David G Platts

List of Publications by Year
in descending order

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76	1,207	394421	395702
papers	citations	19 h-index	33 g-index

78	78	78	1725
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Echocardiography in the Management of Patients Supported by Extracorporeal Membrane Oxygenation. Journal of the American Society of Echocardiography, 2012, 25, 131-141.	2.8	161
2	Extracorporeal life support devices and strategies for management of acute cardiorespiratory failure in adult patients: a comprehensive review. Critical Care, 2014, 18, 219.	5.8	144
3	Use of Three-Dimensional Speckle-Tracking Echocardiography for Quantitative Assessment of Global Left Ventricular Function: A Comparative Study to Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 285-291.	2.8	91
4	Characterization of Neurological Injury in Transcatheter Aortic Valve Implantation. Circulation, 2014, 129, 504-515.	1.6	66
5	Reproducibility of Regional and Global Longitudinal Strains Derived from Two-Dimensional Speckle-Tracking and Doppler Tissue Imaging between Expert and Novice Readers during Quantitative Dobutamine Stress Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 880-887.	2.8	49
6	ePLAR â€" The echocardiographic Pulmonary to Left Atrial Ratio â€" A novel non-invasive parameter to differentiate pre-capillary and post-capillary pulmonary hypertension. International Journal of Cardiology, 2016, 212, 379-386.	1.7	46
7	Transcatheter aortic valve implantation (TAVI): Valve design and evolution. International Journal of Cardiology, 2013, 168, 1822-1831.	1.7	43
8	Intervendor consistency and reproducibility of left ventricular 2D global and regional strain with two different high-end ultrasound systems. European Heart Journal Cardiovascular Imaging, 2017, 18, jew120.	1.2	35
9	The Use of Computerised Simulators for Training of Transthoracic and Transoesophageal Echocardiography. The Future of Echocardiographic Training?. Heart Lung and Circulation, 2012, 21, 267-274.	0.4	32
10	Transesophageal echocardiography in the management of burn patients. Burns, 2014, 40, 630-635.	1.9	30
11	Neurological Injury in Intermediateâ€Risk Transcatheter Aortic Valve Implantation. Journal of the American Heart Association, 2016, 5, .	3.7	30
12	The Role of 3D Transesophageal Echocardiography During Percutaneous Closure of Paravalvular Mitral Regurgitation. JACC: Cardiovascular Imaging, 2009, 2, 771-773.	5.3	29
13	Feasibility of Pulmonary Valve Imaging Using Three-Dimensional Transthoracic Echocardiography. Journal of the American Society of Echocardiography, 2010, 23, 1076-1080.	2.8	28
14	Left atrial strain imaging differentiates cardiac amyloidosis and hypertensive heart disease. International Journal of Cardiovascular Imaging, 2021, 37, 81-90.	1.5	25
15	The Safety Profile of Perflutren Microsphere Contrast Echocardiography During Rest and Stress Imaging: Results from an Australian Multicentre Cohort. Heart Lung and Circulation, 2013, 22, 996-1002.	0.4	22
16	The silent and apparent neurological injury in transcatheter aortic valve implantation study (SANITY): concept, design and rationale. BMC Cardiovascular Disorders, 2014, 14, 45.	1.7	22
17	Quantitation of mitral regurgitation after percutaneous MitraClip repair: comparison of Doppler echocardiography and cardiac magnetic resonance imaging. Annals of Cardiothoracic Surgery, 2015, 4, 341-51.	1.7	21
18	Positron Emission Tomography Combined With Computed Tomography as an Integral Component in Evaluation of Primary Cardiac Lymphoma. Clinical Cardiology, 2010, 33, E106-8.	1.8	20

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19	Optimal Management of the Critically Ill: Anaesthesia, Monitoring, Data Capture, and Point-of-Care Technological Practices in Ovine Models of Critical Care. BioMed Research International, 2014, 2014, 1-17.	1.9	19
20	Development of simulated and ovine models of extracorporeal life support to improve understanding of circuit-host interactions. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2012, 14, 105-11.	0.1	19
21	The impact of acute lung injury, ECMO and transfusion on oxidative stress and plasma selenium levels in an ovine model. Journal of Trace Elements in Medicine and Biology, 2015, 30, 4-10.	3.0	18
22	Improving the echocardiographic assessment of pulmonary pressure using the tricuspid regurgitant signalâ€"The â€œchinâ€•vs the â€œbeardâ€• Echocardiography, 2018, 35, 1085-1096.	0.9	16
23	Spontaneous coronary artery rupture in a young patient: a rare diagnosis for cardiac tamponade. Interactive Cardiovascular and Thoracic Surgery, 2009, 9, 537-539.	1.1	15
24	Left Ventricular Endocardial Definition Enhancement Using Perflutren Microsphere Contrast Echocardiography during Peripheral Venoarterial Extracorporeal Membranous Oxygenation. Echocardiography, 2010, 27, E112-4.	0.9	14
25	Comparison of fluoroscopic versus real-time three-dimensional transthoracic echocardiographic guidance of endomyocardial biopsies. European Heart Journal Cardiovascular Imaging, 2010, 11, 637-643.	1.2	13
26	Right Ventricular Thrombus Detection and Multimodality Imaging Using Contrast Echocardiography and Cardiac Magnetic Resonance Imaging. Heart Lung and Circulation, 2012, 21, 185-188.	0.4	13
27	Contrast echocardiography in critical care: echoes of the future? A review of the role of microsphere contrast echocardiography. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2011, 13, 44-55.	0.1	12
28	Transcatheter valve-in-valve replacement of degenerated bioprosthetic aortic valves: A single Australian Centre experience. Cardiovascular Revascularization Medicine, 2014, 15, 388-392.	0.8	11
29	Feasibility of Perflutren Microsphere Contrast Transthoracic Echocardiography in the Visualization of Ventricular Endocardium during Venovenous Extracorporeal Membrane Oxygenation in a Validated Ovine Model. Echocardiography, 2015, 32, 548-556.	0.9	11
30	Effects of volume resuscitation on the microcirculation in animal models of lipopolysaccharide sepsis: a systematic review. Intensive Care Medicine Experimental, 2016, 4, 38.	1.9	11
31	Topographical distribution of perioperative cerebral infarction associated with transcatheter aortic valve implantation. American Heart Journal, 2018, 197, 113-123.	2.7	10
32	Mitral valve bio-prosthesis and annuloplasty thrombosis during extracorporeal membrane oxygenation: case series. European Heart Journal - Case Reports, 2020, 4, 1-6.	0.6	10
33	Reliability of thermodilution derived cardiac output with different operator characteristics. Journal of Clinical Monitoring and Computing, 2018, 32, 227-234.	1.6	9
34	Contrast Echocardiography in Australian Clinical Practice. Heart Lung and Circulation, 2010, 19, 385-394.	0.4	8
35	Quantification of perflutren microsphere contrast destruction during transit through an ex vivo extracorporeal membrane oxygenation circuit. Intensive Care Medicine Experimental, 2016, 4, 7.	1.9	8
36	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. Echo Research and Practice, 2019, 6, 25-35.	2.5	8

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37	Contrast microsphere enhancement of the tricuspid regurgitant spectral Doppler signal - Is it still necessary with contemporary scanners?. IJC Heart and Vasculature, 2017, 17, 1-10.	1.1	7
38	Intracardiac Echocardiography Guided Transeptal Catheter Injection of Microspheres for Assessment of Cerebral Microcirculation in Experimental Models. Cardiology Research and Practice, 2013, 2013, 1-8.	1.1	6
39	A novel echocardiographic imaging technique, intracatheter echocardiography, to guide veno-venous extracorporeal membrane oxygenation cannulae placement in a validated ovine model. Intensive Care Medicine Experimental, 2014, 2, 2.	1.9	6
40	Analgesic patches and defibrillators: a cautionary tale. Europace, 2009, 11, 1552-1553.	1.7	5
41	Systemic Air Embolization Originating from a Pleural Air Leak via a Left Ventricular Assist Device Cannula Anastomosis Site. Journal of the American Society of Echocardiography, 2010, 23, 341.e1-341.e2.	2.8	5
42	The benefits of thermal clothing during winter in patients with heart failure: a pilot randomised controlled trial. BMJ Open, 2013, 3, e002799.	1.9	5
43	Diastolic strain imaging: a new non-invasive tool to detect subclinical myocardial dysfunction in early cardiac allograft rejection. International Journal of Cardiovascular Imaging, 2020, 36, 317-323.	1.5	5
44	Contrast Echocardiography in Acutely Unwell Patients. Journal of the American Society of Echocardiography, 2015, 28, 844.	2.8	4
45	Cerebral Microcirculation during Experimental Normovolaemic Anemia. Frontiers in Neurology, 2016, 7, 6.	2.4	4
46	Thermal clothing to reduce heart failure morbidity during winter: a randomised controlled trial. BMJ Open, 2017, 7, e017592.	1.9	4
47	Non-tropical endomyocardial fibrosis associated with sarcoidosis. European Heart Journal Cardiovascular Imaging, 2014, 15, 472-472.	1.2	3
48	The Rapidly Evolving Use of Extracorporeal Life Support (ECLS) in Adults. Heart Lung and Circulation, 2014, 23, 1091-1092.	0.4	3
49	Cerebral microcirculation during mild head injury after a contusion and acceleration experimental model in sheep. Brain Injury, 2016, 30, 1542-1551.	1.2	3
50	Contrast Microsphere Destruction by a Continuous Flow Ventricular Assist Device: An In Vitro Evaluation Using a Mock Circulation Loop. BioMed Research International, 2017, 2017, 1-9.	1.9	3
51	Direct visualization of septal perforator coronary arterial blood flow during perflutren microsphere contrast echocardiography. European Heart Journal Cardiovascular Imaging, 2009, 10, 808-810.	1.2	2
52	Congenital Mitral Stenosis by Multimodality Cardiac Imaging. Echocardiography, 2009, 26, 284-287.	0.9	2
53	Massive bilateral pulmonary emboli, paradoxical embolus and the knot of life. European Heart Journal, 2012, 33, 3077-3077.	2.2	2
54	Indolent cardiac angioma mimicking hypertrophic obstructive cardiomyopathy and causing right ventricular outflow tract obstruction. European Heart Journal Cardiovascular Imaging, 2013, 14, 718-718.	1.2	2

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55	The Feasibility and Clinical Utility of Microsphere Contrast-enhanced Transthoracic Echocardiography in Adult Congenital Heart Disease. Congenital Heart Disease, 2015, 10, 428-436.	0.2	2
56	Incremental value of ePLAR â€“ echocardiographic Pulmonary to Left Atrial Ratio â€“ in the diagnosis of chronic thromboembolic pulmonary hypertension. International Journal of Cardiology, 2016, 221, 141-143.	1.7	2
57	Transcatheter aortic valve implantation using the Lotus valve system in severe aortic stenosis in an orthotopic heart transplant patient. International Journal of Cardiology, 2016, 207, 192-193.	1.7	2
58	Left ventricular flow propagation velocity measurement: Is it cast in stone?. Medical and Biological Engineering and Computing, 2017, 55, 1883-1893.	2.8	2
59	Accuracy of 3-Dimensional Transoesophageal Echocardiography in Assessment of Prosthetic Mitral Valve Dehiscence with Comparison to Anatomical Specimens. Cardiology Research and Practice, 2010, 2010, 1-2.	1.1	1
60	Microsphere contrast echocardiography in the critical care complex. Critical Care, 2011, 15, 417.	5.8	1
61	Extracorporeal Membrane Oxygenation: Indications and Contraindications. Journal of the American Society of Echocardiography, 2012, 25, 699-700.	2.8	1
62	Multi-modality imaging in the assessment of a metastatic cardiac rhabdomyosarcoma presenting with recurrent ventricular tachycardia. European Heart Journal Cardiovascular Imaging, 2014, 15, 306-306.	1.2	1
63	Obstructive mechanical valve thrombosis: utility of 3D trans-oesophageal echocardiography. European Heart Journal Cardiovascular Imaging, 2015, 16, 230-230.	1.2	1
64	Point-of-care INR compared to laboratory INR in patients supported with a continuous flow left ventricular assist device. International Journal of Cardiology, 2016, 221, 652-653.	1.7	1
65	The effects of normovolemic anemia and blood transfusion on cerebral microcirculation after severe head injury. Intensive Care Medicine Experimental, 2018, 6, 46.	1.9	1
66	Incremental Value of ePLARâ€"The Echocardiographic Pulmonary to Left Atrial Ratio in the Assessment of Sub-Massive Pulmonary Emboli. Journal of Clinical Medicine, 2020, 9, 247.	2.4	1
67	A clinically relevant sheep model of orthotopic heart transplantation 24Âh after donor brainstem death. Intensive Care Medicine Experimental, 2021, 9, 60.	1.9	1
68	Letter by Hamilton-Craig et al Regarding Article, â€œPosttraumatic Cardiac Contrecoup: In Vivo Evidence by Cardiac Magnetic Resonance Imagingâ€• Circulation, 2009, 120, e155; author reply e156.	1.6	0
69	Presentation with pulsatile xiphisternal bruiseâ€"Survival with a chronic ventricular rupture. Heart Lung and Circulation, 2011, 20, 132-135.	0.4	0
70	Corrigendum to â€œThe Use of Computerised Simulators for Training of Transthoracic and Transoesophageal Echocardiography. The Future of Echocardiographic Training?â€•[Heart Lung Circ. 21 (2012) 267â€“274]. Heart Lung and Circulation, 2012, 21, 606-609.	0.4	0
71	A lump in the heart. International Journal of Cardiology, 2015, 185, 333-334.	1.7	0
72	Infected patent foramen ovale (PFO). International Journal of Cardiovascular Imaging, 2015, 31, 957-958.	1.5	0

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73	Still important to remember. Internal Medicine Journal, 2017, 47, 833-834.	0.8	0
74	Cerebral Microcirculation and Histological Mapping After Severe Head Injury: A Contusion and Acceleration Experimental Model. Frontiers in Neurology, 2018, 9, 277.	2.4	0
75	Orthotopic cardiac transplantation for Chagas cardiomyopathy in Australia. Internal Medicine Journal, 2019, 49, 1194-1195.	0.8	0
76	A Rare Case of Severe Nontropical Isolated Right Ventricular Endomyocardial Fibrosis. JACC: Case Reports, 2020, 2, 2078-2084.	0.6	0