

F M Chappell

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,309
citations

279798

23
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

3328
citing authors

#	ARTICLE	IF	CITATIONS
1	Lacunar stroke is associated with diffuse blood-brain barrier dysfunction. <i>Annals of Neurology</i> , 2009, 65, 194-202.	5.3	295
2	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.	0.8	190
3	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.	4.5	146
4	A systematic review and individual patient data meta-analysis of prognostic factors for foot ulceration in people with diabetes: the international research collaboration for the prediction of diabetic foot ulcerations (PODUS). <i>Health Technology Assessment</i> , 2015, 19, 1-210.	2.8	142
5	ABCD2 score and secondary stroke prevention. <i>Neurology</i> , 2015, 85, 373-380.	1.1	122
6	White matter hyperintensity reduction and outcomes after minor stroke. <i>Neurology</i> , 2017, 89, 1003-1010.	1.1	120
7	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.	10.2	120
8	Sensitivity and Specificity of the Hyperdense Artery Sign for Arterial Obstruction in Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 102-107.	2.0	106
9	Development and initial testing of normal reference MR images for the brain at ages 65-70 and 75-80 years. <i>European Radiology</i> , 2009, 19, 177-183.	4.5	89
10	Carotid Artery Stenosis: Accuracy of Noninvasive Tests-Individual Patient Data Meta-Analysis. <i>Radiology</i> , 2009, 251, 493-502.	7.3	87
11	Intracranial hemodynamic relationships in patients with cerebral small vessel disease. <i>Neurology</i> , 2020, 94, e2258-e2269.	1.1	86
12	Small vessel disease is associated with altered cerebrovascular pulsatility but not resting cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 85-99.	4.3	77
13	Cilostazol for Secondary Prevention of Stroke and Cognitive Decline. <i>Stroke</i> , 2020, 51, 2374-2385.	2.0	68
14	Ankle brachial index for the diagnosis of lower limb peripheral arterial disease. <i>The Cochrane Library</i> , 2016, 2016, CD010680.	2.8	66
15	Rationale, design and methodology of the image analysis protocol for studies of patients with cerebral small vessel disease and mild stroke. <i>Brain and Behavior</i> , 2015, 5, e00415.	2.2	65
16	Blood pressure and sodium: Association with MRI markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 264-274.	4.3	55
17	A daily temperature rhythm in the human brain predicts survival after brain injury. <i>Brain</i> , 2022, 145, 2031-2048.	7.6	47
18	STROKOG (stroke and cognition consortium): An international consortium to examine the epidemiology, diagnosis, and treatment of neurocognitive disorders in relation to cerebrovascular disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 7, 11-23.	2.4	41

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19	Preventing foot ulceration in diabetes: systematic review and meta-analyses of RCT data. <i>Diabetologia</i> , 2020, 63, 49-64.	6.3	41
20	Functional, cognitive and physical outcomes 3 years after minor lacunar or cortical ischaemic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 436-443.	1.9	38
21	The impact of early-life intelligence quotient on post stroke cognitive impairment. <i>European Stroke Journal</i> , 2018, 3, 145-156.	5.5	31
22	How Much Do Focal Infarcts Distort White Matter Lesions and Global Cerebral Atrophy Measures?. <i>Cerebrovascular Diseases</i> , 2012, 34, 336-342.	1.7	29
23	The development and validation of a multivariable prognostic model to predict foot ulceration in diabetes using a systematic review and individual patient data meta-analyses. <i>Diabetic Medicine</i> , 2018, 35, 1480-1493.	2.3	29
24	Sources of systematic error in DCE-MRI estimation of low-level blood-brain barrier leakage. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1888-1903.	3.0	21
25	Relationship Between Venules and Perivascular Spaces in Sporadic Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 1503-1506.	2.0	20
26	The relation between total cerebral small vessel disease burden and gait impairment in patients with minor stroke. <i>International Journal of Stroke</i> , 2018, 13, 518-524.	5.9	19
27	Rationale and design of a longitudinal study of cerebral small vessel diseases, clinical and imaging outcomes in patients presenting with mild ischaemic stroke: Mild Stroke Study 3. <i>European Stroke Journal</i> , 2021, 6, 81-88.	5.5	17
28	Protocol for a systematic review and individual patient data meta-analysis of prognostic factors of foot ulceration in people with diabetes: the international research collaboration for the prediction of diabetic foot ulcerations (PODUS). <i>BMC Medical Research Methodology</i> , 2013, 13, 22.	3.1	15
29	Risk assessments and structured care interventions for prevention of foot ulceration in diabetes: development and validation of a prognostic model. <i>Health Technology Assessment</i> , 2020, 24, 1-198.	2.8	15
30	Association between Striatal Brain Iron Deposition, Microbleeds and Cognition 1 Year After a Minor Ischaemic Stroke. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1293.	4.1	12
31	Prevalence and Significance of the Vessel-Cluster Sign on Susceptibility-Weighted Imaging in Patients With Severe Small Vessel Disease. <i>Neurology</i> , 2022, 99, .	1.1	11
32	MRI Versus CT for Detection of Acute Vascular Lesions in Patients Presenting With Stroke Symptoms. <i>Stroke</i> , 2010, 41, .	2.0	10
33	Effects of Cilostazol and Isosorbide Mononitrate on Cerebral Hemodynamics in the LACI-1 Randomized Controlled Trial. <i>Stroke</i> , 2022, 53, 29-33.	2.0	10
34	Development and validation of a clinical prediction rule for development of diabetic foot ulceration: an analysis of data from five cohort studies. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002150.	2.8	9
35	Impact of Small Vessel Disease Progression on Long-term Cognitive and Functional Changes After Stroke. <i>Neurology</i> , 2022, 98, .	1.1	9
36	Imaging neurovascular, endothelial and structural integrity in preparation to treat small vessel diseases. The INVESTIGATE-SVDs study protocol. Part of the SVDs@Target project. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100020.	0.9	8

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37	Stability of Estimated Premorbid Cognitive Ability over Time after Minor Stroke and Its Relationship with Post-Stroke Cognitive Ability. <i>Brain Sciences</i> , 2019, 9, 117.	2.3	7
38	Post-stroke Cognition at 1 and 3 Years Is Influenced by the Location of White Matter Hyperintensities in Patients With Lacunar Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 634460.	2.4	7
39	Tracer kinetic assessment of blood-brain barrier leakage and blood volume in cerebral small vessel disease: Associations with disease burden and vascular risk factors. <i>NeuroImage: Clinical</i> , 2021, 32, 102883.	2.7	7
40	Relationship between inferior frontal sulcal hyperintensities on brain MRI, ageing and cerebral small vessel disease. <i>Neurobiology of Aging</i> , 2021, 106, 130-138.	3.1	5
41	FDG PET-CT imaging for pre operative staging in patients with colorectal cancer. <i>The Cochrane Library</i> , 0, , .	2.8	4
42	Duplex ultrasound for the diagnosis of symptomatic deep vein thrombosis in the lower limb. <i>The Cochrane Library</i> , 2014, , .	2.8	4
43	Duplex ultrasound for the detection of stenosis after peripheral arterial bypass grafting using autologous vein. <i>The Cochrane Library</i> , 2014, , .	2.8	4
44	Complication rate among people with diabetes at low risk of foot ulceration in Fife, UK: an analysis of routinely collected data. <i>Diabetic Medicine</i> , 2020, 37, 2116-2123.	2.3	3