

Joanna M Wardlaw

List of Publications by Year in descending order

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Version: 2024-02-01

812
papers

64,612
citations

1118

115
h-index

2018

212
g-index

873
all docs

873
docs citations

873
times ranked

50886
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. <i>Lancet Neurology</i> , The, 2013, 12, 822-838.	4.9	3,919
2	Effect of treatment delay, age, and stroke severity on the effects of intravenous thrombolysis with alteplase for acute ischaemic stroke: a meta-analysis of individual patient data from randomised trials. <i>Lancet</i> , The, 2014, 384, 1929-1935.	6.3	1,971
3	Mechanisms of sporadic cerebral small vessel disease: insights from neuroimaging. <i>Lancet Neurology</i> , The, 2013, 12, 483-497.	4.9	1,269
4	Recommendations on Angiographic Revascularization Grading Standards for Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2650-2663.	1.0	1,264
5	The benefits and harms of intravenous thrombolysis with recombinant tissue plasminogen activator within 6 h of acute ischaemic stroke (the third international stroke trial [IST-3]): a randomised controlled trial. <i>Lancet</i> , The, 2012, 379, 2352-2363.	6.3	1,018
6	Small vessel disease: mechanisms and clinical implications. <i>Lancet Neurology</i> , The, 2019, 18, 684-696.	4.9	853
7	Recombinant tissue plasminogen activator for acute ischaemic stroke: an updated systematic review and meta-analysis. <i>Lancet</i> , The, 2012, 379, 2364-2372.	6.3	847
8	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
9	Blood-brain barrier: Ageing and microvascular disease - systematic review and meta-analysis. <i>Neurobiology of Aging</i> , 2009, 30, 337-352.	1.5	766
10	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
11	Stroke subtype, vascular risk factors, and total MRI brain small-vessel disease burden. <i>Neurology</i> , 2014, 83, 1228-1234.	1.5	657
12	Enlarged Perivascular Spaces on MRI Are a Feature of Cerebral Small Vessel Disease. <i>Stroke</i> , 2010, 41, 450-454.	1.0	637
13	Spontaneous brain microbleeds: systematic review, subgroup analyses and standards for study design and reporting. <i>Brain</i> , 2007, 130, 1988-2003.	3.7	634
14	Incidental findings on brain magnetic resonance imaging: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2009, 339, b3016-b3016.	2.4	634
15	What are White Matter Hyperintensities Made of?. <i>Journal of the American Heart Association</i> , 2015, 4, 001140.	1.6	599
16	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
17	Thrombolysis for acute ischaemic stroke. <i>The Cochrane Library</i> , 2016, 2016, CD000213.	1.5	564
18	Is Breakdown of the Blood-Brain Barrier Responsible for Lacunar Stroke, Leukoaraiosis, and Dementia?. <i>Stroke</i> , 2003, 34, 806-812.	1.0	551

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19	Brain age predicts mortality. <i>Molecular Psychiatry</i> , 2018, 23, 1385-1392.	4.1	513
20	The detection and management of unruptured intracranial aneurysms. <i>Brain</i> , 2000, 123, 205-221.	3.7	482
21	Vascular dysfunctionâ€”The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
22	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
23	Perivascular spaces in the brain: anatomy, physiology and pathology. <i>Nature Reviews Neurology</i> , 2020, 16, 137-153.	4.9	405
24	Cerebral microinfarcts: the invisible lesions. <i>Lancet Neurology</i> , The, 2012, 11, 272-282.	4.9	399
25	Distinguishing Between Stroke and Mimic at the Bedside. <i>Stroke</i> , 2006, 37, 769-775.	1.0	390
26	Ageing and brain white matter structure in 3,513 UK Biobank participants. <i>Nature Communications</i> , 2016, 7, 13629.	5.8	373
27	Stroke. <i>Lancet</i> , The, 2003, 362, 1211-1224.	6.3	372
28	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: A pilot project of the ENIGMAâ€”DTI working group. <i>NeuroImage</i> , 2013, 81, 455-469.	2.1	354
29	Shared genetic aetiology between cognitive functions and physical and mental health in UK Biobank (N=112â€”151) and 24 GWAS consortia. <i>Molecular Psychiatry</i> , 2016, 21, 1624-1632.	4.1	340
30	Enlarged perivascular spaces are associated with cognitive function in healthy elderly men. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004, 75, 1519-1523.	0.9	322
31	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</i> , The, 2019, 394, 139-147.	6.3	321
32	Non-invasive imaging compared with intra-arterial angiography in the diagnosis of symptomatic carotid stenosis: a meta-analysis. <i>Lancet</i> , The, 2006, 367, 1503-1512.	6.3	314
33	Update on cerebral small vessel disease: a dynamic whole-brain disease. <i>Stroke and Vascular Neurology</i> , 2016, 1, 83-92.	1.5	311
34	Action Plan for Stroke in Europe 2018â€”2030. <i>European Stroke Journal</i> , 2018, 3, 309-336.	2.7	311
35	Stroke treatment with alteplase given 3.0â€”4.5 h after onset of acute ischaemic stroke (ECASS III): additional outcomes and subgroup analysis of a randomised controlled trial. <i>Lancet Neurology</i> , The, 2009, 8, 1095-1102.	4.9	303
36	Improving Interrater Agreement About Brain Microbleeds. <i>Stroke</i> , 2009, 40, 94-99.	1.0	302

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37	A General Factor of Brain White Matter Integrity Predicts Information Processing Speed in Healthy Older People. <i>Journal of Neuroscience</i> , 2010, 30, 7569-7574.	1.7	297
38	Lacunar stroke is associated with diffuse blood-brain barrier dysfunction. <i>Annals of Neurology</i> , 2009, 65, 194-202.	2.8	295
39	Cerebral Perivascular Spaces Visible on Magnetic Resonance Imaging: Development of a Qualitative Rating Scale and its Observer Reliability. <i>Cerebrovascular Diseases</i> , 2015, 39, 224-231.	0.8	292
40	The Glymphatic System and Waste Clearance with Brain Aging: A Review. <i>Gerontology</i> , 2019, 65, 106-119.	1.4	291
41	Detection of interferon alpha protein reveals differential levels and cellular sources in disease. <i>Journal of Experimental Medicine</i> , 2017, 214, 1547-1555.	4.2	288
42	Assessment of blood-brain barrier disruption using dynamic contrast-enhanced MRI. A systematic review. <i>NeuroImage: Clinical</i> , 2014, 6, 262-274.	1.4	285
43	Brain white matter tract integrity as a neural foundation for general intelligence. <i>Molecular Psychiatry</i> , 2012, 17, 1026-1030.	4.1	282
44	Endovascular therapy for acute ischaemic stroke: the Pragmatic Ischaemic Stroke Thrombectomy Evaluation (PISTE) randomised, controlled trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 38-44.	0.9	274
45	Systematic review of evidence on thrombolytic therapy for acute ischaemic stroke. <i>Lancet, The</i> , 1997, 350, 607-614.	6.3	272
46	Cognitive Ability and Brain Structure in Type 1 Diabetes: Relation to Microangiopathy and Preceding Severe Hypoglycemia. <i>Diabetes</i> , 2003, 52, 149-156.	0.3	270
47	Primary Medical Therapy for Acromegaly: An Open, Prospective, Multicenter Study of the Effects of Subcutaneous and Intramuscular Slow-Release Octreotide on Growth Hormone, Insulin-Like Growth Factor-I, and Tumor Size. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4554-4563.	1.8	267
48	Hydrogel-coated coils versus bare platinum coils for the endovascular treatment of intracranial aneurysms (HELPS): a randomised controlled trial. <i>Lancet, The</i> , 2011, 377, 1655-1662.	6.3	262
49	Risk Factors for Intracranial Hemorrhage in Acute Ischemic Stroke Patients Treated With Recombinant Tissue Plasminogen Activator. <i>Stroke</i> , 2012, 43, 2904-2909.	1.0	259
50	Early Signs of Brain Infarction at CT: Observer Reliability and Outcome after Thrombolytic Treatment—Systematic Review. <i>Radiology</i> , 2005, 235, 444-453.	3.6	257
51	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
52	The syndrome of transient epileptic amnesia. <i>Annals of Neurology</i> , 2007, 61, 587-598.	2.8	231
53	Heritability of fractional anisotropy in human white matter: A comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015, 111, 300-311.	2.1	227
54	Detection, risk factors, and functional consequences of cerebral microinfarcts. <i>Lancet Neurology, The</i> , 2017, 16, 730-740.	4.9	225

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55	White matter hyperintensities and normal-appearing white matter integrity in the aging brain. <i>Neurobiology of Aging</i> , 2015, 36, 909-918.	1.5	224
56	Inflammatory Markers and Poor Outcome after Stroke: A Prospective Cohort Study and Systematic Review of Interleukin-6. <i>PLoS Medicine</i> , 2009, 6, e1000145.	3.9	223
57	Cerebral blood flow in small vessel disease: A systematic review and meta-analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1653-1667.	2.4	223
58	Enlarged Perivascular Spaces and Cerebral Small Vessel Disease. <i>International Journal of Stroke</i> , 2015, 10, 376-381.	2.9	219
59	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
60	Thrombolysis for acute ischaemic stroke. , 2003, , CD000213.		212
61	Cerebral small vessel disease: Capillary pathways to stroke and cognitive decline. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 302-325.	2.4	211
62	Understanding the role of the perivascular space in cerebral small vessel disease. <i>Cardiovascular Research</i> , 2018, 114, 1462-1473.	1.8	211
63	Influence of an Early-Onset Age of Type 1 Diabetes on Cerebral Structure and Cognitive Function. <i>Diabetes Care</i> , 2005, 28, 1431-1437.	4.3	208
64	Prognostic Significance of Growth Kinetics in Newly Diagnosed Glioblastomas Revealed by Combining Serial Imaging with a Novel Biomathematical Model. <i>Cancer Research</i> , 2009, 69, 9133-9140.	0.4	206
65	The Edinburgh CT and genetic diagnostic criteria for lobar intracerebral haemorrhage associated with cerebral amyloid angiopathy: model development and diagnostic test accuracy study. <i>Lancet Neurology</i> , The, 2018, 17, 232-240.	4.9	204
66	Associations between vascular risk factors and brain MRI indices in UK Biobank. <i>European Heart Journal</i> , 2019, 40, 2290-2300.	1.0	204
67	White matter integrity and cognition in childhood and old age. <i>Neurology</i> , 2006, 66, 505-512.	1.5	202
68	A prospective, multicentre study to investigate the efficacy, safety and tolerability of octreotide LAR $\frac{1}{2}$ (long-acting repeatable octreotide) in the primary therapy of patients with acromegaly. <i>Clinical Endocrinology</i> , 2007, 66, 859-868.	1.2	202
69	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019, 15, 961-984.	0.4	200
70	Total MRI load of cerebral small vessel disease and cognitive ability in older people. <i>Neurobiology of Aging</i> , 2015, 36, 2806-2811.	1.5	199
71	Intracranial capacity and brain volumes are associated with cognition in healthy elderly men. <i>Neurology</i> , 2002, 59, 169-174.	1.5	196
72	Effects of Alteplase for Acute Stroke on the Distribution of Functional Outcomes. <i>Stroke</i> , 2016, 47, 2373-2379.	1.0	193

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73	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013, 44, 2628-2639.	1.0	192
74	Cognitive impairment after lacunar stroke: systematic review and meta-analysis of incidence, prevalence and comparison with other stroke subtypes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 893-900.	0.9	192
75	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
76	Diffusion tensor MR imaging of high-grade cerebral gliomas. <i>American Journal of Neuroradiology</i> , 2002, 23, 520-7.	1.2	192
77	What causes lacunar stroke?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 617-619.	0.9	190
78	Blood-brain barrier failure as a core mechanism in cerebral small vessel disease and dementia: evidence from a cohort study. <i>Alzheimer's and Dementia</i> , 2017, 13, 634-643.	0.4	190
79	Thrombolysis for acute ischaemic stroke. , 2009, , CD000213.		189
80	Brain Aging, Cognition in Youth and Old Age and Vascular Disease in the Lothian Birth Cohort 1936: Rationale, Design and Methodology of the Imaging Protocol. <i>International Journal of Stroke</i> , 2011, 6, 547-559.	2.9	188
81	Risk of intracerebral haemorrhage with alteplase after acute ischaemic stroke: a secondary analysis of an individual patient data meta-analysis. <i>Lancet Neurology</i> , The, 2016, 15, 925-933.	4.9	187
82	Vascular risk factors, large-artery atheroma, and brain white matter hyperintensities. <i>Neurology</i> , 2014, 82, 1331-1338.	1.5	181
83	Intensive blood pressure reduction with intravenous thrombolysis therapy for acute ischaemic stroke (ENCHANTED): an international, randomised, open-label, blinded-endpoint, phase 3 trial. <i>Lancet</i> , The, 2019, 393, 877-888.	6.3	178
84	Thrombolysis in acute ischemic stroke: does it work?. <i>Stroke</i> , 1992, 23, 1826-1839.	1.0	175
85	Consensus statement for diagnosis of subcortical small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 6-25.	2.4	173
86	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	2.1	173
87	Neuroprotective lifestyles and the aging brain. <i>Neurology</i> , 2012, 79, 1802-1808.	1.5	168
88	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRI-neuropathology diagnostic accuracy study. <i>Lancet Neurology</i> , The, 2022, 21, 714-725.	4.9	168
89	A systematic review of brain metabolite changes, measured with 1H magnetic resonance spectroscopy, in healthy aging. <i>Neurobiology of Aging</i> , 2009, 30, 353-363.	1.5	165
90	Blood-brain barrier and cerebral small vessel disease. <i>Journal of the Neurological Sciences</i> , 2010, 299, 66-71.	0.3	164

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91	WMH and long-term outcomes in ischemic stroke. <i>Neurology</i> , 2019, 92, e1298-e1308.	1.5	163
92	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
93	Machine learning of neuroimaging for assisted diagnosis of cognitive impairment and dementia: A systematic review. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 519-535.	1.2	162
94	Blood-brain barrier permeability in Alzheimer's disease: a case-control MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2009, 171, 232-241.	0.9	154
95	Computed tomography and magnetic resonance perfusion imaging in ischemic stroke: Definitions and thresholds. <i>Annals of Neurology</i> , 2011, 70, 384-401.	2.8	154
96	The functional anatomy of inspection time: an event-related fMRI study. <i>NeuroImage</i> , 2004, 22, 1466-1479.	2.1	151
97	Blood-brain Barrier Permeability and Long-Term Clinical and Imaging Outcomes in Cerebral Small Vessel Disease. <i>Stroke</i> , 2013, 44, 525-527.	1.0	149
98	Integrity of normal-appearing white matter: Influence of age, visible lesion burden and hypertension in patients with small-vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 644-656.	2.4	147
99	Comparison of 10 Different Magnetic Resonance Perfusion Imaging Processing Methods in Acute Ischemic Stroke. <i>Stroke</i> , 2007, 38, 3158-3164.	1.0	146
100	New multispectral MRI data fusion technique for white matter lesion segmentation: method and comparison with thresholding in FLAIR images. <i>European Radiology</i> , 2010, 20, 1684-1691.	2.3	146
101	Fractal analysis of retinal vessels suggests that a distinct vasculopathy causes lacunar stroke. <i>Neurology</i> , 2010, 74, 1102-1107.	1.5	146
102	Pharmacological Treatment and Prevention of Cerebral Small Vessel Disease: A Review of Potential Interventions. <i>International Journal of Stroke</i> , 2015, 10, 469-478.	2.9	146
103	Retinal microvasculature in acute lacunar stroke: a cross-sectional study. <i>Lancet Neurology</i> , The, 2009, 8, 628-634.	4.9	145
104	Do Acute Diffusion- and Perfusion-Weighted MRI Lesions Identify Final Infarct Volume in Ischemic Stroke?. <i>Stroke</i> , 2006, 37, 98-104.	1.0	144
105	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	1.1	144
106	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , The, 2019, 18, 653-665.	4.9	143
107	Influence of Intracerebral Hemorrhage Location on Incidence, Characteristics, and Outcome. <i>Stroke</i> , 2015, 46, 361-368.	1.0	142
108	Tracer kinetic modelling for DCE-MRI quantification of subtle blood-brain barrier permeability. <i>NeuroImage</i> , 2016, 125, 446-455.	2.1	138

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109	Cigarette smoking and thinning of the brain's cortex. <i>Molecular Psychiatry</i> , 2015, 20, 778-785.	4.1	136
110	Immediate Computed Tomography Scanning of Acute Stroke Is Cost-Effective and Improves Quality of Life. <i>Stroke</i> , 2004, 35, 2477-2483.	1.0	135
111	Blood Markers of Coagulation, Fibrinolysis, Endothelial Dysfunction and Inflammation in Lacunar Stroke versus Non-Lacunar Stroke and Non-Stroke: Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2014, 37, 64-75.	0.8	134
112	Quantifying blood-brain barrier leakage in small vessel disease: Review and consensus recommendations. <i>Alzheimer's and Dementia</i> , 2019, 15, 840-858.	0.4	134
113	Interobserver reliability of a clinical classification of acute cerebral infarction. <i>Stroke</i> , 1993, 24, 1801-1804.	1.0	132
114	Pathology of Lacunar Ischemic Stroke in Humans—A Systematic Review. <i>Brain Pathology</i> , 2012, 22, 583-591.	2.1	130
115	Reversal of endothelial dysfunction reduces white matter vulnerability in cerebral small vessel disease in rats. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	129
116	How well does the Oxfordshire Community Stroke Project classification predict the site and size of the infarct on brain imaging?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2000, 68, 558-562.	0.9	127
117	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , 2014, 95, 136-150.	2.1	127
118	Perivascular spaces and their associations with risk factors, clinical disorders and neuroimaging features: A systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2019, 14, 359-371.	2.9	123
119	Accurate, practical and cost-effective assessment of carotid stenosis in the UK. <i>Health Technology Assessment</i> , 2006, 10, iii-iv, ix-x, 1-182.	1.3	123
120	ABCD2 score and secondary stroke prevention. <i>Neurology</i> , 2015, 85, 373-380.	1.5	122
121	Tackling challenges in care of Alzheimer's disease and other dementias amid the COVID-19 pandemic, now and in the future. <i>Alzheimer's and Dementia</i> , 2020, 16, 1571-1581.	0.4	122
122	Plasma cortisol levels, brain volumes and cognition in healthy elderly men. <i>Psychoneuroendocrinology</i> , 2005, 30, 505-515.	1.3	120
123	White matter hyperintensity reduction and outcomes after minor stroke. <i>Neurology</i> , 2017, 89, 1003-1010.	1.5	120
124	Whole Brain Magnetic Resonance Image Atlases: A Systematic Review of Existing Atlases and Caveats for Use in Population Imaging. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 1.	1.3	120
125	Strategic infarct locations for post-stroke cognitive impairment: a pooled analysis of individual patient data from 12 acute ischaemic stroke cohorts. <i>Lancet Neurology</i> , The, 2021, 20, 448-459.	4.9	120
126	Thrombolytic Therapy With Recombinant Tissue Plasminogen Activator for Acute Ischemic Stroke. <i>Stroke</i> , 2003, 34, 1437-1442.	1.0	119

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127	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	5.8	119
128	Prehospital transdermal glyceryl trinitrate in patients with ultra-acute presumed stroke (RIGHT-2): an ambulance-based, randomised, sham-controlled, blinded, phase 3 trial. <i>Lancet, The</i> , 2019, 393, 1009-1020.	6.3	119
129	Diffusion-weighted imaging and diagnosis of transient ischemic attack. <i>Annals of Neurology</i> , 2014, 75, 67-76.	2.8	118
130	EuroHYP-1: European Multicenter, Randomized, Phase III Clinical Trial of Therapeutic Hypothermia plus Best Medical Treatment vs. Best Medical Treatment Alone for Acute Ischemic Stroke. <i>International Journal of Stroke</i> , 2014, 9, 642-645.	2.9	118
131	Outcome, observer reliability, and patient preferences if CTA, MRA, or Doppler ultrasound were used, individually or together, instead of digital subtraction angiography before carotid endarterectomy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 73, 21-28.	0.9	117
132	Potential Animal Models of Lacunar Stroke. <i>Stroke</i> , 2009, 40, e451-8.	1.0	117
133	Cerebrovascular Disease in Rheumatic Diseases. <i>Stroke</i> , 2016, 47, 943-950.	1.0	117
134	Can stroke physicians and neuroradiologists identify signs of early cerebral infarction on CT?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999, 67, 651-653.	0.9	116
135	Medical image analysis methods in MR/CT-imaged acute-subacute ischemic stroke lesion: Segmentation, prediction and insights into dynamic evolution simulation models. A critical appraisal. <i>NeuroImage: Clinical</i> , 2012, 1, 164-178.	1.4	115
136	Blood Pressure, Internal Carotid Artery Flow Parameters, and Age-Related White Matter Hyperintensities. <i>Hypertension</i> , 2014, 63, 1011-1018.	1.3	114
137	Circulating Inflammatory Markers Are Associated With Magnetic Resonance Imaging-Visible Perivascular Spaces But Not Directly With White Matter Hyperintensities. <i>Stroke</i> , 2014, 45, 605-607.	1.0	113
138	Functional Magnetic Resonance Imaging (fMRI) reproducibility and variance components across visits and scanning sites with a finger tapping task. <i>NeuroImage</i> , 2010, 49, 552-560.	2.1	112
139	MR diffusion-weighted imaging and outcome prediction after ischemic stroke. <i>Neurology</i> , 2006, 66, 1159-1163.	1.5	111
140	The Use of Blood Biomarkers to Predict Poor Outcome After Acute Transient Ischemic Attack or Ischemic Stroke. <i>Stroke</i> , 2012, 43, 86-91.	1.0	111
141	Differing Risk Factor Profiles of Ischemic Stroke Subtypes. <i>Stroke</i> , 2010, 41, 624-629.	1.0	110
142	Cost-Effectiveness of Thrombolysis With Recombinant Tissue Plasminogen Activator for Acute Ischemic Stroke Assessed by a Model Based on UK NHS Costs. <i>Stroke</i> , 2004, 35, 1490-1497.	1.0	109
143	Mediterranean-type diet and brain structural change from 73 to 76 years in a Scottish cohort. <i>Neurology</i> , 2017, 88, 449-455.	1.5	109
144	Cerebral Microbleeds Are Associated With Lacunar Stroke Defined Clinically and Radiologically, Independently of White Matter Lesions. <i>Stroke</i> , 2006, 37, 2633-2636.	1.0	108

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145	Which CT features help predict outcome after head injury?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002, 72, 188-192.	0.9	107
146	Transdermal Glyceryl Trinitrate Lowers Blood Pressure and Maintains Cerebral Blood Flow in Recent Stroke. <i>Hypertension</i> , 2006, 47, 1209-1215.	1.3	106
147	Sensitivity and Specificity of the Hyperdense Artery Sign for Arterial Obstruction in Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 102-107.	1.0	106
148	Brain iron deposits are associated with general cognitive ability and cognitive aging. <i>Neurobiology of Aging</i> , 2012, 33, 510-517.e2.	1.5	104
149	Childhood cognitive ability accounts for associations between cognitive ability and brain cortical thickness in old age. <i>Molecular Psychiatry</i> , 2014, 19, 555-559.	4.1	104
150	Clinically Confirmed Stroke With Negative Diffusion-Weighted Imaging Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 3142-3148.	1.0	104
151	A Systematic Review of Dynamic Cerebral and Peripheral Endothelial Function in Lacunar Stroke Versus Controls. <i>Stroke</i> , 2010, 41, e434-42.	1.0	103
152	Critical Appraisal of the Design and Reporting of Studies of Imaging and Measurement of Carotid Stenosis. <i>Stroke</i> , 2000, 31, 1444-1450.	1.0	101
153	Frequency and risk factors for spontaneous hemorrhagic transformation of cerebral infarction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2004, 13, 235-246.	0.7	101
154	Counting Cavitating Lacunes Underestimates the Burden of Lacunar Infarction. <i>Stroke</i> , 2010, 41, 267-272.	1.0	101
155	Beyond a bigger brain: Multivariable structural brain imaging and intelligence. <i>Intelligence</i> , 2015, 51, 47-56.	1.6	101
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