

Andrew Donald Robertson

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,056
citations

471061

17
h-index

454577

30
g-index

48
all docs

48
docs citations

48
times ranked

2003
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased postflight carotid artery stiffness and in-flight insulin resistance resulting from 6-month spaceflight in male and female astronauts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H628-H638.	1.5	145
2	ExploreASL: An image processing pipeline for multi-center ASL perfusion MRI studies. <i>NeuroImage</i> , 2020, 219, 117031.	2.1	80
3	The spatial coefficient of variation in arterial spin labeling cerebral blood flow images. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3184-3192.	2.4	76
4	“Under pressure”: is there a link between orthostatic hypotension and cognitive impairment in ±-synucleinopathies?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1311-1321.	0.9	75
5	A single session of exercise increases connectivity in sensorimotor-related brain networks: a resting-state fMRI study in young healthy adults. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 625.	1.0	65
6	Prior moderate and heavy exercise accelerate oxygen uptake and cardiac output kinetics in endurance athletes. <i>Journal of Applied Physiology</i> , 2009, 106, 1553-1563.	1.2	59
7	The ENIGMA Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	1.9	54
8	Aerobic Training and Mobilization Early Post-stroke: Cautions and Considerations. <i>Frontiers in Neurology</i> , 2019, 10, 1187.	1.1	49
9	Cerebral perfusion changes in presymptomatic genetic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2019, 142, 1108-1120.	3.7	41
10	Automated removal of spurious intermediate cerebral blood flow volumes improves image quality among older patients: A clinical arterial spin labeling investigation. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1377-1385.	1.9	35
11	Orthostatic hypotension, cerebral hypoperfusion, and visuospatial deficits in Lewy body disorders. <i>Parkinsonism and Related Disorders</i> , 2016, 22, 80-86.	1.1	35
12	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. <i>Scientific Data</i> , 2022, 9, .	2.4	33
13	Hemodynamics and brain blood flow during posture change in younger women and postmenopausal women compared with age-matched men. <i>Journal of Applied Physiology</i> , 2012, 112, 1482-1493.	1.2	32
14	Exercise intensity modulates the change in cerebral blood flow following aerobic exercise in chronic stroke. <i>Experimental Brain Research</i> , 2015, 233, 2467-2475.	0.7	27
15	Association between arterial stiffness and cerebrovascular resistance in the elderly. <i>Journal of Human Hypertension</i> , 2010, 24, 190-196.	1.0	25
16	Exercise Training Increases Parietal Lobe Cerebral Blood Flow in Chronic Stroke: An Observational Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 318.	1.7	23
17	Regional Cerebral Arterial Transit Time Hemodynamics Correlate with Vascular Risk Factors and Cognitive Function in Men with Coronary Artery Disease. <i>American Journal of Neuroradiology</i> , 2015, 36, 295-301.	1.2	21
18	Temporal and Spatial Variances in Arterial Spin-Labeling Are Inversely Related to Large-Artery Blood Velocity. <i>American Journal of Neuroradiology</i> , 2017, 38, 1555-1561.	1.2	19

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19	Attention-Related Brain Activation Is Altered in Older Adults With White Matter Hyperintensities Using Multi-Echo fMRI. <i>Frontiers in Neuroscience</i> , 2018, 12, 748.	1.4	18
20	<p></p>Orthostatic hypotension and dementia incidence: links and implications</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2181-2194.	1.0	17
21	Assessing cerebrovascular autoregulation from critical closing pressure and resistance area product during upright posture in aging and hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H124-H133.	1.5	14
22	A Novel Framework for Estimating Time-Varying Multivariate Autoregressive Models and Application to Cardiovascular Responses to Acute Exercise. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 3257-3266.	2.5	13
23	Cerebrovascular Pulsatility During Rest and Exercise Reflects Hemodynamic Impairment in Stroke and Cerebral Small Vessel Disease. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 3116-3127.	0.7	12
24	Cerebrovascular blood oxygenation level dependent pulsatility at baseline and following acute exercise among healthy adolescents. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1737-1749.	2.4	12
25	Increased central arterial stiffness and altered cerebrovascular haemodynamic properties in South Asian older adults. <i>Journal of Human Hypertension</i> , 2016, 30, 309-314.	1.0	8
26	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e025109.	1.6	8
27	Visual Working Memory Encoding and Recognition in Good Outcome Aneurysmal Subarachnoid Patients. <i>Frontiers in Neurology</i> , 2018, 9, 494.	1.1	7
28	Acute reduction in cerebral blood velocity on supine-to-stand transition increases postural instability in young adults. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H1342-H1353.	1.5	7
29	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. <i>Brain Communications</i> , 2021, 3, fcb254.	1.5	7
30	Brain tissue pulsatility is related to clinical features of Parkinson's disease. <i>NeuroImage: Clinical</i> , 2018, 20, 222-227.	1.4	5
31	Cardiac-Related Pulsatility in the Insula Is Directly Associated With Middle Cerebral Artery Pulsatility Index. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1454-1462.	1.9	5
32	Optical Hemodynamic Imaging of Jugular Venous Dynamics During Altered Central Venous Pressure. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2582-2591.	2.5	5
33	Cerebral Blood Flow and Core Mood Symptoms in Youth Bipolar Disorder: Evidence for Region-Specific Symptom Specificity. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1455-1465.	0.3	5
34	Lower Thalamic Blood Flow Is Associated With Slower Stride Velocity in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 571074.	1.7	4
35	Sex differences in the autonomic and cerebrovascular responses to upright tilt. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 229, 102742.	1.4	4
36	Sex-Dependent jugular vein optical attenuation and distension during head-down tilt and lower body negative pressure. <i>Physiological Reports</i> , 2022, 10, e15179.	0.7	4

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37	Carotid pulse pressure and intima media thickness are independently associated with cerebral hemodynamic pulsatility in community-living older adults. <i>Journal of Human Hypertension</i> , 2020, 34, 768-777.	1.0	2
38	Evidence for increased cardiovascular risk to crew during long duration space missions. <i>Journal of Applied Physiology</i> , 2020, 129, 1111-1112.	1.2	1
39	Cerebrovascular assessments to help understand brain-related changes associated with aerobic exercise after stroke. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 412-415.	0.9	1
40	Priming Exercise Induced Attenuation Of VO2 Slow Component Is Associated With Changes In Muscle EMG Activity. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 385.	0.2	0
41	PO-14 RELATIONSHIP BETWEEN CAROTID ARTERY STIFFNESS AND ALTERED CEREBROVASCULAR HEMODYNAMICS IN SOUTH ASIAN INDIAN OLDER ADULTS. <i>Artery Research</i> , 2014, 8, 171.	0.3	0
42	PO-28 CHANGES IN CEREBROVASCULAR PULSATILITY DURING AEROBIC EXERCISE ARE UNRELATED TO BRACHIAL-ANKLE PULSE WAVE VELOCITY IN CHRONIC STROKE. <i>Artery Research</i> , 2014, 8, 176.	0.3	0
43	PULSATILE CEREBRAL BLOOD FLOW PROPERTIES ARE RELATED TO CAROTID INTIMA-MEDIA THICKNESS IN SOUTH ASIAN INDIAN OLDER ADULTS. <i>Canadian Journal of Cardiology</i> , 2015, 31, S52-S53.	0.8	0
44	Circadian Rhythm Affects Oxygen Uptake Kinetics In Moderate Not Heavy Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S116.	0.2	0