

Timothy J Kleinig

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

10,228
citations

145106

33
h-index

40945

97
g-index

120
all docs

120
docs citations

120
times ranked

10305
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalized knowledge to reduce the risk of stroke (PERKS-International): Protocol for a randomized controlled trial. <i>International Journal of Stroke</i> , 2023, 18, 477-483.	2.9	0
2	Machine learning in the prediction of medical inpatient length of stay. <i>Internal Medicine Journal</i> , 2022, 52, 176-185.	0.5	26
3	Perspectives on rehabilitation for Aboriginal people with stroke: a qualitative study. <i>Topics in Stroke Rehabilitation</i> , 2022, 29, 295-309.	1.0	5
4	Risk of intracranial haemorrhage and ischaemic stroke after convexity subarachnoid haemorrhage in cerebral amyloid angiopathy: international individual patient data pooled analysis. <i>Journal of Neurology</i> , 2022, 269, 1427-1438.	1.8	9
5	Daily estimates of individual discharge likelihood with deep learning natural language processing in general medicine: a prospective and external validation study. <i>Internal and Emergency Medicine</i> , 2022, 17, 411-415.	1.0	6
6	Tranexamic acid for intracerebral haemorrhage within 2 hours of onset: protocol of a phase II randomised placebo-controlled double-blind multicentre trial. <i>Stroke and Vascular Neurology</i> , 2022, 7, 158-165.	1.5	12
7	Dural arteriovenous fistulas in cerebral venous thrombosis. <i>European Journal of Neurology</i> , 2022, 29, 761-770.	1.7	16
8	Prospective and external validation of stroke discharge planning machine learning models. <i>Journal of Clinical Neuroscience</i> , 2022, 96, 80-84.	0.8	3
9	Safety and Efficacy of Tenecteplase in Older Patients With Large Vessel Occlusion: A Pooled Analysis of the EXTEND-IA TNK Trials. <i>Neurology</i> , 2022, , 10.1212/WNL.0000000000013302.	1.5	8
10	Effect of the Coronavirus Disease 2019 Pandemic on the Quality of Stroke Care in Stroke Units and Alternative Wards: A National Comparative Analysis. <i>Journal of Stroke</i> , 2022, 24, 79-87.	1.4	3
11	Does tranexamic acid affect intraventricular hemorrhage growth in acute ICH? An analysis of the STOP-AUST trial. <i>European Stroke Journal</i> , 2022, 7, 15-19.	2.7	3
12	Reduced Severity of Tissue Injury Within the Infarct May Partially Mediate the Benefit of Reperfusion in Ischemic Stroke. <i>Stroke</i> , 2022, 53, 1915-1923.	1.0	5
13	TACTICS - Trial of Advanced CT Imaging and Combined Education Support for Drip and Ship: evaluating the effectiveness of an "implementation intervention"™ in providing better patient access to reperfusion therapies: protocol for a non-randomised controlled stepped wedge cluster trial in acute stroke. <i>BMJ Open</i> , 2022, 12, e055461.	0.8	2
14	Automated information extraction from free-text medical documents for stroke key performance indicators: a pilot study. <i>Internal Medicine Journal</i> , 2022, 52, 315-317.	0.5	4
15	Endovascular Therapy Versus Medical Therapy for Acute Stroke Attributable to Isolated Cervical Internal Carotid Artery Occlusion Without Intracranial Large Vessel Occlusion. , 2022, 2, .		2
16	Endovascular Thrombectomy Versus Medical Management in Isolated M2 Occlusions: Pooled Patient-Level Analysis from the EXTEND-IA Trials, INSPIRE, and SELECT Studies. <i>Annals of Neurology</i> , 2022, 91, 629-639.	2.8	17
17	FAST-T: "A Simple Test" "In TIA (transient ischaemic attack): a prospective cohort study to develop a multivariable prediction model for diagnosis of TIA through proteomic discovery and candidate lipid mass spectrometry, neuroimaging and machine learning" study protocol. <i>BMI Open</i> , 2022, 12, e045908.	0.8	0
18	Posterior National Institutes of Health Stroke Scale Improves Prognostic Accuracy in Posterior Circulation Stroke. <i>Stroke</i> , 2022, 53, 1247-1255.	1.0	36

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19	The Predictive Accuracy of the Delayed Spot Sign for Haematoma Expansion in Spontaneous Supratentorial Intracerebral Haemorrhage: A Systematic Review and Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106379.	0.7	1
20	Microvascular Dysfunction in Blood-Brain Barrier Disruption and Hypoperfusion Within the Infarct Posttreatment Are Associated With Cerebral Edema. <i>Stroke</i> , 2022, 53, 1597-1605.	1.0	42
21	Global Differences in Risk Factors, Etiology, and Outcome of Ischemic Stroke in Young Adults—A Worldwide Meta-analysis. <i>Neurology</i> , 2022, 98, .	1.5	28
22	The acute telestroke model of care in Australia: a potential roadmap for other emergency medical services?. <i>Medical Journal of Australia</i> , 2022, , .	0.8	2
23	Thrombectomy versus Medical Management in Mild Strokes due to Large Vessel Occlusion: Exploratory Analysis from the EXTEND-4 Trials and a Pooled International Cohort. <i>Annals of Neurology</i> , 2022, 92, 364-378.	2.8	14
24	Endovascular thrombectomy versus standard bridging thrombolytic with endovascular thrombectomy within 4.5 h of stroke onset: an open-label, blinded-endpoint, randomised non-inferiority trial. <i>Lancet, The</i> , 2022, 400, 116-125.	6.3	114
25	Meta-Analysis Comparing the Frequency of Carotid Artery Stenosis in Patients With Atrial Fibrillation and Vice Versa. <i>American Journal of Cardiology</i> , 2021, 138, 72-79.	0.7	11
26	Utility of Severity-Based Prehospital Triage for Endovascular Thrombectomy. <i>Stroke</i> , 2021, 52, 70-79.	1.0	17
27	Association of Reperfusion After Thrombolysis With Clinical Outcome Across the 4.5- to 9-Hours and Wake-up Stroke Time Window. <i>JAMA Neurology</i> , 2021, 78, 236.	4.5	12
28	COVID-19 Pandemic Impact on Care for Stroke in Australia: Emerging Evidence From the Australian Stroke Clinical Registry. <i>Frontiers in Neurology</i> , 2021, 12, 621495.	1.1	10
29	Global impact of COVID-19 on stroke care. <i>International Journal of Stroke</i> , 2021, 16, 573-584.	2.9	104
30	Machine Learning Quantitation of Cardiovascular and Cerebrovascular Disease: A Systematic Review of Clinical Applications. <i>Diagnostics</i> , 2021, 11, 551.	1.3	9
31	Mixed-data deep learning in repeated predictions of general medicine length of stay: a derivation study. <i>Internal and Emergency Medicine</i> , 2021, 16, 1613-1617.	1.0	12
32	The Incidence of Stroke in Indigenous Populations of Countries With a Very High Human Development Index: A Systematic Review Protocol. <i>Frontiers in Neurology</i> , 2021, 12, 661570.	1.1	4
33	SELECTION criteria for large core trials: dogma or data?. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 500-504.	2.0	17
34	Association between pre-treatment perfusion profile and cerebral edema after reperfusion therapies in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2887-2896.	2.4	9
35	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. <i>JAMA Neurology</i> , 2021, 78, 709.	4.5	30
36	Rhythm monitoring strategies for atrial fibrillation detection in patients with cryptogenic stroke: A systematic review and meta-analysis. <i>IJC Heart and Vasculature</i> , 2021, 34, 100780.	0.6	16

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37	A meta-analysis of clinical risk factors for stroke in anticoagulant-naïve patients with atrial fibrillation. <i>Europace</i> , 2021, 23, 1528-1538.	0.7	13
38	Cerebral microbleed distribution following cardiac surgery can mimic cerebral amyloid angiopathy. <i>BMJ Neurology Open</i> , 2021, 3, e000166.	0.7	4
39	Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccine-Induced Immune Thrombotic Thrombocytopenia. <i>JAMA Neurology</i> , 2021, 78, 1314.	4.5	89
40	Improving the accuracy of stroke clinical coding with open-source software and natural language processing. <i>Journal of Clinical Neuroscience</i> , 2021, 94, 233-236.	0.8	1
41	Real-World Cost-Effectiveness of Late Time Window Thrombectomy for Patients With Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 780894.	1.1	4
42	Deep Learning in the Prediction of Ischaemic Stroke Thrombolysis Functional Outcomes. <i>Academic Radiology</i> , 2020, 27, e19-e23.	1.3	65
43	Determining the optimal dose of tenecteplase before endovascular therapy for ischemic stroke (EXTEND-IA TNK Part 2): A multicenter, randomized, controlled study. <i>International Journal of Stroke</i> , 2020, 15, 567-572.	2.9	12
44	Misconceptions regarding the adequacy of best medical intervention alone for asymptomatic carotid stenosis. <i>Journal of Vascular Surgery</i> , 2020, 71, 257-269.	0.6	50
45	Prediction of general medical admission length of stay with natural language processing and deep learning: a pilot study. <i>Internal and Emergency Medicine</i> , 2020, 15, 989-995.	1.0	28
46	Cost-Effectiveness of Tenecteplase Before Thrombectomy for Ischemic Stroke. <i>Stroke</i> , 2020, 51, 3681-3689.	1.0	31
47	Plasmin Generation Potential and Recanalization in Acute Ischaemic Stroke; an Observational Cohort Study of Stroke Biobank Samples. <i>Frontiers in Neurology</i> , 2020, 11, 589628.	1.1	4
48	Acute symptomatic seizures in cerebral venous thrombosis. <i>Neurology</i> , 2020, 95, e1706-e1715.	1.5	42
49	Tranexamic acid in patients with intracerebral haemorrhage (STOP-AUST): a multicentre, randomised, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , The, 2020, 19, 980-987.	4.9	70
50	Reduced Impact of Endovascular Thrombectomy on Disability in Real-World Practice, Relative to Randomized Controlled Trial Evidence in Australia. <i>Frontiers in Neurology</i> , 2020, 11, 593238.	1.1	5
51	An International Report on the Adaptations of Rapid Transient Ischaemic Attack Pathways During the COVID-19 Pandemic. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105228.	0.7	4
52	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. <i>Lancet</i> , The, 2020, 396, 1574-1584.	6.3	107
53	Permeability Measures Predict Hemorrhagic Transformation after Ischemic Stroke. <i>Annals of Neurology</i> , 2020, 88, 466-476.	2.8	20
54	Antithrombotic Treatment of Embolic Stroke of Undetermined Source. <i>Stroke</i> , 2020, 51, 1758-1765.	1.0	23

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55	Dabigatran Reversal Before Intravenous Tenecteplase in Acute Ischemic Stroke. <i>Stroke</i> , 2020, 51, 1616-1619.	1.0	19
56	Reply. <i>Journal of Vascular Surgery</i> , 2020, 72, 384-385.	0.6	0
57	Effect of Intravenous Tenecteplase Dose on Cerebral Reperfusion Before Thrombectomy in Patients With Large Vessel Occlusion Ischemic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1257.	3.8	168
58	Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. <i>Lancet, The</i> , 2020, 395, 878-887.	6.3	400
59	Stroke unit legislationâ€”Mandating a uniform standard of care?. <i>International Journal of Stroke</i> , 2020, 15, NP6-NP7.	2.9	1
60	Developing a multivariable prediction model for functional outcome after reperfusion therapy for acute ischaemic stroke: study protocol for the Targeting Optimal Thrombolysis Outcomes (TOTO) multicentre cohort study. <i>BMJ Open</i> , 2020, 10, e038180.	0.8	3
61	What Is the â€œOptimalâ€ Target Mismatch Criteria for Acute Ischemic Stroke?. <i>Frontiers in Neurology</i> , 2020, 11, 590766.	1.1	4
62	Stroke prognostication for discharge planning with machine learning: A derivation study. <i>Journal of Clinical Neuroscience</i> , 2020, 79, 100-103.	0.8	19
63	Stroke incidence and subtypes in Aboriginal people in remote Australia: a healthcare network population-based study. <i>BMJ Open</i> , 2020, 10, e039533.	0.8	12
64	Rectifying the misconceptions about current best management of asymptomatic carotid stenosis is not about revising history. <i>Journal of Vascular Surgery</i> , 2020, 72, 765-767.	0.6	0
65	Paediatric acute lymphoblastic leukaemia causing acute leukaemic occlusion of the proximal middle cerebral artery: Treatment with endovascular thrombectomy. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 336-338.	0.8	3
66	Extending thrombolysis to 4.5â€“9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , 2019, 394, 139-147.	6.3	321
67	Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke. <i>New England Journal of Medicine</i> , 2019, 380, 1795-1803.	13.9	653
68	Response to Late-Window Endovascular Revascularization Is Associated With Collateral Status in Basilar Artery Occlusion. <i>Stroke</i> , 2019, 50, 1415-1422.	1.0	40
69	Influence of occlusion site and baseline ischemic core on outcome in patients with ischemic stroke. <i>Neurology</i> , 2019, 92, e2626-e2643.	1.5	36
70	Global Outcome Assessment Life-long after stroke in young adults initiativeâ€”the GOAL initiative: study protocol and rationale of a multicentre retrospective individual patient data meta-analysis. <i>BMJ Open</i> , 2019, 9, e031144.	0.8	7
71	Deep Learning Natural Language Processing Successfully Predicts the Cerebrovascular Cause of Transient Ischemic Attack-Like Presentations. <i>Stroke</i> , 2019, 50, 758-760.	1.0	44
72	Postpartum Period Is a Risk Factor for Cerebral Venous Thrombosis. <i>Stroke</i> , 2019, 50, 501-503.	1.0	39

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73	Cerebral blood volume lesion extent predicts functional outcome in patients with vertebral and basilar artery occlusion. <i>International Journal of Stroke</i> , 2019, 14, 540-547.	2.9	25
74	Correction for Delay and Dispersion Results in More Accurate Cerebral Blood Flow Ischemic Core Measurement in Acute Stroke. <i>Stroke</i> , 2018, 49, 924-930.	1.0	44
75	Tenecteplase versus Alteplase before Thrombectomy for Ischemic Stroke. <i>New England Journal of Medicine</i> , 2018, 378, 1573-1582.	13.9	538
76	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. <i>International Journal of Stroke</i> , 2018, 13, 328-334.	2.9	58
77	Cerebral Venous Thrombosis in Older Patients. <i>Stroke</i> , 2018, 49, 197-200.	1.0	33
78	Icatibant as a Potential Treatment of Life-Threatening Alteplase-Induced Angioedema. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, e36-e37.	0.7	18
79	Blackâ€blood magnetic resonance imaging demonstrates varicella zoster vasculitis. <i>Internal Medicine Journal</i> , 2018, 48, 1408-1410.	0.5	4
80	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2018, 17, 895-904.	4.9	281
81	Excess stroke incidence in young Aboriginal people in South Australia: Pooled results from two population-based studies. <i>International Journal of Stroke</i> , 2018, 13, 811-814.	2.9	23
82	Intravenous Thrombolysis May Not Improve Clinical Outcome of Acute Ischemic Stroke Patients Without a Baseline Vessel Occlusion. <i>Frontiers in Neurology</i> , 2018, 9, 405.	1.1	4
83	Ischaemic stroke may symptomatically manifest as migraine aura. <i>Journal of Clinical Neuroscience</i> , 2018, 55, 62-64.	0.8	18
84	011â€...Ex-vivo generation of plasmin from patients with acute ischaemic stroke is predictive of successful thrombolysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, A6.1-A6.	0.9	0
85	Transient Ischaemic Attack Rarely Precedes Stroke in a Cohort with Low Proportions of Large Artery Atherosclerosis: A Population-Based Study. <i>Cerebrovascular Diseases Extra</i> , 2018, 8, 101-105.	0.5	2
86	Influence of Penumbra Reperfusion on Clinical Outcome Depends on Baseline Ischemic Core Volume. <i>Stroke</i> , 2017, 48, 2739-2745.	1.0	19
87	Reversible hemispheric hypoperfusion in two cases of SMART syndrome. <i>Journal of Clinical Neuroscience</i> , 2017, 43, 146-148.	0.8	17
88	Antihypertensive treatment should be commenced in hospital after stroke: Pro. <i>International Journal of Stroke</i> , 2017, 12, 121-122.	2.9	3
89	Endovascular Thrombectomy for Ischemic Stroke Increases Disability-Free Survival, Quality of Life, and Life Expectancy and Reduces Cost. <i>Frontiers in Neurology</i> , 2017, 8, 657.	1.1	53
90	Cerebral Venous Sinus Thrombosis Incidence Is Higher Than Previously Thought. <i>Stroke</i> , 2016, 47, 2180-2182.	1.0	254

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91	Hemiplegic Shoulder Pain Reduces Quality of Life After Acute Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016, 95, 758-763.	0.7	47
92	Determining the Number of Ischemic Strokes Potentially Eligible for Endovascular Thrombectomy. <i>Stroke</i> , 2016, 47, 1377-1380.	1.0	116
93	Significant Increase in Thrombolysis Therapy Rates for Stroke in South Australia. <i>International Journal of Stroke</i> , 2015, 10, E49-E49.	2.9	2
94	Complete Reversibility of a "Malignant Profile"™ Left MCA Territory Stroke. <i>International Journal of Stroke</i> , 2015, 10, E46-E46.	2.9	1
95	Endovascular Therapy for Ischemic Stroke with Perfusion-Imaging Selection. <i>New England Journal of Medicine</i> , 2015, 372, 1009-1018.	13.9	4,778
96	Incidence and Associations of Hemiplegic Shoulder Pain Poststroke: Prospective Population-Based Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 241-247.e1.	0.5	72
97	A Multicenter, Randomized, Controlled Study to Investigate Extending the Time for Thrombolysis in Emergency Neurological Deficits with Intra-Arterial Therapy (EXTEND-IA). <i>International Journal of Stroke</i> , 2014, 9, 126-132.	2.9	151
98	The Spot Sign and Tranexamic Acid on Preventing ICH Growth " AUstralasia Trial (STOP-AUST): Protocol of a Phase II Randomized, Placebo-Controlled, Double-Blind, Multicenter Trial. <i>International Journal of Stroke</i> , 2014, 9, 519-524.	2.9	62
99	INTERACT2: A Reason for Optimism with Spontaneous Intracerebral Hemorrhage?. <i>International Journal of Stroke</i> , 2014, 9, 59-60.	2.9	6
100	Clinical Associations and Causes of Convexity Subarachnoid Hemorrhage. <i>Stroke</i> , 2014, 45, 1151-1153.	1.0	72
101	Verapamil-responsive coital cephalalgia as reversible cerebral vasoconstriction prodrome. <i>Journal of Neurology</i> , 2014, 261, 1641-1643.	1.8	2
102	Associations and implications of cerebral microbleeds. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 919-927.	0.8	18
103	Comparison between the formula $\frac{1}{2}ABC$ and $\frac{2}{3}Sh$ in intracerebral parenchyma hemorrhage. <i>Neurological Research</i> , 2013, 35, 382-388.	0.6	9
104	Adelaide Stroke Incidence Study. <i>Stroke</i> , 2013, 44, 1226-1231.	1.0	125
105	Why Calls for More Routine Carotid Stenting Are Currently Inappropriate. <i>Stroke</i> , 2013, 44, 1186-1190.	1.0	46
106	Early recognition of anti-N-methyl D-aspartate (NMDA) receptor encephalitis presenting as acute psychosis. <i>Australasian Psychiatry</i> , 2013, 21, 596-599.	0.4	13
107	Why the United States Center for Medicare and Medicaid Services should not extend reimbursement indications for carotid artery angioplasty/stenting. <i>Vascular</i> , 2012, 20, 1-7.	0.4	2
108	Why the US Center for Medicare and Medicaid Services Should Not Extend Reimbursement Indications for Carotid Artery Angioplasty/Stenting. <i>Angiology</i> , 2012, 63, 639-644.	0.8	4

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109	Case 34-2011: A Man with Memory Loss and Partial Seizures. <i>New England Journal of Medicine</i> , 2012, 366, 768-769.	13.9	0
110	Automatic Nonsubjective Estimation of Antigen Content Visualized by Immunohistochemistry Using Color Deconvolution. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2012, 20, 82-90.	0.6	56
111	Why the United States Center for Medicare and Medicaid Services (CMS) should not extend reimbursement indications for carotid artery angioplasty/stenting. <i>Brain and Behavior</i> , 2012, 2, 200-207.	1.0	4
112	One GP's take on neurology. <i>Medical Journal of Australia</i> , 2012, 197, 120-120.	0.8	0
113	Back pain and leg weakness. <i>Medical Journal of Australia</i> , 2011, 195, 454-457.	0.8	6
114	Reference genes for normalising gene expression data in collagenase-induced rat intracerebral haemorrhage. <i>BMC Molecular Biology</i> , 2010, 11, 7.	3.0	20
115	Elevated serum concentrations of troponin T in acute stroke: What do they mean?. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 69-73.	0.8	11
116	Stroke prevention and stroke thrombolysis: quantifying the potential benefits of best practice therapies. <i>Medical Journal of Australia</i> , 2009, 190, 678-682.	0.8	4
117	Hemoglobin crystals: A pro-inflammatory potential confounder of rat experimental intracerebral hemorrhage. <i>Brain Research</i> , 2009, 1287, 164-172.	1.1	19
118	Suppression of inflammation in ischemic and hemorrhagic stroke: therapeutic options. <i>Current Opinion in Neurology</i> , 2009, 22, 294-301.	1.8	119
119	The distinctive movement disorder of ovarian teratoma-associated encephalitis. <i>Movement Disorders</i> , 2008, 23, 1256-1261.	2.2	115
120	Cardio-embolic cerebellar stroke secondary to mitral valve chordae rupture as a delayed complication of a high-voltage electrical injury. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 210-212.	0.8	4