

Alun D Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

686
papers

25,749
citations

9428

76
h-index

14386

132
g-index

751
all docs

751
docs citations

751
times ranked

30402
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of afterload and infiltration on coexisting aortic stenosis and transthyretin amyloidosis. <i>Heart</i> , 2022, 108, 67-72.	1.2	8
2	Type 2 diabetes risks and determinants in second-generation migrants and mixed ethnicity people of South Asian and African Caribbean descent in the UK. <i>Diabetologia</i> , 2022, 65, 113-127.	2.9	7
3	Pre-existing polymerase-specific T cells expand in abortive seronegative SARS-CoV-2. <i>Nature</i> , 2022, 601, 110-117.	13.7	280
4	Multiphysics Modelling and Simulation of Thrombolysis via Activated Platelet-Targeted Nanomedicine. <i>Pharmaceutical Research</i> , 2022, 39, 41-56.	1.7	3
5	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young. <i>Journal of the American Heart Association</i> , 2022, 11, e024380.	1.6	35
6	Carotid Reservoir Pressure Decrease After Prolonged Head Down Tilt Bed Rest in Young Healthy Subjects Is Associated With Reduction in Left Ventricular Ejection Time and Diastolic Length. <i>Frontiers in Physiology</i> , 2022, 13, 866045.	1.3	2
7	The UK Coronavirus Job Retention Scheme and diet, physical activity, and sleep during the COVID-19 pandemic: evidence from eight longitudinal population surveys. <i>BMC Medicine</i> , 2022, 20, 147.	2.3	8
8	Study protocol: MyoFit46—the cardiac sub-study of the MRC National Survey of Health and Development. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 140.	0.7	4
9	Is carotid artery atherosclerosis associated with poor cognitive function assessed using the Mini-Mental State Examination? A systematic review and meta-analysis. <i>BMJ Open</i> , 2022, 12, e055131.	0.8	3
10	Declining Levels and Bioavailability of IGF-I in Cardiovascular Aging Associate With QT Prolongation—Results From the 1946 British Birth Cohort. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 863988.	1.1	1
11	Relationship Between Image Quality and Bias in 3D Echocardiographic Measures: Data From the SABRE (Southall and Brent Revisited) Study. <i>Journal of the American Heart Association</i> , 2022, 11, e019183.	1.6	6
12	Bayesian Nonparametric Modelling of Multiple Graphs with an Application to Ethnic Metabolic Differences. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2022, 71, 1181-1204.	0.5	1
13	Association between carotid atherosclerosis and brain activation patterns during the Stroop task in older adults: An fNIRS investigation. <i>NeuroImage</i> , 2022, 257, 119302.	2.1	3
14	A lifecourse mendelian randomization study highlights the long-term influence of childhood body size on later life heart structure. <i>PLoS Biology</i> , 2022, 20, e3001656.	2.6	11
15	Metabolic profiles of socio-economic position: a multi-cohort analysis. <i>International Journal of Epidemiology</i> , 2021, 50, 768-782.	0.9	15
16	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 738-746.	0.8	10
17	Cardiovascular disease recurrence and long-term mortality in a tri-ethnic British cohort. <i>Heart</i> , 2021, 107, 996-1002.	1.2	7
18	Feasibility and Validity of Computed Tomography-Derived Fractional Flow Reserve in Patients With Severe Aortic Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009586.	1.4	30

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19	Joint Modeling of Individual Trajectories, Within-Individual Variability, and a Later Outcome: Systolic Blood Pressure Through Childhood and Left Ventricular Mass in Early Adulthood. <i>American Journal of Epidemiology</i> , 2021, 190, 652-662.	1.6	5
20	Establishing reference intervals for triglyceride-containing lipoprotein subfraction metabolites measured using nuclear magnetic resonance spectroscopy in a UK population. <i>Annals of Clinical Biochemistry</i> , 2021, 58, 47-53.	0.8	2
21	Determinants of Intima-Media Thickness in the Young. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 468-478.	2.3	43
22	Identifying Isolated Systolic Hypertension From Upper-Arm Cuff Blood Pressure Compared With Invasive Measurements. <i>Hypertension</i> , 2021, 77, 632-639.	1.3	4
23	Medical Curriculum: How Do We Manage Incidental Findings in Educational Settings?. <i>Medical Science Educator</i> , 2021, 31, 893-895.	0.7	0
24	Sex differences in the contribution of different physiological systems to physical function in older adults. <i>GeroScience</i> , 2021, 43, 443-455.	2.1	3
25	Physiological and clinical insights from reservoir-excess pressure analysis. <i>Journal of Human Hypertension</i> , 2021, 35, 758-768.	1.0	7
26	Longitudinal birth cohort study finds that life-course frailty associates with later-life heart size and function. <i>Scientific Reports</i> , 2021, 11, 6272.	1.6	6
27	Puberty timing and markers of cardiovascular structure and function at 25 years: a prospective cohort study. <i>BMC Medicine</i> , 2021, 19, 78.	2.3	10
28	Evaluating access to health and care services during lockdown by the COVID-19 survey in five UK national longitudinal studies. <i>BMJ Open</i> , 2021, 11, e045813.	0.8	57
29	Study Protocol: The Heart and Brain Study. <i>Frontiers in Physiology</i> , 2021, 12, 643725.	1.3	2
30	Metformin and carotid intima-media thickness in never-smokers with type 1 diabetes: The REMOVAL trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1371-1378.	2.2	11
31	Distinct Body Mass Index Trajectories to Young-Adulthood Obesity and Their Different Cardiometabolic Consequences. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1580-1593.	1.1	14
32	ELEVATED EXCESS PRESSURE INTEGRAL IS ASSOCIATED WITH VASCULAR BIOMARKERS OF SUBCLINICAL ATHEROSCLEROSIS IN OLDER ADULTS. <i>Journal of Hypertension</i> , 2021, 39, e314.	0.3	0
33	Impact of lockdown on key workers: findings from the COVID-19 survey in four UK national longitudinal studies. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 955-962.	2.0	15
34	SUBSTANTIAL CHANGES IN CARDIOVASCULAR HEALTH OCCUR FROM ADOLESCENCE TO EMERGING ADULTHOOD. <i>Journal of Hypertension</i> , 2021, 39, e4.	0.3	0
35	Cardiorespiratory fitness, fatness, and the acute blood pressure response to exercise in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1693-1698.	1.3	5
36	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial Perfusion CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2107-2119.	2.3	18

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37	Effect of a Multicomponent Intervention on Antihypertensive Medication Intensification in Rural South Asia: Post Hoc Analysis of a Cluster RCT. <i>American Journal of Hypertension</i> , 2021, 34, 981-988.	1.0	1
38	Changes in the behavioural determinants of health during the COVID-19 pandemic: gender, socioeconomic and ethnic inequalities in five British cohort studies. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 1136-1142.	2.0	62
39	182â€¦Tissue doppler Eâ€™™ velocity and E/eâ€™™ predict 19-year cardiovascular mortality in hypertension. , 2021, , .		0
40	93â€¦Insulin resistance is associated with QT prolongation in the 1946 british birth cohort. , 2021, , .		0
41	2â€¦Differential effects of left ventricular hypertrophy on coronary haemodynamics in aortic stenosis and hypertension. , 2021, , .		1
42	Patients with aortic stenosis exhibit early improved endothelial function following transcatheter aortic valve replacement: The eFAST study. <i>International Journal of Cardiology</i> , 2021, 332, 143-147.	0.8	5
43	Blood pressure variability and night-time dipping assessed by 24-hour ambulatory monitoring: Cross-sectional association with cardiac structure in adolescents. <i>PLoS ONE</i> , 2021, 16, e0253196.	1.1	4
44	118â€¦Life-course environment-wide association study (EWAS) for left ventricular diastolic dysfunction in the 1946 British birth cohort. , 2021, , .		1
45	191â€¦Associations of non-alcoholic fatty liver disease with subclinical atherosclerosis and echocardiography measurements in young adults. , 2021, , .		0
46	Fibrinogen-mimicking, multiarm nanovesicles for human thrombus-specific delivery of tissue plasminogen activator and targeted thrombolytic therapy. <i>Science Advances</i> , 2021, 7, .	4.7	33
47	190â€¦Association between carotid distensibility and heart rate variability in older age. , 2021, , .		0
48	Reservoir-Excess Pressure Parameters Independently Predict Cardiovascular Events in Individuals With Type 2 Diabetes. <i>Hypertension</i> , 2021, 78, 40-50.	1.3	4
49	The Relationship Between Oxygen Uptake and the Rate of Myocardial Deformation During Exercise. <i>Bioengineered</i> , 2021, 10, 85-93.	1.4	0
50	Childhood Bradycardia Associates With Atrioventricular Conduction Defects in Older Age: A Longitudinal Birth Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e021877.	1.6	0
51	1517The effect of pregnancy on cardiovascular health in early adulthood: a difference in difference analysis. <i>International Journal of Epidemiology</i> , 2021, 50, .	0.9	0
52	Socioeconomic inequalities in prevalence and development of multimorbidity across adulthood: A longitudinal analysis of the MRC 1946 National Survey of Health and Development in the UK. <i>PLoS Medicine</i> , 2021, 18, e1003775.	3.9	14
53	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	9.4	218
54	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life. <i>Neurobiology of Aging</i> , 2021, 112, 161-169.	1.5	1

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55	Limited value of pulse wave analysis in assessing arterial wave reflection and stiffness in the pulmonary artery. <i>Physiological Reports</i> , 2021, 9, e15024.	0.7	1
56	Blood transcriptional biomarkers of acute viral infection for detection of pre-symptomatic SARS-CoV-2 infection: a nested, case-control diagnostic accuracy study. <i>Lancet Microbe</i> , The, 2021, 2, e508-e517.	3.4	52
57	Covid-19 Effects on ARTERial Stiffness and Vascular AgeiNg: CARTESIAN Study Rationale and Protocol. <i>Artery Research</i> , 2021, 27, 59.	0.3	19
58	Cholesteryl ester transfer protein (CETP) as a drug target for cardiovascular disease. <i>Nature Communications</i> , 2021, 12, 5640.	5.8	57
59	Validation of lipid-related therapeutic targets for coronary heart disease prevention using human genetics. <i>Nature Communications</i> , 2021, 12, 6120.	5.8	13
60	Modelling ethnic differences in the distribution of insulin resistance via Bayesian nonparametric processes: an application to the SABRE cohort study. <i>International Journal of Biostatistics</i> , 2021, 17, 153-164.	0.4	2
61	12â€...Myocardial inflammation and diffuse fibrosis underpin the electrophysiological derangements of the ageing human heartâ€“A CMR-ECGI study. , 2021, , .		0
62	11â€...A medical device-grade T2 phantom for quality assurance of inflammation imaging by CMR. , 2021, , .		0
63	Excess pressure as an analogue of blood flow velocity. <i>Journal of Hypertension</i> , 2021, 39, 421-427.	0.3	5
64	Antihypertensive Medication Use and Its Effects on Blood Pressure and Haemodynamics in a Tri-ethnic Population Cohort: Southall and Brent Revisited (SABRE). <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 795267.	1.1	1
65	Age-specific reference values for carotid arterial stiffness estimated by ultrasonic wall tracking. <i>Journal of Human Hypertension</i> , 2020, 34, 214-222.	1.0	34
66	Associations between family history and coronary artery calcium and coronary heart disease in British Europeans and South Asians. <i>International Journal of Cardiology</i> , 2020, 300, 39-42.	0.8	8
67	Masked hypertension and submaximal exercise blood pressure among adolescents from the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 25-30.	1.3	17
68	Non-invasive assessment of ventriculo-arterial coupling using aortic wave intensity analysis combining central blood pressure and phase-contrast cardiovascular magnetic resonance. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 805-813.	0.5	17
69	Influence of Renal Transplantation and Living Kidney Donation on Large Artery Stiffness and Peripheral Vascular Resistance. <i>American Journal of Hypertension</i> , 2020, 33, 234-242.	1.0	10
70	Improvements in Skeletal Muscle Can Be Detected Using Broadband NIRS in First-Time Marathon Runners. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 245-251.	0.8	2
71	Training for a First-Time Marathon Reverses Age-Related Aortic Stiffening. <i>Journal of the American College of Cardiology</i> , 2020, 75, 60-71.	1.2	40
72	Type 2 diabetes does not account for ethnic differences in exercise capacity or skeletal muscle function in older adults. <i>Diabetologia</i> , 2020, 63, 624-635.	2.9	8

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73	Role of the Metabolic Profile in Mediating the Relationship Between Body Mass Index and Left Ventricular Mass in Adolescents: Analysis of a Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2020, 9, e016564.	1.6	5
74	Cohort Profile Update: Southall and Brent Revisited (SABRE) study: a UK population-based comparison of cardiovascular disease and diabetes in people of European, South Asian and African Caribbean heritage. <i>International Journal of Epidemiology</i> , 2020, 49, 1441-1442e.	0.9	21
75	Mechanisms of Aortic Flow Deceleration and the Effect of Wave Reflection on Left Ventricular Function. <i>Frontiers in Physiology</i> , 2020, 11, 578701.	1.3	5
76	THE PREVALENCE OF SUBCLINICAL LEFT VENTRICULAR SYSTOLIC DYSFUNCTION BY 3D-GLOBAL LONGITUDINAL STRAIN IN SOUTH ASIANS COMPARED TO WHITES EUROPEANS AND THE ROLE OF CENTRAL OBESITY: THE SOUTHALL AND BRENT REVISITED (SABRE) STUDY. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1656.	1.2	3
77	Cuff Under Pressure for Greater Accuracy. <i>Current Hypertension Reports</i> , 2020, 22, 93.	1.5	4
78	Subclinical macro and microvascular disease is differently associated with depressive symptoms in men and women: Findings from the SABRE population-based study. <i>Atherosclerosis</i> , 2020, 312, 35-42.	0.4	0
79	Imaging Protocol, Feasibility, and Reproducibility of Cardiovascular Phenotyping in a Large Tri-Ethnic Population-Based Study of Older People: The Southall and Brent Revisited (SABRE) Study. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 591946.	1.1	6
80	Vascular risk factors and amyloid pathology: Additive or interactive associations?. <i>Alzheimer's and Dementia</i> , 2020, 16, e037922.	0.4	0
81	Lifetime cigarette smoking and later-life brain health: The population-based 1946 British Birth Cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e041111.	0.4	1
82	Mid-life blood pressure and microstructural white matter: Findings from the 1946 British birth cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e045707.	0.4	0
83	Genetic aetiology of blood pressure relates to aortic stiffness with bi-directional causality: evidence from heritability, blood pressure polymorphisms, and Mendelian randomization. <i>European Heart Journal</i> , 2020, 41, 3314-3322.	1.0	27
84	Recreational marathon running does not cause exercise-induced left ventricular hypertrabeculation. <i>International Journal of Cardiology</i> , 2020, 315, 67-71.	0.8	10
85	Effect of adiposity on differences in carotid plaque burden in studies conducted in Norway and Russia: a cross-sectional analysis of two populations at very different risk of cardiovascular mortality. <i>BMJ Open</i> , 2020, 10, e036583.	0.8	3
86	Reply. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2278-2279.	1.2	0
87	Acute Effects of Transcatheter Aortic Valve Replacement on Central Aortic Hemodynamics in Patients With Severe Aortic Stenosis. <i>Hypertension</i> , 2020, 75, 1557-1564.	1.3	12
88	Weight Loss After Bariatric Surgery Significantly Improves Carotid and Cardiac Function in Apparently Healthy People with Morbid Obesity. <i>Obesity Surgery</i> , 2020, 30, 3776-3783.	1.1	12
89	The modified arterial reservoir: An update with consideration of asymptotic pressure (P_{∞}) and zero-flow pressure (P_{zf}). <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 1288-1299.	1.0	17
90	Feasibility of Estimation of Aortic Wave Intensity Using Non-invasive Pressure Recordings in the Absence of Flow Velocity in Man. <i>Frontiers in Physiology</i> , 2020, 11, 550.	1.3	10

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91	Circulating Fatty Acids and Risk of Coronary Heart Disease and Stroke: Individual Participant Data Meta-Analysis in Up to 16126 Participants. <i>Journal of the American Heart Association</i> , 2020, 9, e013131.	1.6	36
92	The association between anthropometric measures of adiposity and the progression of carotid atherosclerosis. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 138.	0.7	8
93	Angiographic Functional Scoring of Coronary Artery Disease Predicts Mortality in Patients With Severe Aortic Stenosis Undergoing TAVR. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 1336-1342.	0.3	0
94	The influence of fitness on exercise blood pressure and its association with cardiac structure in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1033-1039.	1.3	4
95	Influence of Age on Upper Arm Cuff Blood Pressure Measurement. <i>Hypertension</i> , 2020, 75, 844-850.	1.3	27
96	Associations between high blood pressure and DNA methylation. <i>PLoS ONE</i> , 2020, 15, e0227728.	1.1	37
97	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. <i>Frontiers in Physiology</i> , 2020, 11, 232.	1.3	12
98	Yoga-Based Cardiac Rehabilitation After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1551-1561.	1.2	55
99	Triglyceride-containing lipoprotein sub-fractions and risk of coronary heart disease and stroke: A prospective analysis in 11,560 adults. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1617-1626.	0.8	19
100	490-P: Renal Effects of Metformin in Type 1 Diabetes (T1D): The REMOVAL Trial. <i>Diabetes</i> , 2020, 69, .	0.3	0
101	OP21-...Inequalities in the prevalence and development of multimorbidity across adulthood: findings from the 1946 national survey of health & development. , 2020, , .		0
102	Report from the Annual Conference of the British Society of Echocardiography, October 2018, ACC Liverpool, Liverpool. <i>Echo Research and Practice</i> , 2020, 7, M1.	0.6	0
103	Automatic artery/vein classification in colour retinal images. , 2020, , .		3
104	Study Protocol "Insight 46 Cardiovascular: A Sub-study of the MRC National Survey of Health and Development. <i>Artery Research</i> , 2020, 26, 170-179.	0.3	2
105	YI 1.2 Ideal Cardiovascular Health Score Declines from Adolescence to Emerging Adulthood. <i>Artery Research</i> , 2020, 26, S2-S2.	0.3	0
106	Cardiovascular disease recurrence and long-term mortality in a tri-ethnic British cohort: a retrospective study. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
107	Associations between life-course frailty and later-life heart size and function in the 1946 NSHD British birth cohort-an epidemiological study. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
108	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0

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109	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
110	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
111	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
112	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
113	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
114	Multicenter Randomized Controlled Crossover Trial Comparing Hemodynamic Optimization Against Echocardiographic Optimization of AV&and VV Delay of Cardiac Resynchronization Therapy. JACC: Cardiovascular Imaging, 2019, 12, 1407-1416.	2.3	20
115	<p>Prognostic implications of left ventricular strain by speckle-tracking echocardiography in the general population: a meta-analysis</p>. Vascular Health and Risk Management, 2019, Volume 15, 229-251.	1.0	32
116	Sex and regional differences in myocardial plasticity in aortic stenosis are revealed by 3D model machine learning. European Heart Journal Cardiovascular Imaging, 2019, 21, 417-427.	0.5	7
117	The relationship between pubertal timing and markers of vascular and cardiac structure and function in men and women aged 60"64 years. Scientific Reports, 2019, 9, 11037.	1.6	14
118	133DEPRESSIVE SYMPTOMS ARE ASSOCIATED WITH PERCEIVED, NOT OBJECTIVE, EXERTION DURING EXERCISE IN EUROPEAN, INDIAN ASIAN AND AFRICAN-CARIBBEAN GROUPS. Age and Ageing, 2019, 48, i38-i38.	0.7	0
119	Impact of Kidney Function on Cardiovascular Risk and Mortality: A Comparison of South Asian and European Cohorts. American Journal of Nephrology, 2019, 50, 425-433.	1.4	14
120	Reproducibility of Left Ventricular Dyssynchrony Indices by Three-Dimensional Speckle-Tracking Echocardiography: The Impact of Sub-optimal Image Quality. Frontiers in Cardiovascular Medicine, 2019, 6, 149.	1.1	7
121	Identification of Distinct Arterial Waveform Clusters and a Longitudinal Evaluation of Their Clinical Usefulness. Hypertension, 2019, 74, 921-928.	1.3	7
122	Computational simulations of thrombolysis in acute stroke: Effect of clot size and location on recanalisation. Medical Engineering and Physics, 2019, 73, 9-17.	0.8	10
123	A Multicenter, Scan-Rescan, Human and Machine Learning CMR Study to Test Generalizability and Precision in Imaging Biomarker Analysis. Circulation: Cardiovascular Imaging, 2019, 12, e009214.	1.3	75
124	Response to "Does smoking or alcohol cause early vascular damage in teenage years?". European Heart Journal, 2019, 40, 3497-3497.	1.0	0
125	Impact of pulmonary endarterectomy on pulmonary arterial wave propagation and reservoir function. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H505-H516.	1.5	17
126	Development of a Yoga-Based Cardiac Rehabilitation (Yoga-CaRe) Programme for Secondary Prevention of Myocardial Infarction. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-7.	0.5	12

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127	Association between fat mass through adolescence and arterial stiffness: a population-based study from The Avon Longitudinal Study of Parents and Children. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 474-481.	2.7	45
128	Augmentation index is not a proxy for wave reflection magnitude: mechanistic analysis using a computational model. <i>Journal of Applied Physiology</i> , 2019, 127, 491-500.	1.2	36
129	Cortical cerebral blood flow in ageing: effects of haematocrit, sex, ethnicity and diabetes. <i>European Radiology</i> , 2019, 29, 5549-5558.	2.3	22
130	Data on trajectories of measures of cardiovascular health in the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Data in Brief</i> , 2019, 23, 103687.	0.5	30
131	A Double-Blind Placebo-Controlled Crossover Study of the Effect of Beetroot Juice Containing Dietary Nitrate on Aortic and Brachial Blood Pressure Over 24 h. <i>Frontiers in Physiology</i> , 2019, 10, 47.	1.3	11
132	Mathematical Modelling of Intravenous Thrombolysis in Acute Ischaemic stroke: Effects of Dose Regimens on Levels of Fibrinolytic Proteins and Clot Lysis Time. <i>Pharmaceutics</i> , 2019, 11, 111.	2.0	15
133	Adaptations to Coronary Physiology in a Patient With Severe Aortic Stenosis and Complete Heart Block Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 687-689.	1.1	2
134	Carotid artery wave intensity in mid- to late-life predicts cognitive decline: the Whitehall II study. <i>European Heart Journal</i> , 2019, 40, 2300-2309.	1.0	57
135	Improving haemodynamic optimization of cardiac resynchronization therapy for heart failure. <i>Physiological Measurement</i> , 2019, 40, 04NT01.	1.2	0
136	An activated-platelet-sensitive nanocarrier enables targeted delivery of tissue plasminogen activator for effective thrombolytic therapy. <i>Journal of Controlled Release</i> , 2019, 300, 1-12.	4.8	61
137	3D echocardiography-derived indices of left ventricular function and structure predict long-term mortality differently in men and women: the Southall And Brent Revisited (SABRE) study. , 2019, , .		4
138	Novice marathon training reverses vascular ageing. , 2019, , .		0
139	ALTERED CENTRAL HAEMODYNAMIC PARAMETERS DERIVED FROM RESERVOIR PRESSURE ANALYSIS. <i>Journal of Hypertension</i> , 2019, 37, e307.	0.3	0
140	INCREASED PULSE PRESSURE ASSOCIATED WITH A DECLINE IN BRAIN STRUCTURE AND FUNCTION. <i>Journal of Hypertension</i> , 2019, 37, e218-e219.	0.3	1
141	Yoga and Cardiovascular Health Trial (YACHT): a UK-based randomised mechanistic study of a yoga intervention plus usual care versus usual care alone following an acute coronary event. <i>BMJ Open</i> , 2019, 9, e030119.	0.8	17
142	Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. <i>PLoS Biology</i> , 2019, 17, e3000572.	2.6	29
143	Association between depressive symptoms and perceived exertion during exercise: observational population-based cohort study of European, Indian Asian, and African-Caribbean older adults. <i>Lancet, The</i> , 2019, 394, S62.	6.3	0
144	Application of the DILEMMA score to improve lesion selection for invasive physiological assessment. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, E96-E103.	0.7	9

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145	Effectiveness and cost-effectiveness of a Yoga-based Cardiac Rehabilitation (Yoga-CaRe) program following acute myocardial infarction: Study rationale and design of a multi-center randomized controlled trial. <i>International Journal of Cardiology</i> , 2019, 280, 14-18.	0.8	21
146	Effects of bariatric surgery on retinal microvascular architecture in obese patients. <i>International Journal of Obesity</i> , 2019, 43, 1675-1680.	1.6	12
147	Left atrial function in heart failure with mid-range ejection fraction differs from that of heart failure with preserved ejection fraction: a 2D speckle-tracking echocardiographic study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 279-290.	0.5	39
148	Early vascular damage from smoking and alcohol in teenage years: the ALSPAC study. <i>European Heart Journal</i> , 2019, 40, 345-353.	1.0	46
149	Submaximal exercise blood pressure and cardiovascular structure in adolescence. <i>International Journal of Cardiology</i> , 2019, 275, 152-157.	0.8	11
150	Birth weight and cardiac function assessed by echocardiography in adolescence: Avon Longitudinal Study of Parents and Children. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 225-231.	0.9	12
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#	ARTICLE	IF	CITATIONS
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