Timothy J Kleinig

List of Publications by Year
in descending order

120	10,228	126907	36028
papers	citations	33 h-index	97 g-index

120	120	120	9747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Personalized knowledge to reduce the risk of stroke (PERKS-International): Protocol for a randomized controlled trial. International Journal of Stroke, 2023, 18, 477-483.	5.9	0
2	Machine learning in the prediction of medical inpatient length of stay. Internal Medicine Journal, 2022, 52, 176-185.	0.8	26
3	Perspectives on rehabilitation for Aboriginal people with stroke: a qualitative study. Topics in Stroke Rehabilitation, 2022, 29, 295-309.	1.9	5
4	Risk of intracranial haemorrhage and ischaemic stroke after convexity subarachnoid haemorrhage in cerebral amyloid angiopathy: international individual patient data pooled analysis. Journal of Neurology, 2022, 269, 1427-1438.	3.6	9
5	Daily estimates of individual discharge likelihood with deep learning natural language processing in general medicine: a prospective and external validation study. Internal and Emergency Medicine, 2022, 17, 411-415.	2.0	6
6	Tranexamic acid for intracerebral haemorrhage within 2 hours of onset: protocol of a phase II randomised placebo-controlled double-blind multicentre trial. Stroke and Vascular Neurology, 2022, 7, 158-165.	3.3	12
7	Dural arteriovenous fistulas in cerebral venous thrombosis. European Journal of Neurology, 2022, 29, 761-770.	3.3	16
8	Prospective and external validation of stroke discharge planning machine learning models. Journal of Clinical Neuroscience, 2022, 96, 80-84.	1.5	3
9	Safety and Efficacy of Tenecteplase in Older Patients With Large Vessel Occlusion: A Pooled Analysis of the EXTEND-IA TNK Trials. Neurology, 2022, , 10.1212/WNL.0000000000013302.	1.1	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. Journal of Stroke, 2022, 24, 79-87.	3.2	3
11	Does tranexamic acid affect intraventricular hemorrhage growth in acute ICH? An analysis of the STOP-AUST trial. European Stroke Journal, 2022, 7, 15-19.	5.5	3
12	Reduced Severity of Tissue Injury Within the Infarct May Partially Mediate the Benefit of Reperfusion in Ischemic Stroke. Stroke, 2022, 53, 1915-1923.	2.0	5
13	TACTICS - Trial of Advanced CT Imaging and Combined Education Support for Drip and Ship: evaluating the effectiveness of an â€˜implementation interventionâ€™ in providing better patient access to reperfusion therapies: protocol for a non-randomised controlled stepped wedge cluster trial in acute stroke. BMJ Open, 2022, 12, e055461.	1.9	2
14	Automated information extraction from freeâ€text medical documents for stroke key performance indicators: a pilot study. Internal Medicine Journal, 2022, 52, 315-317.	0.8	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 <scp>M2</scp> Occlusions: Pooled <scp>Patientâ€Level</scp> Analysis from the <scp>EXTENDâ€IA</scp> Trials, <scp>INSPIRE</scp>, and <scp>SELECT</scp> Studies. Annals of Neurology, 2022, 91, 629-639.	5.3	17
17	FAST-IT: Find A Simple Test â€” 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 learningâ€”study protocol. BMJ Open, 2022, 12, e045908.	1.9	0
18	Posterior National Institutes of Health Stroke Scale Improves Prognostic Accuracy in Posterior Circulation Stroke. Stroke, 2022, 53, 1247-1255.	2.0	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. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106379.	1.6	1
20	Microvascular Dysfunction in Blood-Brain Barrier Disruption and Hypoperfusion Within the Infarct Posttreatment Are Associated With Cerebral Edema. Stroke, 2022, 53, 1597-1605.	2.0	42
21	Global Differences in Risk Factors, Etiology, and Outcome of Ischemic Stroke in Young Adultsâ€"A Worldwide Meta-analysis. Neurology, 2022, 98, .	1.1	28
22	The acute telestroke model of care in Australia: a potential roadmap for other emergency medical services?. Medical Journal of Australia, 2022, , .	1.7	2
23	Thrombectomy versus Medical Management in Mild Strokes due to Large Vessel Occlusion: Exploratory Analysis from the EXTENDâ€IA Trials and a Pooled International Cohort. Annals of Neurology, 2022, 92, 364-378.	5.3	14
24	Endovascular thrombectomy versus standard bridging thrombolytic with endovascular thrombectomy within 4Â·5 h of stroke onset: an open-label, blinded-endpoint, randomised non-inferiority trial. Lancet, The, 2022, 400, 116-125.	13.7	114
25	Meta-Analysis Comparing the Frequency of Carotid Artery Stenosis in Patients With Atrial Fibrillation and Vice Versa. American Journal of Cardiology, 2021, 138, 72-79.	1.6	11
26	Utility of Severity-Based Prehospital Triage for Endovascular Thrombectomy. Stroke, 2021, 52, 70-79.	2.0	17
27	Association of Reperfusion After Thrombolysis With Clinical Outcome Across the 4.5- to 9-Hours and Wake-up Stroke Time Window. JAMA Neurology, 2021, 78, 236.	9.0	12
28	COVID-19 Pandemic Impact on Care for Stroke in Australia: Emerging Evidence From the Australian Stroke Clinical Registry. Frontiers in Neurology, 2021, 12, 621495.	2.4	10
29	Global impact of COVID-19 on stroke care. International Journal of Stroke, 2021, 16, 573-584.	5.9	104
30	Machine Learning Quantitation of Cardiovascular and Cerebrovascular Disease: A Systematic Review of Clinical Applications. Diagnostics, 2021, 11, 551.	2.6	9
31	Mixed-data deep learning in repeated predictions of general medicine length of stay: a derivation study. Internal and Emergency Medicine, 2021, 16, 1613-1617.	2.0	12
32	The Incidence of Stroke in Indigenous Populations of Countries With a Very High Human Development Index: A Systematic Review Protocol. Frontiers in Neurology, 2021, 12, 661570.	2.4	4
33	SELECTion criteria for large core trials: dogma or data?. Journal of NeuroInterventional Surgery, 2021, 13, 500-504.	3.3	17
34	Association between pre-treatment perfusion profile and cerebral edema after reperfusion therapies in ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2887-2896.	4.3	9
35	Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. JAMA Neurology, 2021, 78, 709.	9.0	30
36	Rhythm monitoring strategies for atrial fibrillation detection in patients with cryptogenic stroke: A systematic review and meta-analysis. IJC Heart and Vasculature, 2021, 34, 100780.	1.1	16

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37	A meta-analysis of clinical risk factors for stroke in anticoagulant-naÃ¯ve patients with atrial fibrillation. Europace, 2021, 23, 1528-1538.	1.7	13
38	Cerebral microbleed distribution following cardiac surgery can mimic cerebral amyloid angiopathy. BMJ Neurology Open, 2021, 3, e000166.	1.6	4
39	Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccineâ€"Induced Immune Thrombotic Thrombocytopenia. JAMA Neurology, 2021, 78, 1314.	9.0	89
40	Improving the accuracy of stroke clinical coding with open-source software and natural language processing. Journal of Clinical Neuroscience, 2021, 94, 233-236.	1.5	1
41	Real-World Cost-Effectiveness of Late Time Window Thrombectomy for Patients With Ischemic Stroke. Frontiers in Neurology, 2021, 12, 780894.	2.4	4
42	Deep Learning in the Prediction of Ischaemic Stroke Thrombolysis Functional Outcomes. Academic Radiology, 2020, 27, e19-e23.	2.5	65
43	Determining the optimal dose of tenecteplase before endovascular therapy for ischemic stroke (EXTEND-IA TNK Part 2): A multicenter, randomized, controlled study. International Journal of Stroke, 2020, 15, 567-572.	5.9	12
44	Misconceptions regarding the adequacy of best medical intervention alone for asymptomatic carotid stenosis. Journal of Vascular Surgery, 2020, 71, 257-269.	1.1	50
45	Prediction of general medical admission length of stay with natural language processing and deep learning: a pilot study. Internal and Emergency Medicine, 2020, 15, 989-995.	2.0	28
46	Cost-Effectiveness of Tenecteplase Before Thrombectomy for Ischemic Stroke. Stroke, 2020, 51, 3681-3689.	2.0	31
47	Plasmin Generation Potential and Recanalization in Acute Ischaemic Stroke; an Observational Cohort Study of Stroke Biobank Samples. Frontiers in Neurology, 2020, 11, 589628.	2.4	4
48	Acute symptomatic seizures in cerebral venous thrombosis. Neurology, 2020, 95, e1706-e1715.	1.1	42
49	Tranexamic acid in patients with intracerebral haemorrhage (STOP-AUST): a multicentre, randomised, placebo-controlled, phase 2 trial. Lancet Neurology, The, 2020, 19, 980-987.	10.2	70
50	Reduced Impact of Endovascular Thrombectomy on Disability in Real-World Practice, Relative to Randomized Controlled Trial Evidence in Australia. Frontiers in Neurology, 2020, 11, 593238.	2.4	5
51	An International Report on the Adaptations of Rapid Transient Ischaemic Attack Pathways During the COVID-19 Pandemic. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105228.	1.6	4
52	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.	13.7	107
53	Permeability Measures Predict Hemorrhagic Transformation after Ischemic Stroke. Annals of Neurology, 2020, 88, 466-476.	5.3	20
54	Antithrombotic Treatment of Embolic Stroke of Undetermined Source. Stroke, 2020, 51, 1758-1765.	2.0	23

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55	Dabigatran Reversal Before Intravenous Tenecteplase in Acute Ischemic Stroke. Stroke, 2020, 51, 1616-1619.	2.0	19
56	Reply. Journal of Vascular Surgery, 2020, 72, 384-385.	1.1	0
57	Effect of Intravenous Tenecteplase Dose on Cerebral Reperfusion Before Thrombectomy in Patients With Large Vessel Occlusion Ischemic Stroke. JAMA - Journal of the American Medical Association, 2020, 323, 1257.	7.4	168
58	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.	13.7	400
59	Stroke unit legislationâ€"Mandating a uniform standard of care?. International Journal of Stroke, 2020, 15, NP6-NP7.	5.9	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. BMJ Open, 2020, 10, e038180.	1.9	3
61	What Is the â€œOptimalâ€•Target Mismatch Criteria for Acute Ischemic Stroke?. Frontiers in Neurology, 2020, 11, 590766.	2.4	4
62	Stroke prognostication for discharge planning with machine learning: A derivation study. Journal of Clinical Neuroscience, 2020, 79, 100-103.	1.5	19
63	Stroke incidence and subtypes in Aboriginal people in remote Australia: a healthcare network population-based study. BMJ Open, 2020, 10, e039533.	1.9	12
64	Rectifying the misconceptions about current best management of asymptomatic carotid stenosis is not about revising history. Journal of Vascular Surgery, 2020, 72, 765-767.	1.1	0
65	Paediatric acute lymphoblastic leukaemia causing acute leukaemic occlusion of the proximal middle cerebral artery: Treatment with endovascular thrombectomy. Journal of Clinical Neuroscience, 2019, 68, 336-338.	1.5	3
66	Extending thrombolysis to 4Â·5â€“9 h and wake-up stroke using perfusion imaging: a systematic review and meta-analysis of individual patient data. Lancet, The, 2019, 394, 139-147.	13.7	321
67	Thrombolysis Guided by Perfusion Imaging up to 9 Hours after Onset of Stroke. New England Journal of Medicine, 2019, 380, 1795-1803.	27.0	653
68	Response to Late-Window Endovascular Revascularization Is Associated With Collateral Status in Basilar Artery Occlusion. Stroke, 2019, 50, 1415-1422.	2.0	40
69	Influence of occlusion site and baseline ischemic core on outcome in patients with ischemic stroke. Neurology, 2019, 92, e2626-e2643.	1.1	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. BMJ Open, 2019, 9, e031144.	1.9	7
71	Deep Learning Natural Language Processing Successfully Predicts the Cerebrovascular Cause of Transient Ischemic Attack-Like Presentations. Stroke, 2019, 50, 758-760.	2.0	44
72	Postpartum Period Is a Risk Factor for Cerebral Venous Thrombosis. Stroke, 2019, 50, 501-503.	2.0	39

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73	Cerebral blood volume lesion extent predicts functional outcome in patients with vertebral and basilar artery occlusion. International Journal of Stroke, 2019, 14, 540-547.	5.9	25
74	Correction for Delay and Dispersion Results in More Accurate Cerebral Blood Flow Ischemic Core Measurement in Acute Stroke. Stroke, 2018, 49, 924-930.	2.0	44
75	Tenecteplase versus Alteplase before Thrombectomy for Ischemic Stroke. New England Journal of Medicine, 2018, 378, 1573-1582.	27.0	538
76	Tenecteplase versus alteplase before endovascular thrombectomy (EXTEND-IA TNK): A multicenter, randomized, controlled study. International Journal of Stroke, 2018, 13, 328-334.	5.9	58
77	Cerebral Venous Thrombosis in Older Patients. Stroke, 2018, 49, 197-200.	2.0	33
78	Icatibant as a Potential Treatment of Life-Threatening Alteplase-Induced Angioedema. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, e36-e37.	1.6	18
79	Blackâ€blood magnetic resonance imaging demonstrates varicella zoster vasculitis. Internal Medicine Journal, 2018, 48, 1408-1410.	0.8	4
80	Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. Lancet Neurology, The, 2018, 17, 895-904.	10.2	281
81	Excess stroke incidence in young Aboriginal people in South Australia: Pooled results from two population-based studies. International Journal of Stroke, 2018, 13, 811-814.	5.9	23
82	Intravenous Thrombolysis May Not Improve Clinical Outcome of Acute Ischemic Stroke Patients Without a Baseline Vessel Occlusion. Frontiers in Neurology, 2018, 9, 405.	2.4	4
83	Ischaemic stroke may symptomatically manifest as migraine aura. Journal of Clinical Neuroscience, 2018, 55, 62-64.	1.5	18
84	011â€...Ex-vivo generation of plasmin from patients with acute ischaemic stroke is predictive of successful thrombolysis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A6.1-A6.	1.9	0
85	Transient Ischaemic Attack Rarely Precedes Stroke in a Cohort with Low Proportions of Large Artery Atherosclerosis: A Population-Based Study. Cerebrovascular Diseases Extra, 2018, 8, 101-105.	1.5	2
86	Influence of Penumbral Reperfusion on Clinical Outcome Depends on Baseline Ischemic Core Volume. Stroke, 2017, 48, 2739-2745.	2.0	19
87	Reversible hemispheric hypoperfusion in two cases of SMART syndrome. Journal of Clinical Neuroscience, 2017, 43, 146-148.	1.5	17
88	Antihypertensive treatment should be commenced in hospital after stroke: Pro. International Journal of Stroke, 2017, 12, 121-122.	5.9	3
89	Endovascular Thrombectomy for Ischemic Stroke Increases Disability-Free Survival, Quality of Life, and Life Expectancy and Reduces Cost. Frontiers in Neurology, 2017, 8, 657.	2.4	53
90	Cerebral Venous Sinus Thrombosis Incidence Is Higher Than Previously Thought. Stroke, 2016, 47, 2180-2182.	2.0	254

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91	Hemiplegic Shoulder Pain Reduces Quality of Life After Acute Stroke. American Journal of Physical Medicine and Rehabilitation, 2016, 95, 758-763.	1.4	47
92	Determining the Number of Ischemic Strokes Potentially Eligible for Endovascular Thrombectomy. Stroke, 2016, 47, 1377-1380.	2.0	116
93	Significant Increase in Thrombolysis Therapy Rates for Stroke in South Australia. International Journal of Stroke, 2015, 10, E49-E49.	5.9	2
94	Complete Reversibility of a â€˜Malignant Profileâ€™ Left MCA Territory Stroke. International Journal of Stroke, 2015, 10, E46-E46.	5.9	1
95	Endovascular Therapy for Ischemic Stroke with Perfusion-Imaging Selection. New England Journal of Medicine, 2015, 372, 1009-1018.	27.0	4,778
96	Incidence and Associations of Hemiplegic ShoulderÂPain Poststroke: Prospective Population-Based Study. Archives of Physical Medicine and Rehabilitation, 2015, 96, 241-247.e1.	0.9	72
97	A Multicenter, Randomized, Controlled Study to Investigate Extending the Time for Thrombolysis in Emergency Neurological Deficits with Intra-Arterial Therapy (EXTEND-IA). International Journal of Stroke, 2014, 9, 126-132.	5.9	151
98	The Spot Sign and Tranexamic Acid on Preventing ICH Growth â€“ AUStralasia Trial (STOP-AUST): Protocol of a Phase II Randomized, Placebo-Controlled, Double-Blind, Multicenter Trial. International Journal of Stroke, 2014, 9, 519-524.	5.9	62
99	INTERACT2: A Reason for Optimism with Spontaneous Intracerebral Hemorrhage?. International Journal of Stroke, 2014, 9, 59-60.	5.9	6
100	Clinical Associations and Causes of Convexity Subarachnoid Hemorrhage. Stroke, 2014, 45, 1151-1153.	2.0	72
101	Verapamil-responsive coital cephalalgia as reversible cerebral vasoconstriction prodrome. Journal of Neurology, 2014, 261, 1641-1643.	3.6	2
102	Associations and implications of cerebral microbleeds. Journal of Clinical Neuroscience, 2013, 20, 919-927.	1.5	18
103	Comparison between the formula 1/2ABC and 2/3Sh in intracerebral parenchyma hemorrhage. Neurological Research, 2013, 35, 382-388.	1.3	9
104	Adelaide Stroke Incidence Study. Stroke, 2013, 44, 1226-1231.	2.0	125
105	Why Calls for More Routine Carotid Stenting Are Currently Inappropriate. Stroke, 2013, 44, 1186-1190.	2.0	46
106	Early recognition of anti-N-methyl D-aspartate (NMDA) receptor encephalitis presenting as acute psychosis. Australasian Psychiatry, 2013, 21, 596-599.	0.7	13
107	Why the United States Center for Medicare and Medicaid Services should not extend reimbursement indications for carotid artery angioplasty/stenting. Vascular, 2012, 20, 1-7.	0.9	2
108	Why the US Center for Medicare and Medicaid Services Should Not Extend Reimbursement Indications for Carotid Artery Angioplasty/Stenting. Angiology, 2012, 63, 639-644.	1.8	4

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109	Case 34-2011: A Man with Memory Loss and Partial Seizures. New England Journal of Medicine, 2012, 366, 768-769.	27.0	0
110	Automatic Nonsubjective Estimation of Antigen Content Visualized by Immunohistochemistry Using Color Deconvolution. Applied Immunohistochemistry and Molecular Morphology, 2012, 20, 82-90.	1.2	56
111	Why the United States Center for Medicare and Medicaid Services (CMS) should not extend reimbursement indications for carotid artery angioplasty/stenting. Brain and Behavior, 2012, 2, 200-207.	2.2	4
112	One GP's take on neurology. Medical Journal of Australia, 2012, 197, 120-120.	1.7	0
113	Back pain and leg weakness. Medical Journal of Australia, 2011, 195, 454-457.	1.7	6
114	Reference genes for normalising gene expression data in collagenase-induced rat intracerebral haemorrhage. BMC Molecular Biology, 2010, 11, 7.	3.0	20
115	Elevated serum concentrations of troponin T in acute stroke: What do they mean?. Journal of Clinical Neuroscience, 2010, 17, 69-73.	1.5	11
116	Stroke prevention and stroke thrombolysis: quantifying the potential benefits of best practice therapies. Medical Journal of Australia, 2009, 190, 678-682.	1.7	4
117	Hemoglobin crystals: A pro-inflammatory potential confounder of rat experimental intracerebral hemorrhage. Brain Research, 2009, 1287, 164-172.	2.2	19
118	Suppression of inflammation in ischemic and hemorrhagic stroke: therapeutic options. Current Opinion in Neurology, 2009, 22, 294-301.	3.6	119
119	The distinctive movement disorder of ovarian teratomaâ€associated encephalitis. Movement Disorders, 2008, 23, 1256-1261.	3.9	115
120	Cardio-embolic cerebellar stroke secondary to mitral valve chordae rupture as a delayed complication of a high-voltage electrical injury. Journal of Clinical Neuroscience, 2008, 15, 210-212.	1.5	4