

# David A Playford

## List of Publications by Citations

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55  
papers

1,895  
citations

17  
h-index

43  
g-index

71  
ext. papers

2,349  
ext. citations

4.7  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
55	Improved analysis of brachial artery ultrasound using a novel edge-detection software system. <i>Journal of Applied Physiology</i> , <b>2001</b> , 91, 929-37	3.7	403
54	Coenzyme Q10 improves blood pressure and glycaemic control: a controlled trial in subjects with type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , <b>2002</b> , 56, 1137-42	5.2	190
53	Pulmonary hypertension: prevalence and mortality in the Armadale echocardiography cohort. <i>Heart</i> , <b>2012</b> , 98, 1805-11	5.1	177
52	Coenzyme Q(10) improves endothelial dysfunction of the brachial artery in Type II diabetes mellitus. <i>Diabetologia</i> , <b>2002</b> , 45, 420-6	10.3	164
51	Dyslipoproteinaemia and hyperoxidative stress in the pathogenesis of endothelial dysfunction in non-insulin dependent diabetes mellitus: an hypothesis. <i>Atherosclerosis</i> , <b>1998</b> , 141, 17-30	3.1	93
50	Poor Long-Term Survival in Patients With Moderate Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 1851-1863	15.1	90
49	R222Q SCN5A mutation is associated with reversible ventricular ectopy and dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1566-73	15.1	87
48	Effect of fenofibrate on brachial artery flow-mediated dilatation in type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , <b>2002</b> , 90, 1254-7	3	75
47	Combined effect of coenzyme Q10 and fenofibrate on forearm microcirculatory function in type 2 diabetes. <i>Atherosclerosis</i> , <b>2003</b> , 168, 169-79	3.1	72
46	Prevalence of pulmonary arterial hypertension in an Australian scleroderma population: screening allows for earlier diagnosis. <i>Internal Medicine Journal</i> , <b>2009</b> , 39, 682-91	1.6	69
45	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]. <i>Cardiovascular Diabetology</i> , <b>2004</b> , 3, 9	8.7	59
44	Low-density lipoprotein size, high-density lipoprotein concentration, and endothelial dysfunction in non-insulin-dependent diabetes. <i>Diabetic Medicine</i> , <b>1997</b> , 14, 974-8	3.5	54
43	Threshold of Pulmonary Hypertension Associated With Increased Mortality. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 2660-2672	15.1	36
42	Special article: non-invasive measurement of endothelial function. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1998</b> , 25, 640-3	3	36
41	Vascular function of the peripheral circulation in patients with nephrosis. <i>Kidney International</i> , <b>2001</b> , 60, 182-9	9.9	32
40	Reduced ventricular flow propagation velocity in elite athletes is augmented with the resumption of exercise training. <i>Journal of Physiology</i> , <b>2005</b> , 563, 957-63	3.9	31
39	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> , <b>2005</b> , 7, 612-7	6.7	24

38	Ejection fraction and mortality: a nationwide register-based cohort study of 499 153 women and men. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 406-416	12.3	16
37	Non-Invasive Assessment of Pulmonary Vascular Resistance in Pulmonary Hypertension: Current Knowledge and Future Direction. <i>Heart Lung and Circulation</i> , <b>2017</b> , 26, 323-330	1.8	15
36	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> , <b>2006</b> , 71, 59-67	7.4	15
35	The National Echocardiography Database Australia (NEDA): Rationale and methodology. <i>American Heart Journal</i> , <b>2018</b> , 204, 186-189	4.9	13
34	Intra-ureteric capsaicin in loin pain haematuria syndrome: efficacy and complications. <i>BJU International</i> , <b>2002</b> , 90, 518-21	5.6	12
33	Endothelial dysfunction, insulin resistance and diabetes: exploring the web of causality. <i>Australian and New Zealand Journal of Medicine</i> , <b>1999</b> , 29, 523-34		12
32	State-of-the-Art Review: Echocardiography in Pulmonary Hypertension. <i>Heart Lung and Circulation</i> , <b>2019</b> , 28, 1351-1364	1.8	11
31	Management of lipid disorders in the elderly. <i>Drugs and Aging</i> , <b>1997</b> , 10, 444-62	4.7	11
30	Diastolic dysfunction and mortality in 436 360 men and women: the National Echo Database Australia (NEDA). <i>European Heart Journal Cardiovascular Imaging</i> , <b>2021</b> , 22, 505-515	4.1	10
29	Isolated left atrial amyloidosis: acute premitral stenosis secondary to spontaneous intramural left atrial hemorrhagic dissection. <i>Journal of the American Society of Echocardiography</i> , <b>2006</b> , 19, 938.e1-4	5.8	9
28	Enhanced Diagnosis of Severe Aortic Stenosis Using Artificial Intelligence: AI Proof-of-Concept Study of 530,871 Echocardiograms. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1087-1090	8.4	9
27	CSANZ Imaging Council Position Statement on Echocardiography Services During the COVID-19 Pandemic. <i>Heart Lung and Circulation</i> , <b>2020</b> , 29, e78-e83	1.8	7
26	Heart failure with preserved ejection fraction: A growing global epidemic. <i>Australian Journal of General Practice</i> , <b>2019</b> , 48, 465-471	1.5	7
25	Left Heart Disease and Pulmonary Hypertension: Are We Seeing the Full Picture?. <i>Heart Lung and Circulation</i> , <b>2018</b> , 27, 301-309	1.8	6
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> , <b>2020</b> , 33, 1077-1086.e1	5.8	6
23	A case of vascular Ehlers-Danlos Syndrome with a cardiomyopathy and multi-system involvement. <i>Cardiovascular Pathology</i> , <b>2018</b> , 35, 48-51	3.8	5
22	Change in ejection fraction and long-term mortality in adults referred for echocardiography. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 555-563	12.3	5
21	Application of Artificial Intelligence in Coronary Computed Tomography Angiography. <i>Current Cardiovascular Imaging Reports</i> , <b>2018</b> , 11, 1	0.7	4

20	Coronary F-sodium fluoride PET detects high-risk plaque features on optical coherence tomography and CT-angiography in patients with acute coronary syndrome. <i>Atherosclerosis</i> , <b>2021</b> , 319, 142-148	3.1	4
19	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> , <b>2019</b> , 57, 107-114	4.6	3
18	Improving stress testing compliance following chest pain presentations to the emergency department. <i>EMA - Emergency Medicine Australasia</i> , <b>2012</b> , 24, 518-24	1.5	3
17	Illusion of contraction from out-of-plane translation: can Doppler tissue velocities resolve it?. <i>Journal of the American Society of Echocardiography</i> , <b>2003</b> , 16, 832-40	5.8	3
16	An observation of venous gas emboli in divers and susceptibility to decompression sickness. <i>Diving and Hyperbaric Medicine</i> , <b>2015</b> , 45, 25-9	1	3
15	A framework for bridging the gap in the care of familial hypercholesterolaemia in the community: pragmatic and economic perspectives. <i>International Journal of Evidence-Based Healthcare</i> , <b>2014</b> , 12, 244-254	2.6	2
14	Prevalence and Outcomes of Low-Gradient Severe Aortic Stenosis-From the National Echo Database of Australia. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e021126	6	2
13	Preserved ejection fraction and structural heart disease in 446148 patients investigated with echocardiography. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 1687-1690	3.7	2
12	The challenge of an expanded therapeutic window in pulmonary hypertension. <i>Nature Reviews Cardiology</i> , <b>2020</b> , 17, 195-197	14.8	1
11	Near-infrared spectroscopy-based microcirculatory assessment in acute atrial fibrillation. <i>Anaesthesia and Intensive Care</i> , <b>2015</b> , 43, 105-10	1.1	1
10	Uncovering the treatable burden of severe aortic stenosis in Australia: current and future projections within an ageing population. <i>BMC Health Services Research</i> , <b>2021</b> , 21, 790	2.9	1
9	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> , <b>2021</b> , 85, 166-171	4.6	1
8	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> , <b>2021</b> , 34, 465-471	5.8	0
7	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> , <b>2021</b> , 34, 1137-1147.e13	5.8	0
6	Top End Pulmonary Hypertension Study: Understanding Epidemiology, Therapeutic Gaps and Prognosis in Remote Australian Setting. <i>Heart Lung and Circulation</i> , <b>2021</b> , 30, 507-515	1.8	0
5	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> , <b>2021</b> , 35, 107773	3.2	0
4	Examining the Potential for Coronary Artery Calcium (CAC) Scoring for Individuals at Low Cardiovascular Risk. <i>Heart Lung and Circulation</i> , <b>2021</b> , 30, 1819-1828	1.8	0
3	Characteristics of Bicuspid Aortic Valve Disease and Stenosis: The National Echo Database of Australia. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e020785	6	0

- 2 Reply: Poor Outcomes in Patients With Moderate Aortic Stenosis: Let's Review the Data. *Journal of the American College of Cardiology*, **2020**, 75, 838-839 15.1
- 1 Effects of Exercise Training on Cardiovascular Function and Structure in Elite Athletes. *Medicine and Science in Sports and Exercise*, **2004**, 36, S330-S331 1.2