

David A Playford

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,814
citations

331259

21
h-index

189595

50
g-index

71
all docs

71
docs citations

71
times ranked

3062
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved analysis of brachial artery ultrasound using a novel edge-detection software system. <i>Journal of Applied Physiology</i> , 2001, 91, 929-937.	1.2	450
2	Poor Long-Term Survival in Patients With Moderate Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1851-1863.	1.2	255
3	Pulmonary hypertension: prevalence and mortality in the Armadale echocardiography cohort. <i>Heart</i> , 2012, 98, 1805-1811.	1.2	237
4	Coenzyme Q10 improves blood pressure and glycaemic control: a controlled trial in subjects with type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , 2002, 56, 1137-1142.	1.3	225
5	Coenzyme Q10 improves endothelial dysfunction of the brachial artery in Type II diabetes mellitus. <i>Diabetologia</i> , 2002, 45, 420-426.	2.9	180
6	R222Q SCN5A Mutation Is Associated With Reversible Ventricular Ectopy and Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1566-1573.	1.2	119
7	Dyslipoproteinaemia and hyperoxidative stress in the pathogenesis of endothelial dysfunction in non-insulin dependent diabetes mellitus: an hypothesis. <i>Atherosclerosis</i> , 1998, 141, 17-30.	0.4	102
8	Prevalence of pulmonary arterial hypertension in an Australian scleroderma population: screening allows for earlier diagnosis. <i>Internal Medicine Journal</i> , 2009, 39, 682-691.	0.5	87
9	Combined effect of coenzyme Q10 and fenofibrate on forearm microcirculatory function in type 2 diabetes. <i>Atherosclerosis</i> , 2003, 168, 169-179.	0.4	85
10	Threshold of Pulmonary Hypertension Associated With Increased Mortality. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2660-2672.	1.2	80
11	The need for a large-scale trial of fibrate therapy in diabetes: the rationale and design of the Fenofibrate Intervention and Event Lowering in Diabetes (FIELD) study. [ISRCTN64783481]. , 2004, 3, 9.		77
12	Effect of fenofibrate on brachial artery flow-mediated dilatation in type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2002, 90, 1254-1257.	0.7	76
13	Low-density lipoprotein size, high-density lipoprotein concentration, and endothelial dysfunction in non-insulin-dependent diabetes. , 1997, 14, 974-978.		69
14	Ejection fraction and mortality: a nationwide register-based cohort study of 499,153 women and men. <i>European Journal of Heart Failure</i> , 2021, 23, 406-416.	2.9	62
15	Diastolic dysfunction and mortality in 436,360 men and women: the National Echo Database Australia (NEDA). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 505-515.	0.5	60
16	The National Echocardiography Database Australia (NEDA): Rationale and methodology. <i>American Heart Journal</i> , 2018, 204, 186-189.	1.2	45
17	SPECIAL ARTICLE: NON-INVASIVE MEASUREMENT OF ENDOTHELIAL FUNCTION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, 640-643.	0.9	43
18	Reduced ventricular flow propagation velocity in elite athletes is augmented with the resumption of exercise training. <i>Journal of Physiology</i> , 2005, 563, 957-963.	1.3	38

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19	Vascular function of the peripheral circulation in patients with nephrosis. <i>Kidney International</i> , 2001, 60, 182-189.	2.6	37
20	Oxidized LDL and small LDL particle size are independently predictive of a selective defect in microcirculatory endothelial function in type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2005, 7, 612-617.	2.2	34
21	Adverse Prognostic Impact of Even Mild or Moderate Tricuspid Regurgitation: Insights from the National Echocardiography Database of Australia. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 810-817.	1.2	30
22	State-of-the-Art Review: Echocardiography in Pulmonary Hypertension. <i>Heart Lung and Circulation</i> , 2019, 28, 1351-1364.	0.2	28
23	Enhanced Diagnosis of Severe Aortic Stenosis Using Artificial Intelligence: A Proof-of-Concept Study of 530,871 Echocardiograms. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1087-1090.	2.3	24
24	Poor Survival with Impaired Valvular Hemodynamics After Aortic Valve Replacement: The National Echo Database Australia Study. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1077-1086.e1.	1.2	24
25	Non-Invasive Assessment of Pulmonary Vascular Resistance in Pulmonary Hypertension: Current Knowledge and Future Direction. <i>Heart Lung and Circulation</i> , 2017, 26, 323-330.	0.2	21
26	Basal production of nitric oxide (NO) and non-NO vasodilators in the forearm microcirculation in Type 2 diabetes: Associations with blood pressure and HDL cholesterol. <i>Diabetes Research and Clinical Practice</i> , 2006, 71, 59-67.	1.1	20
27	Change in ejection fraction and long-term mortality in adults referred for echocardiography. <i>European Journal of Heart Failure</i> , 2021, 23, 555-563.	2.9	19
28	Cardiac Damage Staging Classification Predicts Prognosis in All the Major Subtypes of Severe Aortic Stenosis: Insights from the National Echo Database Australia. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1137-1147.e13.	1.2	18
29	Heart failure with preserved ejection fraction: A growing global epidemic. <i>Australian Journal of General Practice</i> , 2019, 48, 465-471.	0.3	18
30	Endothelial dysfunction, insulin resistance and diabetes: exploring the web of causality. <i>Australian and New Zealand Journal of Medicine</i> , 1999, 29, 523-534.	0.5	16
31	Intra-ureteric capsaicin in loin pain haematuria syndrome: efficacy and complications. <i>BJU International</i> , 2002, 90, 518-521.	1.3	15
32	Incident aortic stenosis in 49 449 men and 42 229 women investigated with routine echocardiography. <i>Heart</i> , 2022, 108, 875-881.	1.2	15
33	Uncovering the treatable burden of severe aortic stenosis in Australia: current and future projections within an ageing population. <i>BMC Health Services Research</i> , 2021, 21, 790.	0.9	14
34	Prevalence and Outcomes of Low-Gradient Severe Aortic Stenosis From the National Echo Database of Australia. <i>Journal of the American Heart Association</i> , 2021, 10, e021126.	1.6	14
35	Management of Lipid Disorders in the Elderly. <i>Drugs and Aging</i> , 1997, 10, 444-462.	1.3	13
36	CSANZ Imaging Council Position Statement on Echocardiography Services During the COVID-19 Pandemic. <i>Heart Lung and Circulation</i> , 2020, 29, e78-e83.	0.2	13

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37	Coronary 18F-sodium fluoride PET detects high-risk plaque features on optical coherence tomography and CT-angiography in patients with acute coronary syndrome. <i>Atherosclerosis</i> , 2021, 319, 142-148.	0.4	12
38	Mild pulmonary hypertension and premature mortality among 154,956 men and women undergoing routine echocardiography. <i>European Respiratory Journal</i> , 2022, 59, 2100832.	3.1	12
39	Transvalvular jet velocity, aortic valve area, mortality, and cardiovascular outcomes. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 601-612.	0.5	12
40	Markers of Elevated Left Ventricular Filling Pressure Are Associated with Increased Mortality in Nonsevere Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 465-471.	1.2	11
41	Uncovering the treatable burden of severe aortic stenosis in the UK. <i>Open Heart</i> , 2022, 9, e001783.	0.9	11
42	Isolated Left Atrial Amyloidosis: Acute Premitral Stenosis Secondary to Spontaneous Intramural Left Atrial Hemorrhagic Dissection. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 938.e1-938.e4.	1.2	10
43	Left Heart Disease and Pulmonary Hypertension: Are We Seeing the Full Picture?. <i>Heart Lung and Circulation</i> , 2018, 27, 301-309.	0.2	10
44	The challenge of an expanded therapeutic window in pulmonary hypertension. <i>Nature Reviews Cardiology</i> , 2020, 17, 195-197.	6.1	9
45	Application of Artificial Intelligence in Coronary Computed Tomography Angiography. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 1.	0.4	8
46	Increasing risk of mortality across the spectrum of aortic stenosis is independent of comorbidity & treatment: An international, parallel cohort study of 248,464 patients. <i>PLoS ONE</i> , 2022, 17, e0268580.	1.1	8
47	A case of vascular Ehlers-Danlos Syndrome with a cardiomyopathy and multi-system involvement. <i>Cardiovascular Pathology</i> , 2018, 35, 48-51.	0.7	6
48	Examining the Potential for Coronary Artery Calcium (CAC) Scoring for Individuals at Low Cardiovascular Risk. <i>Heart Lung and Circulation</i> , 2021, 30, 1819-1828.	0.2	5
49	Preserved ejection fraction and structural heart disease in 446,848 patients investigated with echocardiography. <i>ESC Heart Failure</i> , 2021, 8, 1687-1690.	1.4	4
50	Moderate aortic stenosis: culprit or bystander?. <i>Open Heart</i> , 2022, 9, e001743.	0.9	4
51	Illusion of contraction from Out-of-Plane translation: can doppler tissue velocities resolve it?. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 832-840.	1.2	3
52	Improving stress testing compliance following chest pain presentations to the emergency department. <i>EMA - Emergency Medicine Australasia</i> , 2012, 24, 518-524.	0.5	3
53	Near-Infrared Spectroscopy-Based Microcirculatory Assessment in Acute Atrial Fibrillation. <i>Anaesthesia and Intensive Care</i> , 2015, 43, 105-110.	0.2	3
54	Advances in screening for undiagnosed atrial fibrillation for stroke prevention and implications for patients with obstructive sleep apnoea: a literature review and research agenda. <i>Sleep Medicine</i> , 2019, 57, 107-114.	0.8	3

#	ARTICLE	IF	CITATIONS
55	Prevalence, Incidence and Associates of Pulmonary Hypertension Complicating Type 2 Diabetes: Insights from the Fremantle Diabetes Study Phase 2 and National Echocardiographic Database of Australia. <i>Journal of Clinical Medicine</i> , 2021, 10, 4503.	1.0	3
56	Characteristics of Bicuspid Aortic Valve Disease and Stenosis: The National Echo Database of Australia. <i>Journal of the American Heart Association</i> , 2021, 10, e020785.	1.6	3
57	Transfer learning artificial intelligence for automated detection of atrial fibrillation in patients undergoing evaluation for suspected obstructive sleep apnoea: a feasibility study. <i>Sleep Medicine</i> , 2021, 85, 166-171.	0.8	3
58	An observation of venous gas emboli in divers and susceptibility to decompression sickness. <i>Diving and Hyperbaric Medicine</i> , 2015, 45, 25-9.	0.2	3
59	A framework for bridging the gap in the care of familial hypercholesterolaemia in the community. <i>International Journal of Evidence-Based Healthcare</i> , 2014, 12, 244-254.	0.1	2
60	Top End Pulmonary Hypertension Study: Understanding Epidemiology, Therapeutic Gaps and Prognosis in Remote Australian Setting. <i>Heart Lung and Circulation</i> , 2021, 30, 507-515.	0.2	1
61	Relative incidence and predictors of pulmonary arterial hypertension complicating type 2 diabetes: The Fremantle Diabetes Study Phase I. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107773.	1.2	1
62	Reply. <i>Journal of the American College of Cardiology</i> , 2020, 75, 838-839.	1.2	0
63	Effects of Exercise Training on Cardiovascular Function and Structure in Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S330-S331.	0.2	0
64	Abstract 10885: Decreased Hydraulic Force Contributes to Diastolic Dysfunction and Associates with Survival Beyond Conventional Measures of Diastolic Dysfunction. <i>Circulation</i> , 2021, 144, .	1.6	0
65	Abstract 10869: Using All-Cause Mortality to Determine the Best Method for Indexation of Echocardiographic Measures According to Body Size in Obese and Non-Obese Patients. <i>Circulation</i> , 2021, 144, .	1.6	0
66	Pulmonary Hypertension in Remote and Disadvantaged Population: Overcoming Unique Challenges for Improved Outcomes. <i>Internal Medicine Journal</i> , 0, , .	0.5	0