

Fergus N Doubal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3721554/publications.pdf>

Version: 2024-02-01

67
papers

8,743
citations

101543

36
h-index

98798

67
g-index

70
all docs

70
docs citations

70
times ranked

9221
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.	10.2	3,919
2	Enlarged Perivascular Spaces on MRI Are a Feature of Cerebral Small Vessel Disease. <i>Stroke</i> , 2010, 41, 450-454.	2.0	637
3	Perivascular spaces in the brain: anatomy, physiology and pathology. <i>Nature Reviews Neurology</i> , 2020, 16, 137-153.	10.1	405
4	Improving Interrater Agreement About Brain Microbleeds. <i>Stroke</i> , 2009, 40, 94-99.	2.0	302
5	Lacunar stroke is associated with diffuse blood-brain barrier dysfunction. <i>Annals of Neurology</i> , 2009, 65, 194-202.	5.3	295
6	Prevention of Stroke in Patients With Silent Cerebrovascular Disease: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2017, 48, e44-e71.	2.0	284
7	Enlarged Perivascular Spaces and Cerebral Small Vessel Disease. <i>International Journal of Stroke</i> , 2015, 10, 376-381.	5.9	219
8	Influence of Intracerebral Hemorrhage Location on Incidence, Characteristics, and Outcome. <i>Stroke</i> , 2015, 46, 361-368.	2.0	142
9	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.	1.7	134
10	Effects of antiplatelet therapy after stroke due to intracerebral haemorrhage (RESTART): a randomised, open-label trial. <i>Lancet</i> , The, 2019, 393, 2613-2623.	13.7	134
11	Clinically Confirmed Stroke With Negative Diffusion-Weighted Imaging Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 3142-3148.	2.0	104
12	A Systematic Review of Dynamic Cerebral and Peripheral Endothelial Function in Lacunar Stroke Versus Controls. <i>Stroke</i> , 2010, 41, e434-42.	2.0	103
13	Counting Cavitating Lacunes Underestimates the Burden of Lacunar Infarction. <i>Stroke</i> , 2010, 41, 267-272.	2.0	101
14	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. <i>Alzheimer's and Dementia</i> , 2016, 12, 1235-1249.	0.8	82
15	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337.	4.3	80
16	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
17	Neuropsychiatric symptoms associated with cerebral small vessel disease: a systematic review and meta-analysis. <i>Lancet Psychiatry</i> , the, 2021, 8, 225-236.	7.4	77
18	Changes in Background Blood-brain Barrier Integrity Between Lacunar and Cortical Ischemic Stroke Subtypes. <i>Stroke</i> , 2008, 39, 1327-1332.	2.0	75

#	ARTICLE	IF	CITATIONS
19	Visual Neglect Following Stroke: Current Concepts and Future Focus. <i>Survey of Ophthalmology</i> , 2011, 56, 114-134.	4.0	74
20	Effects of antiplatelet therapy on stroke risk by brain imaging features of intracerebral haemorrhage and cerebral small vessel diseases: subgroup analyses of the RESTART randomised, open-label trial. <i>Lancet Neurology</i> , The, 2019, 18, 643-652.	10.2	68
21	Cilostazol for Secondary Prevention of Stroke and Cognitive Decline. <i>Stroke</i> , 2020, 51, 2374-2385.	2.0	68
22	ESO Guideline on covert cerebral small vessel disease. <i>European Stroke Journal</i> , 2021, 6, CXI-CLXII.	5.5	68
23	Characteristics of patients with minor ischaemic strokes and negative MRI: a cross-sectional study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 540-542.	1.9	62
24	Variation in Risk Factors for Recent Small Subcortical Infarcts With Infarct Size, Shape, and Location. <i>Stroke</i> , 2013, 44, 3000-3006.	2.0	62
25	Use of dynamic contrast-enhanced MRI to measure subtle blood-brain barrier abnormalities. <i>Magnetic Resonance Imaging</i> , 2011, 29, 305-314.	1.8	61
26	Magnetic resonance imaging for assessment of cerebrovascular reactivity in cerebral small vessel disease: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 833-841.	4.3	61
27	Lack of Association of White Matter Lesions with Ipsilateral Carotid Artery Stenosis. <i>Cerebrovascular Diseases</i> , 2012, 33, 378-384.	1.7	59
28	A Comparison of Location of Acute Symptomatic vs. "Silent" Small Vessel Lesions. <i>International Journal of Stroke</i> , 2015, 10, 1044-1050.	5.9	59
29	Associations of Clinical Stroke Misclassification ("Clinical-Imaging Dissociation") in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2010, 29, 395-402.	1.7	58
30	Suitability of UK Biobank Retinal Images for Automatic Analysis of Morphometric Properties of the Vasculature. <i>PLoS ONE</i> , 2015, 10, e0127914.	2.5	56
31	Determining the Modified Rankin Score After Stroke by Postal and Telephone Questionnaires. <i>Stroke</i> , 2012, 43, 851-853.	2.0	52
32	Optimizing the Definitions of Stroke, Transient Ischemic Attack, and Infarction for Research and Application in Clinical Practice. <i>Frontiers in Neurology</i> , 2017, 8, 537.	2.4	51
33	Cerebrovascular reactivity measurement in cerebral small vessel disease: Rationale and reproducibility of a protocol for MRI acquisition and image processing. <i>International Journal of Stroke</i> , 2018, 13, 195-206.	5.9	47
34	Development and initial evaluation of a semi-automatic approach to assess perivascular spaces on conventional magnetic resonance images. <i>Journal of Neuroscience Methods</i> , 2016, 257, 34-44.	2.5	43
35	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
36	Plasma Biomarkers of Inflammation, Endothelial Function and Hemostasis in Cerebral Small Vessel Disease. <i>Cerebrovascular Diseases</i> , 2015, 40, 157-164.	1.7	40

#	ARTICLE	IF	CITATIONS
37	Little Association between Intracranial Arterial Stenosis and Lacunar Stroke. <i>Cerebrovascular Diseases</i> , 2011, 31, 12-18.	1.7	37
38	Tolerability, safety and intermediary pharmacological effects of cilostazol and isosorbide mononitrate, alone and combined, in patients with lacunar ischaemic stroke: The LACunar Intervention-1 (LACI-1) trial, a randomised clinical trial. <i>EClinicalMedicine</i> , 2019, 11, 34-43.	7.1	36
39	Retinal Arteriolar Geometry is Associated with Cerebral White Matter Hyperintensities on Magnetic Resonance Imaging. <i>International Journal of Stroke</i> , 2010, 5, 434-439.	5.9	33
40	The impact of early-life intelligence quotient on post stroke cognitive impairment. <i>European Stroke Journal</i> , 2018, 3, 145-156.	5.5	31
41	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
42	Small Vessel Disease and Dietary Salt Intake: Cross-Sectional Study and Systematic Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 3020-3028.	1.6	29
43	Endothelial Function, Inflammation, Thrombosis, and Basal Ganglia Perivascular Spaces in Patients with Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2925-2931.	1.6	28
44	Retinal microvascular network geometry and cognitive abilities in community-dwelling older people: The Lothian Birth Cohort 1936 study. <i>British Journal of Ophthalmology</i> , 2017, 101, 993-998.	3.9	25
45	Effects of Antiplatelet Therapy After Stroke Caused by Intracerebral Hemorrhage. <i>JAMA Neurology</i> , 2021, 78, 1179.	9.0	25
46	Preventing cognitive decline and dementia from cerebral small vessel disease: The LACI-1 Trial. Protocol and statistical analysis plan of a phase IIa dose escalation trial testing tolerability, safety and effect on intermediary endpoints of isosorbide mononitrate and cilostazol, separately and in combination. <i>International Journal of Stroke</i> , 2018, 13, 530-538.	5.9	22
47	Maintaining hope after a disabling stroke: A longitudinal qualitative study of patients' experiences, views, information needs and approaches towards making treatment decisions. <i>PLoS ONE</i> , 2019, 14, e0222500.	2.5	22
48	Protocol: The Lacunar Intervention Trial 2 (LACI-2). A trial of two repurposed licenced drugs to prevent progression of cerebral small vessel disease. <i>European Stroke Journal</i> , 2020, 5, 297-308.	5.5	22
49	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
50	Relationship Between Venules and Perivascular Spaces in Sporadic Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 1503-1506.	2.0	20
51	Early life characteristics and late life burden of cerebral small vessel disease in the Lothian Birth Cohort 1936. <i>Aging</i> , 2016, 8, 2039-2061.	3.1	20
52	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
53	Rates, risks and routes to reduce vascular dementia (R4vad), a UK-wide multicentre prospective observational cohort study of cognition after stroke: Protocol. <i>European Stroke Journal</i> , 2021, 6, 89-101.	5.5	15
54	Retinopathy in Ischemic Stroke Subtypes. <i>Stroke</i> , 2009, 40, 389-393.	2.0	14

#	ARTICLE	IF	CITATIONS
55	Predictors of Lesion Cavitation After Recent Small Subcortical Stroke. <i>Translational Stroke Research</i> , 2020, 11, 402-411.	4.2	12
56	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
57	The effect of different combinations of vascular, dependency and cognitive endpoints on the sample size required to detect a treatment effect in trials of treatments to improve outcome after lacunar and non-lacunar ischaemic stroke. <i>European Stroke Journal</i> , 2018, 3, 66-73.	5.5	10
58	On the computational assessment of white matter hyperintensity progression: difficulties in method selection and bias field correction performance on images with significant white matter pathology. <i>Neuroradiology</i> , 2016, 58, 475-485.	2.2	9
59	Effects of Isosorbide Mononitrate and/or Cilostazol on Hematological Markers, Platelet Function, and Hemodynamics in Patients With Lacunar Ischaemic Stroke: Safety Data From the Lacunar Intervention-1 (LACI-1) Trial. <i>Frontiers in Neurology</i> , 2019, 10, 723.	2.4	9
60	Impact of Small Vessel Disease Progression on Long-term Cognitive and Functional Changes After Stroke. <i>Neurology</i> , 2022, 98, .	1.1	9
61	Interhemispheric characterization of small vessel disease imaging markers after subcortical infarct. <i>Brain and Behavior</i> , 2017, 7, e00595.	2.2	8
62	Clinical diagnosis of TIA or minor stroke and prognosis in patients with neurological symptoms: A rapid access clinic cohort. <i>PLoS ONE</i> , 2019, 14, e0210452.	2.5	7
63	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
64	Reporting "specific abilities" after major stroke to better describe prognosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104993.	1.6	4
65	A Framework for Jointly Assessing and Reducing Imaging Artefacts Automatically Using Texture Analysis and Total Variation Optimisation for Improving Perivascular Spaces Quantification in Brain Magnetic Resonance Imaging. <i>Communications in Computer and Information Science</i> , 2020, , 171-183.	0.5	4
66	Predicting specific abilities after disabling stroke: Development and validation of prognostic models. <i>International Journal of Stroke</i> , 2021, 16, 935-943.	5.9	3
67	Selective Motion Artefact Reduction via Radiomics and k-space Reconstruction for Improving Perivascular Space Quantification in Brain Magnetic Resonance Imaging. <i>Lecture Notes in Computer Science</i> , 2021, , 151-164.	1.3	1