16
128	Association between the Perfusion/Diffusion and Diffusion/FLAIR Mismatch: Data from the AXIS2 Trial. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1681-1686.	2.4	16
129	Rheumatoid meningitis. Neurology: Clinical Practice, 2018, 8, 451-455.	0.8	16
130	New Interventional Stroke Trials. Clinical Neuroradiology, 2019, 29, 1-1.	1.0	16
131	Outcome evaluation by patient reported outcome measures in stroke clinical practice (EPOS) protocol for a prospective observation and implementation study. Neurological Research and Practice, 2019, 1, 28.	1.0	16
132	Recanalization is the Key for Better Outcome of Thrombectomy in Basilar Artery Occlusion. Clinical Neuroradiology, 2020, 30, 769-775.	1.0	16
133	Higher white matter hyperintensity lesion load is associated with reduced long-range functional connectivity. Brain Communications, 2020, 2, fcaa111.	1.5	16
134	Patient-reported, health-related, quality of life after stroke thrombectomy in clinical practice. Neurology, 2020, 95, e1724-e1732.	1.5	16
135	Technical considerations of multi-parametric tissue outcome prediction methods in acute ischemic stroke patients. Scientific Reports, 2019, 9, 13208.	1.6	16
136	Effect of Balloon Guide Catheter Utilization on the Incidence of Sub-angiographic Peripheral Emboli on High-Resolution DWI After Thrombectomy: A Prospective Observational Study. Frontiers in Neurology, 2020, 11, 386.	1.1	15
137	Incomplete or failed thrombectomy in acute stroke patients with Alberta Stroke Program Early Computed Tomography Score 0â€“5 â€“ how harmful is trying?. European Journal of Neurology, 2020, 27, 2031-2035.	1.7	15
138	Benefit and risk of intravenous alteplase in patients with acute large vessel occlusion stroke and low ASPECTS. Journal of NeuroInterventional Surgery, 2023, 15, 8-13.	2.0	15
139	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. Scientific Reports, 2022, 12, 1581.	1.6	15
140	Premotor-motor excitability is altered in dopa-responsive dystonia. Movement Disorders, 2015, 30, 1705-1709.	2.2	14
141	Cortical thickness and cognitive performance in asymptomatic unilateral carotid artery stenosis. BMC Cardiovascular Disorders, 2019, 19, 154.	0.7	14
142	Preserved structural connectivity mediates the clinical effect of thrombolysis in patients with anterior-circulation stroke. Nature Communications, 2021, 12, 2590.	5.8	14
143	A collaborative sequential meta-analysis of individual patient data from randomized trials of endovascular therapy and tPA vs. tPA alone for acute ischemic stroke: <u>T</u>h<u>R</u>omb<u>E</u>ctomy <u>A</u>nd <u>t</u>PA (TREAT) analysis: statistical analysis plan for a sequential meta-analysis performed within the VISTA-Endovascular collaboration. International Journal of Stroke, 2015, 10, 136-144.	2.9	13
144	Prefrontal-Premotor Pathways and Motor Output in Well-Recovered Stroke Patients. Frontiers in Neurology, 2019, 10, 105.	1.1	13

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145	Normalization of reduced functional connectivity after revascularization of asymptomatic carotid stenosis. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1838-1848.	2.4	13
146	Mindfulness Training Improves Cognition and Strengthens Intrinsic Connectivity Between the Hippocampus and Posteromedial Cortex in Healthy Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 702796.	1.7	13
147	Association of Extrapyramidal Tractsâ€™ Integrity With Performance in Fine Motor Skills After Stroke. Stroke, 2018, 49, 2928-2932.	1.0	12
148	Clinical Outcome of Isolated Cerebellar Strokeâ€"A Prospective Observational Study. Frontiers in Neurology, 2018, 9, 580.	1.1	12
149	Healthâ€related quality of life 90 days after stroke assessed by the International Consortium for Health Outcome Measurement standard set. European Journal of Neurology, 2020, 27, 2508-2516.	1.7	12
150	Expert opinion paper on cardiac imaging after ischemic stroke. Clinical Research in Cardiology, 2021, 110, 938-958.	1.5	12
151	Comprehensive analysis of early fractional anisotropy changes in acute ischemic stroke. PLoS ONE, 2017, 12, e0188318.	1.1	12
152	Diagnostic Value of Positron Emission Tomography Combined with Computed Tomography for Evaluating Critically Ill Neurological Patients. Frontiers in Neurology, 2017, 8, 33.	1.1	11
153	Acute reperfusion without recanalization: Serial assessment of collaterals within 6â€‰h of using perfusion-weighted magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 251-259.	2.4	11
154	Early TICIÂ2b or Late TICIÂ3â€"Is Perfect the Enemy of Good?. Clinical Neuroradiology, 2022, 32, 353-360.	1.0	11
155	Ischemic Lesion Water Uptake in Acute Stroke: Is Blood Glucose Related to Cause and Effect?. Journal of Stroke, 2019, 21, 347-349.	1.4	11
156	Free-water diffusion MRI detects structural alterations surrounding white matter hyperintensities in the early stage of cerebral small vessel disease. Journal of Cerebral Blood Flow and Metabolism, 2022, , 0271678X2210935.	2.4	11
157	Early versus Late initiation of direct oral Anticoagulants in post-ischaemic stroke patients with atrial fibrillatioN (ELAN): Protocol for an international, multicentre, randomised-controlled, two-arm, open, assessor-blinded trial. European Stroke Journal, 2022, 7, 487-495.	2.7	11
158	Impact of Severe Extracranial ICA Stenosis on MRI Perfusion and Diffusion Parameters in Acute Ischemic Stroke. Frontiers in Neurology, 2014, 5, 254.	1.1	10
159	Subjective and objective knowledge and decisional role preferences in cerebrovascular patients compared to controls. Patient Preference and Adherence, 2016, Volume 10, 1453-1460.	0.8	10
160	Stroke subtype classification by geometrical descriptors of lesion shape. PLoS ONE, 2017, 12, e0185063.	1.1	10
161	Prevalence of adult Pompe disease in patients with proximal myopathic syndrome and undiagnosed muscle biopsy. Neuromuscular Disorders, 2018, 28, 257-261.	0.3	10
162	A peek into premonitory urges in Tourette syndrome: Temporal evolution of neurophysiological oscillatory signatures. Parkinsonism and Related Disorders, 2019, 65, 153-158.	1.1	10

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163	Dynamics of Water Diffusion Changes in Different Tissue Compartments From Acute to Chronic Strokeâ€"A Serial Diffusion Tensor Imaging Study. Frontiers in Neurology, 2019, 10, 158.	1.1	10
164	Current Smoking Does Not Modify the Treatment Effect of Intravenous Thrombolysis in Acute Ischemic Stroke Patientsâ€"A Post-hoc Analysis of the WAKE-UP Trial. Frontiers in Neurology, 2019, 10, 1239.	1.1	10
165	Guanidino compound ratios are associated with stroke etiology, internal carotid artery stenosis and CHA2DS2-VASc score in three cross-sectional studies. Journal of the Neurological Sciences, 2019, 397, 156-161.	0.3	10
166	Indirect connectome-based prediction of post-stroke deficits: prospects and limitations. Brain, 2020, 143, 1966-1970.	3.7	10
167	Quantitative Lesion Water Uptake as Stroke Imaging Biomarker: A Tool for Treatment Selection in the Extended Time Window?. Stroke, 2022, 53, 201-209.	1.0	10
168	Sub-angiographic peripheral emboli in high resolution DWI after endovascular recanalization. Journal of Neurology, 2020, 267, 1401-1406.	1.8	10
169	OUP accepted manuscript. Cerebral Cortex, 2022, , .	1.6	10
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