

# Grant Mair

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,723  
citations

394286

19  
h-index

302012

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arterial Stiffness Is Independently Associated with Emphysema Severity in Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 1208-1214.	2.5	252
2	Acute Stroke Imaging Research Roadmap II. <i>Stroke</i> , 2013, 44, 2628-2639.	1.0	192
3	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
4	Outcomes of pregnancies in women with type 1 diabetes in Scotland: a national population-based study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2003, 110, 315-318.	1.1	159
5	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
6	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
7	Airway dimensions in COPD: Relationships with clinical variables. <i>Respiratory Medicine</i> , 2010, 104, 1683-1690.	1.3	71
8	Cerebral White Matter Hypoperfusion Increases with Small-Vessel Disease Burden. Data From the Third International Stroke Trial. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1506-1513.	0.7	61
9	Imaging of acute stroke prior to treatment: current practice and evolving techniques. <i>British Journal of Radiology</i> , 2014, 87, 20140216.	1.0	57
10	Computed tomographic emphysema distribution: relationship to clinical features in a cohort of smokers. <i>European Respiratory Journal</i> , 2009, 33, 536-542.	3.1	50
11	A daily temperature rhythm in the human brain predicts survival after brain injury. <i>Brain</i> , 2022, 145, 2031-2048.	3.7	47
12	Observer reliability of CT angiography in the assessment of acute ischaemic stroke: data from the Third International Stroke Trial. <i>Neuroradiology</i> , 2015, 57, 1-9.	1.1	38
13	Prehospital Transdermal Glyceryl Trinitrate for Ultra-Acute Intracerebral Hemorrhage. <i>Stroke</i> , 2019, 50, 3064-3071.	1.0	36
14	Effect of alteplase on the CT hyperdense artery sign and outcome after ischemic stroke. <i>Neurology</i> , 2016, 86, 118-125.	1.5	33
15	Arterial Obstruction on Computed Tomographic or Magnetic Resonance Angiography and Response to Intravenous Thrombolytics in Ischemic Stroke. <i>Stroke</i> , 2017, 48, 353-360.	1.0	33
16	The relationship between birth weight and maternal glycosylated haemoglobin (HbA1c) concentration in pregnancies complicated by Type 1 diabetes. <i>Diabetic Medicine</i> , 2003, 20, 162-166.	1.2	31
17	A validated natural language processing algorithm for brain imaging phenotypes from radiology reports in UK electronic health records. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 184.	1.5	28
18	Rapid Automated Quantification of Cerebral Leukoaraiosis on CT Images: A Multicenter Validation Study. <i>Radiology</i> , 2018, 288, 573-581.	3.6	25

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19	Text mining brain imaging reports. <i>Journal of Biomedical Semantics</i> , 2019, 10, 23.	0.9	23
20	Accuracy of Automated Computer-Aided Diagnosis for Stroke Imaging: A Critical Evaluation of Current Evidence. <i>Stroke</i> , 2022, 53, 2393-2403.	1.0	22
21	Ambulance-delivered transdermal glyceryl trinitrate versus sham for ultra-acute stroke: Rationale, design and protocol for the Rapid Intervention with Glyceryl trinitrate in Hypertensive stroke Trial-2 (RIGHT-2) trial (ISRCTN26986053). <i>International Journal of Stroke</i> , 2019, 14, 191-206.	2.9	20
22	Computational Image Analysis of Nonenhanced Computed Tomography for Acute Ischaemic Stroke: A Systematic Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104715.	0.7	19
23	Brain imaging abnormalities and outcome after acute ischaemic stroke: the ENCHANTED trial. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1290-1296.	0.9	16
24	Low-Dose vs Standard-Dose Alteplase in Acute Lacunar Ischemic Stroke. <i>Neurology</i> , 2021, 96, e1512-e1526.	1.5	16
25	Prognostic implications of a biphasic waveform for APTT analysis in a district general hospital. <i>International Journal of Laboratory Hematology</i> , 2007, 30, 071008041648002-???	0.7	11
26	Penumbra and re-canalization acute computed tomography in ischemic stroke evaluation: PRACTISE study protocol. <i>International Journal of Stroke</i> , 2017, 12, 671-678.	2.9	11
27	Feasibility and diagnostic accuracy of using brain attenuation changes on CT to estimate time of ischemic stroke onset. <i>Neuroradiology</i> , 2021, 63, 869-878.	1.1	10
28	Imaging perfusion deficits, arterial patency and thrombolysis safety and efficacy in acute ischaemic stroke. An observational study of the effect of advanced imaging methods in The Third International Stroke Trial (IST-3), a randomised controlled trial. <i>Efficacy and Mechanism Evaluation</i> , 2014, 1, 1-91.	0.9	10
29	Effect of IV alteplase on the ischemic brain lesion at 24-48 hours after ischemic stroke. <i>Neurology</i> , 2018, 91, e2067-e2077.	1.5	9
30	Intensive versus guideline-recommended blood pressure reduction in acute lacunar stroke with intravenous thrombolysis therapy: The ENCHANTED trial. <i>European Journal of Neurology</i> , 2021, 28, 783-793.	1.7	8
31	Survey of UK radiology trainees in the aftermath of "Modernising Medical Careers"™. <i>BMC Medical Education</i> , 2012, 12, 93.	1.0	7
32	Thrombolysis Outcomes in Acute Ischemic Stroke by Fluid-Attenuated Inversion Recovery Hyperintense Arteries. <i>Stroke</i> , 2020, 51, 2240-2243.	1.0	7
33	Hyperdense artery sign, symptomatic infarct swelling and effect of alteplase in acute ischaemic stroke. <i>Stroke and Vascular Neurology</i> , 2021, 6, 238-243.	1.5	6
34	Blood pressure variability and leukoaraiosis in acute ischemic stroke. <i>International Journal of Stroke</i> , 2018, 13, 473-480.	2.9	5
35	Observer Agreement on Computed Tomography Perfusion Imaging in Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 3108-3114.	1.0	5
36	Real-world Independent Testing of e-ASPECTS Software (RITeS): statistical analysis plan. <i>AMRC Open Research</i> , 0, 2, 20.	1.7	4

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37	Pre-hospital transdermal glyceryl trinitrate in patients with stroke mimics: data from the RIGHT-2 randomised-controlled ambulance trial. <i>BMC Emergency Medicine</i> , 2022, 22, 2.	0.7	4
38	Effect of X-Ray Attenuation of Arterial Obstructions on Intravenous Thrombolysis and Outcome after Ischemic Stroke. <i>PLoS ONE</i> , 2015, 10, e0145683.	1.1	3
39	Manually-parcellated gyral data accounting for all known anatomical variability. <i>Scientific Data</i> , 2019, 6, 190001.	2.4	2
40	Normal Appearing Ischaemic Brain Tissue on CT and Outcome After Intravenous Alteplase. <i>Frontiers in Radiology</i> , 0, 2, .	1.2	2
41	Lack of flow on time-of-flight MR angiography does not always indicate occlusion. <i>BJR   case Reports</i> , 2016, 2, 20150187.	0.1	1
42	Thrombolysis outcomes according to arterial characteristics of acute ischemic stroke by alteplase dose and blood pressure target. <i>International Journal of Stroke</i> , 2021, , 174749302110254.	2.9	0