Keith W Muir

List of Publications by Year
in descending order

295 papers	18,552 citations	16451 64 h-index	14759 127 g-index
302 all docs	302 docs citations	302 times ranked	15827 citing authors

#	Article	IF	Citations
1	Effects of alteplase beyond 3 h after stroke in the Echoplanar Imaging Thrombolytic Evaluation Trial (EPITHET): a placebo-controlled randomised trial. Lancet Neurology, The, 2008, 7, 299-309.	10.2	971
2	MRI-Guided Thrombolysis for Stroke with Unknown Time of Onset. New England Journal of Medicine, 2018, 379, 611-622.	27.0	912
3	Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. New England Journal of Medicine, 2018, 378, 2191-2201.	27.0	730
4	Do Clinicians Overestimate the Severity of Intracerebral Hemorrhage?. Stroke, 2019, 50, 344-348.	2.0	713
5	Treatment and outcomes of acute basilar artery occlusion in the Basilar Artery International Cooperation Study (BASICS): a prospective registry study. Lancet Neurology, The, 2009, 8, 724-730.	10.2	640
6	Improving the Assessment of Outcomes in Stroke. Stroke, 2002, 33, 2243-2246.	2.0	637
7	Migraine Intervention With STARFlex Technology (MIST) Trial. Circulation, 2008, 117, 1397-1404.	1.6	523
8	Thrombolysis with alteplase 3â€“4Â·5 h after acute ischaemic stroke (SITS-ISTR): an observational study. Lancet, The, 2008, 372, 1303-1309.	13.7	514
9	Clinical Experience With Excitatory Amino Acid Antagonist Drugs. Stroke, 1995, 26, 503-513.	2.0	436
10	Human neural stem cells in patients with chronic ischaemic stroke (PISCES): a phase 1, first-in-man study. Lancet, The, 2016, 388, 787-796.	13.7	322
11	Imaging of acute stroke. Lancet Neurology, The, 2006, 5, 755-768.	10.2	311
12	Comparison of Neurological Scales and Scoring Systems for Acute Stroke Prognosis. Stroke, 1996, 27, 1817-1820.	2.0	307
13	Reliability of the Modified Rankin Scale Across Multiple Raters. Stroke, 2005, 36, 777-781.	2.0	297
14	C-Reactive Protein and Outcome After Ischemic Stroke. Stroke, 1999, 30, 981-985.	2.0	289
15	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
16	Glutamate-based therapeutic approaches: clinical trials with NMDA antagonists. Current Opinion in Pharmacology, 2006, 6, 53-60.	3.5	277
17	Penumbral imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. Lancet Neurology, The, 2019, 18, 46-55.	10.2	276
18	Endovascular therapy for acute ischaemic stroke: the Pragmatic Ischaemic Stroke Thrombectomy Evaluation (PISTE) randomised, controlled trial. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 38-44.	1.9	274

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19	Evaluation of C-Reactive Protein Measurement for Assessing the Risk and Prognosis in Ischemic Stroke. Stroke, 2005, 36, 1316-1329.	2.0	256
20	eTICI reperfusion: defining success in endovascular stroke therapy. Journal of NeuroInterventional Surgery, 2019, 11, 433-438.	3.3	251
21	Inflammation and ischaemic stroke. Current Opinion in Neurology, 2007, 20, 334-342.	3.6	229
22	Alteplase versus tenecteplase for thrombolysis after ischaemic stroke (ATTEST): a phase 2, randomised, open-label, blinded endpoint study. Lancet Neurology, The, 2015, 14, 368-376.	10.2	229
23	Cerebral small vessel disease: Capillary pathways to stroke and cognitive decline. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 302-325.	4.3	211
24	Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. Lancet Neurology, The, 2018, 17, 47-53.	10.2	205
25	Acute Stroke Imaging Research Roadmap II. Stroke, 2013, 44, 2628-2639.	2.0	192
26	Cerebral microbleeds and intracranial haemorrhage risk in patients anticoagulated for atrial fibrillation after acute ischaemic stroke or transient ischaemic attack (CROMIS-2): a multicentre observational cohort study. Lancet Neurology, The, 2018, 17, 539-547.	10.2	192
27	Efficacy of endovascular thrombectomy in patients with M2 segment middle cerebral artery occlusions: meta-analysis of data from the HERMES Collaboration. Journal of NeuroInterventional Surgery, 2019, 11, 1065-1069.	3.3	168
28	Computed tomography and magnetic resonance perfusion imaging in ischemic stroke: Definitions and thresholds. Annals of Neurology, 2011, 70, 384-401.	5.3	154
29	Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. Lancet Neurology, The, 2018, 17, 1053-1060.	10.2	146
30	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. Lancet Neurology, The, 2019, 18, 653-665.	10.2	143
31	Stem Cells as an Emerging Paradigm in Stroke 3. Stroke, 2014, 45, 634-639.	2.0	141
32	A Randomized, Double-Blind, Placebo-Controlled Pilot Trial of Intravenous Magnesium Sulfate in Acute Stroke. Stroke, 1995, 26, 1183-1188.	2.0	136
33	Association of Time From Stroke Onset to Groin Puncture With Quality of Reperfusion After Mechanical Thrombectomy. JAMA Neurology, 2019, 76, 405.	9.0	133
34	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.	5.9	130
35	The Basilar Artery International Cooperation Study (BASICS): study protocol for a randomised controlled trial. Trials, 2013, 14, 200.	1.6	125
36	Prehospital transdermal glyceryl trinitrate in patients with ultra-acute presumed stroke (RIGHT-2): an ambulance-based, randomised, sham-controlled, blinded, phase 3 trial. Lancet, The, 2019, 393, 1009-1020.	13.7	119

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37	Randomized, controlled trial of insulin for acute poststroke hyperglycemia. Annals of Neurology, 2010, 67, 570-578.	5.3	118
38	Diffusionâ€weighted imaging and diagnosis of transient ischemic attack. Annals of Neurology, 2014, 75, 67-76.	5.3	118
39	Ischemic Stroke despite Oral Anticoagulant Therapy in Patients with Atrial Fibrillation. Annals of Neurology, 2020, 87, 677-687.	5.3	117
40	Embolic strokes of undetermined source: Prevalence and patient features in the ESUS Global Registry. International Journal of Stroke, 2016, 11, 526-533.	5.9	113
41	Dose Optimization of Intravenous Magnesium Sulfate After Acute Stroke. Stroke, 1998, 29, 918-923.	2.0	112
42	Neuroprotection for Acute Stroke. Stroke, 1999, 30, 180-182.	2.0	109
43	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
44	European Recommendations on Organisation of Interventional Care in Acute Stroke (EROICAS). International Journal of Stroke, 2016, 11, 701-716.	5.9	105
45	Association of follow-up infarct volume with functional outcome in acute ischemic stroke: a pooled analysis of seven randomized trials. Journal of NeuroInterventional Surgery, 2018, 10, 1137-1142.	3.3	93
46	What Constitutes a True Hyperdense Middle Cerebral Artery Sign?. Cerebrovascular Diseases, 2000, 10, 419-423.	1.7	92
47	Intracerebral implantation of human neural stem cells and motor recovery after stroke: multicentre prospective single-arm study (PISCES-2). Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 396-401.	1.9	91
48	EPITHET. Stroke, 2011, 42, 59-64.	2.0	90
49	Management of Hyperglycemia in Acute Stroke. Stroke, 2008, 39, 2177-2185.	2.0	89
50	Extent of Hypoattenuation on CT Angiography Source Images in Basilar Artery Occlusion. Stroke, 2011, 42, 3454-3459.	2.0	88
51	Acute Stroke Imaging Research Roadmap III Imaging Selection and Outcomes in Acute Stroke Reperfusion Clinical Trials. Stroke, 2016, 47, 1389-1398.	2.0	88
52	Direct oral anticoagulants versus vitamin K antagonists after recent ischemic stroke in patients with atrial fibrillation. Annals of Neurology, 2019, 85, 823-834.	5.3	84
53	Rivaroxaban for secondary stroke prevention in patients with embolic strokes of undetermined source: Design of the NAVIGATE ESUS randomized trial. European Stroke Journal, 2016, 1, 146-154.	5.5	83
54	Hyperglycaemia and Infarct Size in Animal Models of Middle Cerebral Artery Occlusion: Systematic Review and Meta-Analysis. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 807-818.	4.3	82

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55	Heterogeneity of Stroke Pathophysiology and Neuroprotective Clinical Trial Design. Stroke, 2002, 33, 1545-1550.	2.0	79
56	Mediation of the Relationship Between Endovascular Therapy and Functional Outcome by Follow-up Infarct Volume in Patients With Acute Ischemic Stroke. JAMA Neurology, 2019, 76, 194.	9.0	77
57	Excitatory amino acid antagonists for acute stroke. The Cochrane Library, 2003, , CD001244.	2.8	75
58	Early Recurrent Ischemic Stroke Complicating Intravenous Thrombolysis for Stroke. Stroke, 2010, 41, 1990-1995.	2.0	75
59	Magnesium for Neuroprotection in Ischaemic Stroke. CNS Drugs, 2001, 15, 921-930.	5.9	74
60	Alteplase for Acute Ischemic Stroke. Stroke, 2015, 46, 746-756.	2.0	74
61	Potential use of Oxygen as a Metabolic Biosensor in Combination with T2*-Weighted MRI to Define the Ischemic Penumbra. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1742-1753.	4.3	70
62	Basilar Artery Occlusion. Neurocritical Care, 2004, 1, 319-330.	2.4	69
63	Volumetric and Spatial Accuracy of Computed Tomography Perfusion Estimated Ischemic Core Volume in Patients With Acute Ischemic Stroke. Stroke, 2018, 49, 2368-2375.	2.0	69
64	Diagnosis and management of acute ischaemic stroke. Practical Neurology, 2020, 20, 304-316.	1.1	69
65	Tenecteplase versus alteplase in stroke thrombolysis: An individual patient data meta-analysis of randomized controlled trials. International Journal of Stroke, 2016, 11, 534-543.	5.9	68
66	Stem Cells as an Emerging Paradigm in Stroke 4. Stroke, 2019, 50, 3299-3306.	2.0	68
67	Phase II Trial of the Sigma-1 Receptor Agonist Cutamesine (SA4503) for Recovery Enhancement After Acute Ischemic Stroke. Stroke, 2014, 45, 3304-3310.	2.0	64
68	Principles of precision medicine in stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 54-61.	1.9	64
69	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. JAMA Neurology, 2019, 76, 641.	9.0	63
70	Prospective Study of Apolipoprotein E Genotype and Functional Outcome Following Ischemic Stroke. Archives of Neurology, 2000, 57, 1480-4.	4.5	62
71	Global Survey of the Frequency of Atrial Fibrillationâ€“Associated Stroke. Stroke, 2016, 47, 2197-2202.	2.0	62
72	Rapid Alteplase Administration Improves Functional Outcomes in Patients With Stroke due to Large Vessel Occlusions. Stroke, 2019, 50, 645-651.	2.0	62

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73	Safety and efficacy of sonothrombolysis for acute ischaemic stroke: a multicentre, double-blind, phase 3, randomised controlled trial. Lancet Neurology, The, 2019, 18, 338-347.	10.2	61
74	Phase II Clinical Trial of Sipatrigine (619C89) by Continuous Infusion in Acute Stroke. Cerebrovascular Diseases, 2000, 10, 431-436.	1.7	59
75	Tenecteplase in ischemic stroke offers improved recanalization. Neurology, 2017, 89, 62-67.	1.1	59
76	Brain repair: cell therapy in stroke. Stem Cells and Cloning: Advances and Applications, 2014, 7, 31.	2.3	58
77	Does Sex Modify the Effect of Endovascular Treatment for Ischemic Stroke?. Stroke, 2019, 50, 2413-2419.	2.0	57
78	Systematic Review of Perfusion Imaging With Computed Tomography and Magnetic Resonance in Acute Ischemic Stroke: Heterogeneity of Acquisition and Postprocessing Parameters. Stroke, 2012, 43, 563-566.	2.0	52
79	Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke. Stroke, 2019, 50, 690-696.	2.0	52
80	Can the Ischemic Penumbra Be Identified on Noncontrast CT of Acute Stroke?. Stroke, 2007, 38, 2485-2490.	2.0	51
81	Stroke With Unknown Time of Symptom Onset. Stroke, 2017, 48, 770-773.	2.0	51
82	Early versus late anticoagulation for ischaemic stroke associated with atrial fibrillation: multicentre cohort study. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 320-325.	1.9	47
83	Cysteine-Sparing CADASIL Mutations in NOTCH3 Show Proaggregatory Properties In Vitro. Stroke, 2015, 46, 786-792.	2.0	46
84	Characterization of Patients with Embolic Strokes of Undetermined Source in the NAVIGATE ESUS Randomized Trial. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1673-1682.	1.6	46
85	Effects of Magnesium Treatment in a Model of Internal Capsule Lesion in Spontaneously Hypertensive Rats. Stroke, 2008, 39, 448-454.	2.0	45
86	Thrombolysis and thrombectomy for acute ischaemic stroke. Clinical Medicine, 2017, 17, 161-165.	1.9	45
87	Effects of oral anticoagulation for atrial fibrillation after spontaneous intracranial haemorrhage in the UK: a randomised, open-label, assessor-masked, pilot-phase, non-inferiority trial. Lancet Neurology, The, 2021, 20, 842-853.	10.2	44
88	Magnesium for Treatment of Acute Lacunar Stroke Syndromes. Stroke, 2007, 38, 1269-1273.	2.0	43
89	Multi-center prediction of hemorrhagic transformation in acute ischemic stroke using permeability imaging features. Magnetic Resonance Imaging, 2013, 31, 961-969.	1.8	43
90	How many stroke patients might be eligible for mechanical thrombectomy?. European Stroke Journal, 2016, 1, 264-271.	5.5	41

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91	Respiratory challenge MRI: Practical aspects. NeuroImage: Clinical, 2016, 11, 667-677.	2.7	40
92	Small Vessel Disease and Ischemic Stroke Risk During Anticoagulation for Atrial Fibrillation After Cerebral Ischemia. Stroke, 2021, 52, 91-99.	2.0	40
93	Safety and Tolerability of 619C89 after Acute Stroke. Cerebrovascular Diseases, 1998, 8, 31-37.	1.7	39
94	Effect of Smoking Status on Outcome after Acute Ischemic Stroke. Cerebrovascular Diseases, 2006, 21, 260-265.	1.7	39
95	Cognitive Impairment Before Intracerebral Hemorrhage Is Associated With Cerebral Amyloid Angiopathy. Stroke, 2018, 49, 40-45.	2.0	39
96	Public Health and Cost Benefits of Successful Reperfusion After Thrombectomy for Stroke. Stroke, 2020, 51, 899-907.	2.0	39
97	Patient-Specific iPSC Model of a Genetic Vascular Dementia Syndrome Reveals Failure of Mural Cells to Stabilize Capillary Structures. Stem Cell Reports, 2019, 13, 817-831.	4.8	38
98	Public health and cost consequences of time delays to thrombectomy for acute ischemic stroke. Neurology, 2020, 95, e2465-e2475.	1.1	38
99	Coagulation and Fibrinolytic Activity of Tenecteplase and Alteplase in Acute Ischemic Stroke. Stroke, 2015, 46, 3543-3546.	2.0	37
100	Characteristics of Recurrent Ischemic Stroke After Embolic Stroke of Undetermined Source. JAMA Neurology, 2020, 77, 1233.	9.0	37
101	Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. Lancet Neurology, The, 2021, 20, 294-303.	10.2	37
102	T2*â€weighted magnetic resonance imaging with hyperoxia in acute ischemic stroke. Annals of Neurology, 2010, 68, 37-47.	5.3	36
103	Impact of Computed Tomography Perfusion Imaging on the Response to Tenecteplase in Ischemic Stroke. Circulation, 2017, 135, 440-448.	1.6	36
104	Tenecteplase for the treatment of acute ischemic stroke: A review of completed and ongoing randomized controlled trials. International Journal of Stroke, 2018, 13, 885-892.	5.9	36
105	Multi-site harmonization of 7 tesla MRI neuroimaging protocols. NeuroImage, 2020, 206, 116335.	4.2	36
106	Automatic segmentation of cerebral infarcts in follow-up computed tomography images with convolutional neural networks. Journal of NeuroInterventional Surgery, 2020, 12, 848-852.	3.3	33
107	Cerebral Edema in Patients With Large Hemispheric Infarct Undergoing Reperfusion Treatment: A HERMES Meta-Analysis. Stroke, 2021, 52, 3450-3458.	2.0	32
108	Effects of Prolonged Infusions of the NMDA Antagonist Aptiganel Hydrochloride (CNS 1102) in Normal Volunteers. Clinical Neuropharmacology, 1997, 20, 311-321.	0.7	31

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109	ER stress and Rho kinase activation underlie the vasculopathy of CADASIL. JCI Insight, 2019, 4, .	5.0	31
110	Manual responses and saccades in chronic and recovered hemispatial neglect: a study using visual search. Neuropsychologia, 2002, 40, 705-717.	1.6	30
111	INTERACT-2. Stroke, 2013, 44, 2951-2952.	2.0	30
112	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
113	State of Acute Endovascular Therapy. Stroke, 2015, 46, 1727-1734.	2.0	29
114	No Neglect-Specific Deficits in Reaching Tasks. Cerebral Cortex, 2009, 19, 2616-2624.	2.9	28
115	Stroke Penumbra Defined by an MRI-Based Oxygen Challenge Technique: 1. Validation using [¹⁴C]2-Deoxyglucose Autoradiography. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1778-1787.	4.3	28
116	Interaction of Recanalization, Intracerebral Hemorrhage, and Cerebral Edema After Intravenous Thrombolysis. Stroke, 2016, 47, 1761-1767.	2.0	28
117	Confirmatory Study of Time-Dependent Computed Tomographic Perfusion Thresholds for Use in Acute Ischemic Stroke. Stroke, 2019, 50, 3269-3273.	2.0	28
118	Microbleeds and the Effect of Anticoagulation in Patients With Embolic Stroke of Undetermined Source. JAMA Neurology, 2021, 78, 11.	9.0	28
119	Vasoreactivity in CADASIL: Comparison to structural MRI and neuropsychology. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1085-1095.	4.3	27
120	Stroke Penumbra Defined by an MRI-Based Oxygen Challenge Technique: 2. Validation based on the Consequences of Reperfusion. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1788-1798.	4.3	26
121	Clinical and imaging services for TIA and minor stroke: results of two surveys of practice across the UK. BMJ Open, 2013, 3, e003359.	1.9	26
122	Xanthine oxidase inhibition for the improvement of long-term outcomes following ischaemic stroke and transient ischaemic attack (XILO-FIST) â€“ Protocol for a randomised double blind placebo-controlled clinical trial. European Stroke Journal, 2018, 3, 281-290.	5.5	26
123	Akinetopsia: acute presentation and evidence for persisting defects in motion vision: Figure 1. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 229-230.	1.9	25
124	Stroke in 2015: the year of endovascular treatment. Lancet Neurology, The, 2016, 15, 2-3.	10.2	25
125	Computed Tomography Perfusionâ€“Based Machine Learning Model Better Predicts Follow-Up Infarction in Patients With Acute Ischemic Stroke. Stroke, 2021, 52, 223-231.	2.0	25
126	The neural basis of visuomotor deficits in hemispatial neglect. Neuropsychologia, 2009, 47, 2149-2153.	1.6	24

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127	Stem cell therapy in stroke: Designing clinical trials. Neurochemistry International, 2011, 59, 367-370.	3.8	24
128	Stem Cells in Stroke Treatment: The Promise and the Challenges. International Journal of Stroke, 2012, 7, 426-434.	5.9	24
129	European recommendations on organisation of interventional care in acute stroke (EROICAS). European Stroke Journal, 2016, 1, 155-170.	5.5	24
130	Association of enlarged perivascular spaces and anticoagulant-related intracranial hemorrhage. Neurology, 2020, 95, e2192-e2199.	1.1	24
131	Clinical Characteristics and Outcome of Patients With Hemorrhagic Transformation After Intravenous Thrombolysis in the WAKE-UP Trial. Frontiers in Neurology, 2020, 11, 957.	2.4	24
132	Different Mismatch Concepts for Magnetic Resonance Imagingâ€“Guided Thrombolysis in Unknown Onset Stroke. Annals of Neurology, 2020, 87, 931-938.	5.3	24
133	Prediction of Outcome and Endovascular Treatment Benefit: Validation and Update of the MR PREDICTS Decision Tool. Stroke, 2021, 52, 2764-2772.	2.0	24
134	Secondary prevention of stroke. Expert Review of Cardiovascular Therapy, 2009, 7, 1103-1115.	1.5	23
135	Stroke Treatment Academic Industry Roundtable. Stroke, 2013, 44, 3596-3601.	2.0	23
136	The Role of Right Temporal Lobe Structures in Off-line Action: Evidence from Lesion-Behavior Mapping in Stroke Patients. Cerebral Cortex, 2011, 21, 2751-2761.	2.9	22
137	Prospects for stem cell-derived therapy in stroke. Progress in Brain Research, 2012, 201, 119-167.	1.4	22
138	Efficacy of home-based visuomotor feedback training in stroke patients with chronic hemispatial neglect. Neuropsychological Rehabilitation, 2019, 29, 251-272.	1.6	22
139	Prevalence, Predictors and Prognosis of Post-Stroke Hyperglycaemia in Acute Stroke Trials: Individual Patient Data Pooled Analysis from the Virtual International Stroke Trials Archive (VISTA). Cerebrovascular Diseases Extra, 2011, 1, 17-27.	1.5	21
140	Clinical trial design for stem cell therapies in stroke: What have we learned?. Neurochemistry International, 2017, 106, 108-113.	3.8	21
141	Effect of age and baseline ASPECTS on outcomes in large-vessel occlusion stroke: results from the HERMES collaboration. Journal of NeuroInterventional Surgery, 2021, 13, 790-793.	3.3	21
142	Immediate and delayed reaching in hemispatial neglect. Neuropsychologia, 2009, 47, 1563-1572.	1.6	20
143	Intracranial Delivery of Stem Cells. Translational Stroke Research, 2011, 2, 266-271.	4.2	20
144	Diagnostic test results in primary CNS vasculitis. Neurology: Clinical Practice, 2017, 7, 256-265.	1.6	20

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145	Multi-centre, multi-vendor reproducibility of 7T QSM and R2* in the human brain: Results from the UK7T study. NeuroImage, 2020, 223, 117358.	4.2	20
146	Systemic and Cerebral Hemodynamic Responses to the Noncompetitive N-Methyl-D-Aspartate (NMDA) Antagonist CNS 1102. Journal of Cardiovascular Pharmacology, 1995, 25, 705-709.	1.9	19
147	Derivation and Evaluation of Thresholds for Core and Tissue at Risk of Infarction Using CT Perfusion. Journal of Neuroimaging, 2014, 24, 562-568.	2.0	19
148	Neuroimaging as a Selection Tool and Endpoint in Clinical and Pre-clinical Trials. Translational Stroke Research, 2016, 7, 368-377.	4.2	19
149	Stroke Laterality Did Not Modify Outcomes in the HERMES Meta-Analysis of Individual Patient Data of 7 Trials. Stroke, 2019, 50, 2118-2124.	2.0	19
150	Effect of small-vessel disease on cognitive trajectory after atrial fibrillation-related ischaemic stroke or ÂTIA. Journal of Neurology, 2019, 266, 1250-1259.	3.6	19
151	Mechanical thrombectomy in patients with acute ischemic stroke: A cost-effectiveness and value of implementation analysis. International Journal of Stroke, 2020, 15, 881-898.	5.9	19
152	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. Neurology, 2022, 98, .	1.1	19
153	Functional Outcomes of Patients â‰¥85 Years With Acute Ischemic Stroke Following EVT: A HERMES Substudy. Stroke, 2022, 53, 2220-2226.	2.0	19
154	Quantitative Signal Intensity in Fluid-Attenuated Inversion Recovery and Treatment Effect in the WAKE-UP Trial. Stroke, 2020, 51, 209-215.	2.0	18
155	A Randomized, Double-Blind, Placebo-Controlled Ascending Dose Tolerance Study of 619C89 in Acute Stroke. Annals of the New York Academy of Sciences, 1995, 765, 328-329.	3.8	17
156	Insular Cortex Hypoperfusion and Acute Phase Blood Glucose After Stroke. Stroke, 2007, 38, 407-410.	2.0	17
157	HERMES: messenger for stroke interventional treatment. Lancet, The, 2016, 387, 1695-1697.	13.7	17
158	Effect of informed consent on patient characteristics in a stroke thrombolysis trial. Neurology, 2017, 89, 1400-1407.	1.1	17
159	Cognitive Impairment Before Atrial Fibrillationâ€“Related Ischemic Events: Neuroimaging and Prognostic Associations. Journal of the American Heart Association, 2020, 9, e014537.	3.7	17
160	Small vessel disease burden and intracerebral haemorrhage in patients taking oral anticoagulants. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 805-814.	1.9	17
161	Thrombus Detection in CT Brain Scans using a Convolutional Neural Network. , 2017, , .		17
162	Prolonged interval between vertebral artery dissection and ischemic stroke. Neurology, 2004, 62, 1646-1647.	1.1	16

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163	The PREVAIL Trial and Low-Molecular-Weight Heparin for Prevention of Venous Thromboembolism. Stroke, 2008, 39, 2174-2176.	2.0	16
164	Detection of Ischemic Penumbra Using Combined Perfusion and T2* Oxygen Challenge Imaging. International Journal of Stroke, 2015, 10, 42-50.	5.9	16
165	What is the relationship among penumbra volume, collaterals, and time since onset in the first 6â€‰h after acute ischemic stroke?. International Journal of Stroke, 2016, 11, 338-346.	5.9	16
166	Attaining Human-Level Performance with Atlas Location Autocontext for Anatomical Landmark Detection in 3D CT Data. Lecture Notes in Computer Science, 2019, , 470-484.	1.3	16
167	Context-Aware Convolutional Neural Networks for Stroke Sign Detection in Non-contrast CT Scans. Communications in Computer and Information Science, 2017, , 494-505.	0.5	16
168	A Randomized, Double-Blind, Placebo-Controlled Pilot Trial of Intravenous Magnesium Sulfate in Acute Stroke. Annals of the New York Academy of Sciences, 1995, 765, 315-316.	3.8	15
169	Eye-movement patterns do not mediate size distortion effects in hemispatial neglect: looking without seeing. Neuropsychologia, 2003, 41, 1114-1121.	1.6	15
170	Cluster headache due to internal carotid artery dissection. Journal of Neurology, 2006, 253, 661-663.	3.6	15
171	Brain Lesion Volume and Capacity for Consent in Stroke Trials. Stroke, 2008, 39, 2336-2340.	2.0	15
172	Results of the MRI Substudy of the Intravenous Magnesium Efficacy in Stroke Trial. Stroke, 2009, 40, 1704-1709.	2.0	15
173	Iodinated Contrast Media and Cerebral Hemorrhage After Intravenous Thrombolysis. Stroke, 2011, 42, 2170-2174.	2.0	15
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