

Darryl Burstow

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

2,644
citations

26
h-index

50
g-index

91
ext. papers

2,898
ext. citations

3.9
avg, IF

4.08
L-index

#	Paper	IF	Citations
89	Doppler characterization of left ventricular diastolic function in cardiac amyloidosis. <i>Journal of the American College of Cardiology</i> , 1989 , 13, 1017-26	15.1	281
88	Effects of age on left ventricular dimensions and filling dynamics in 117 normal persons. <i>Mayo Clinic Proceedings</i> , 1994 , 69, 212-24	6.4	263
87	Age-related prevalence of valvular regurgitation in normal subjects: a comprehensive color flow examination of 118 volunteers. <i>Journal of the American Society of Echocardiography</i> , 1990 , 3, 54-63	5.8	157
86	Continuous wave Doppler echocardiographic measurement of prosthetic valve gradients. A simultaneous Doppler-catheter correlative study. <i>Circulation</i> , 1989 , 80, 504-14	16.7	152
85	The streptozotocin-diabetic rat as a model of the chronic complications of human diabetes. <i>Heart Lung and Circulation</i> , 2003 , 12, 44-50	1.8	144
84	Two-dimensional echocardiographic findings in systemic sarcoidosis. <i>American Journal of Cardiology</i> , 1989 , 63, 478-82	3	135
83	Comprehensive Doppler assessment of right ventricular diastolic function in cardiac amyloidosis. <i>Journal of the American College of Cardiology</i> , 1990 , 15, 99-108	15.1	121
82	Lack of effect of coenzyme Q on left ventricular function in patients with congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1999 , 33, 1549-52	15.1	119
81	Cardiac tamponade: characteristic Doppler observations. <i>Mayo Clinic Proceedings</i> , 1989 , 64, 312-24	6.4	86
80	Arg389Gly-beta1-adrenergic receptors determine improvement in left ventricular systolic function in nonischemic cardiomyopathy patients with heart failure after chronic treatment with carvedilol. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 941-9	1.9	70
79	Use of three-dimensional speckle-tracking echocardiography for quantitative assessment of global left ventricular function: a comparative study to three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 285-91	5.8	67
78	Accuracy of biplane transesophageal echocardiography in detecting left atrial thrombus. <i>American Journal of Cardiology</i> , 1996 , 77, 321-3	3	66
77	Echocardiographic assessment of cardiac structure and function in rats. <i>Heart Lung and Circulation</i> , 2002 , 11, 167-73	1.8	64
76	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. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 880-7	5.8	44
75	Three-dimensional echocardiography: historical development and current applications. <i>Journal of the American Society of Echocardiography</i> , 2001 , 14, 403-12	5.8	44
74	The role of Doppler left ventricular filling indexes and Doppler tissue echocardiography in the assessment of cardiac involvement in hereditary hemochromatosis. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 884-90	5.8	38
73	Haemodynamics and left ventricular mass regression: a comparison of the stentless, stented and mechanical aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 1998 , 13, 572-5	3	37

72	Doppler tissue echocardiographic features of cardiac amyloidosis. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 1353-60	5.8	36
71	The role of left and right ventricular early diastolic Doppler tissue echocardiographic indices in the evaluation of acute rejection in orthotopic heart transplant. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 107-15	5.8	35
70	Primary aortic valve replacement with cryopreserved aortic allograft: an echocardiographic follow-up study of 570 patients. <i>Circulation</i> , 2002 , 105, 61-6	16.7	33
69	Intervendor consistency and reproducibility of left ventricular 2D global and regional strain with two different high-end ultrasound systems. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 707-716	4.1	30
68	ePLAR - The echocardiographic Pulmonary to Left Atrial Ratio - A novel non-invasive parameter to differentiate pre-capillary and post-capillary pulmonary hypertension. <i>International Journal of Cardiology</i> , 2016 , 212, 379-86	3.2	30
67	Noninvasive cardiac output measurement in heart failure subjects on circulatory support. <i>Anesthesia and Analgesia</i> , 2009 , 108, 881-6	3.9	29
66	Successful treatment of incessant atrial flutter with excision of congenital giant right atrial aneurysm diagnosed by transesophageal echocardiography. <i>American Heart Journal</i> , 1995 , 129, 834-5	4.9	29
65	Quantification of mitral regurgitation orifice area by 3-dimensional echocardiography: comparison with effective regurgitant orifice area by PISA method and proximal regurgitant jet diameter. <i>International Journal of Cardiology</i> , 2002 , 86, 87-98	3.2	27
64	Cardiovascular changes during maturation and ageing in male and female spontaneously hypertensive rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 469-78	3.1	26
63	The role of 3D transesophageal echocardiography during percutaneous closure of paravalvular mitral regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 771-3	8.4	26
62	Accuracy of quantitative echocardiographic measures of right ventricular function as compared to cardiovascular magnetic resonance. <i>IJC Heart and Vasculature</i> , 2016 , 12, 38-44	2.4	25
61	Early experience of transaortic TAVI--the future of surgical TAVI?. <i>Heart Lung and Circulation</i> , 2013 , 22, 265-9	1.8	23
60	Feasibility of pulmonary valve imaging using three-dimensional transthoracic echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 1076-80	5.8	22
59	The safety profile of perflutren microsphere contrast echocardiography during rest and stress imaging: results from an Australian multicentre cohort. <i>Heart Lung and Circulation</i> , 2013 , 22, 996-1002	1.8	19
58	Effect of catheter device closure of atrial septal defect on diastolic mitral annular motion. <i>American Journal of Cardiology</i> , 2003 , 91, 104-8	3	19
57	Renin and angiotensin-converting enzyme genotypes in patients with essential hypertension and left ventricular hypertrophy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1994 , 21, 207-10	3	19
56	Early and late cardiac perforation by Amplatzer atrial septal defect and patent foramen ovale devices. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1067-70	5.8	17
55	Quantitation of mitral regurgitation after percutaneous MitraClip repair: comparison of Doppler echocardiography and cardiac magnetic resonance imaging. <i>Annals of Cardiothoracic Surgery</i> , 2015 , 4, 341-51	4.7	17

54	Angiotensin-converting enzyme and angiotensinogen genes in patterns of left ventricular hypertrophy and in diastolic dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995 , 22, 438-40	3	16
53	The Cryolife-OBrien stentless aortic porcine xenograft valve. <i>Journal of Cardiac Surgery</i> , 1998 , 13, 376-85.3		15
52	The long-term outcomes of transcatheter ablation of septal hypertrophy compared to surgical myectomy in patients with symptomatic hypertrophic obstructive cardiomyopathy. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, 270-7	2.7	14
51	Percutaneous patent foramen ovale closure: outcomes with the Premere and Amplatzer devices. <i>Cardiovascular Revascularization Medicine</i> , 2011 , 12, 164-169	1.6	14
50	Transesophageal echocardiographic abnormalities in a case of cardiac sarcoidosis. <i>Journal of the American Society of Echocardiography</i> , 2001 , 14, 399-402	5.8	14
49	Radiation Exposure of Operators Performing Transesophageal Echocardiography During Percutaneous Structural Cardiac Interventions. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1246-1254	15.1	13
48	Reversal of cardiovascular remodelling with candesartan. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2001 , 2, S141-S147	3	12
47	Genetic variants of proteins from the renin angiotensin system are associated with pressure load cardiac hypertrophy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996 , 23, 587-90	3	12
46	Transcatheter valve-in-valve replacement of degenerated bioprosthetic aortic valves: a single Australian Centre experience. <i>Cardiovascular Revascularization Medicine</i> , 2014 , 15, 388-92	1.6	11
45	Left ventricular endocardial definition enhancement using perflutren microsphere contrast echocardiography during peripheral venoarterial extracorporeal membranous oxygenation. <i>Echocardiography</i> , 2010 , 27, E112-4	1.5	11
44	Improving the echocardiographic assessment of pulmonary pressure using the tricuspid regurgitant signal-The "chin" vs the "beard". <i>Echocardiography</i> , 2018 , 35, 1085-1096	1.5	10
43	Surgical repair of a large coronary artery aneurysm with arteriovenous fistula. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 1167-8	1.5	10
42	Biventricular diastolic behaviour in patients with hypertrophic and hereditary hemochromatosis cardiomyopathies. <i>European Journal of Echocardiography</i> , 2004 , 5, 356-66		10
41	Feasibility of perflutren microsphere contrast transthoracic echocardiography in the visualization of ventricular endocardium during venovenous extracorporeal membrane oxygenation in a validated ovine model. <i>Echocardiography</i> , 2015 , 32, 548-56	1.5	9
40	Three-dimensional printing: to guide management of a right coronary artery to left ventricular fistula. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 268	4.1	9
39	Comparison of fluoroscopic versus real-time three-dimensional transthoracic echocardiographic guidance of endomyocardial biopsies. <i>European Heart Journal Cardiovascular Imaging</i> , 2010 , 11, 637-43	4.1	9
38	Quantification of perflutren microsphere contrast destruction during transit through an ex vivo extracorporeal membrane oxygenation circuit. <i>Intensive Care Medicine Experimental</i> , 2016 , 4, 7	3.7	8
37	Percutaneous ASD closure in a large Australian series: short- and long-term outcomes. <i>Heart Lung and Circulation</i> , 2012 , 21, 572-5	1.8	8

36	The relative atrial index (RAI)--a novel, simple, reliable, and robust transthoracic echocardiographic indicator of atrial defects. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 275-81	5.8	8
35	Intracardiac echo guided valvuloplasty of a stenotic tricuspid prosthetic valve in a patient with idiopathic hypereosinophilic syndrome. <i>Echocardiography</i> , 2006 , 23, 324-8	1.5	8
34	Contrast microsphere enhancement of the tricuspid regurgitant spectral Doppler signal - Is it still necessary with contemporary scanners?. <i>IJC Heart and Vasculature</i> , 2017 , 17, 1-10	2.4	7
33	Fenestrated atrial septal aneurysm: diagnosis by transesophageal echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1990 , 3, 499-501	5.8	6
32	Tri-leaflet mitral valve variant of hypertrophic obstructive cardiomyopathy: Comprehensive assessment with 3-D transesophageal echocardiography. <i>International Journal of Cardiology</i> , 2015 , 201, 549-51	3.2	5
31	Genetic influences on right ventricular systolic pressure (RVSP) in chronic obstructive pulmonary disease (COPD). <i>BMC Pulmonary Medicine</i> , 2012 , 12, 25	3.5	5
30	Contrast echocardiography in Australian clinical practice. <i>Heart Lung and Circulation</i> , 2010 , 19, 385-94	1.8	5
29	Echocardiography for the clinician: a practical update. <i>Internal Medicine Journal</i> , 2010 , 40, 476-85	1.6	4
28	Systemic air embolization originating from a pleural air leak via a left ventricular assist device cannula anastomosis site. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 341.e1-2	5.8	4
27	Major pulmonary embolism and shock. Persistent hypotension after thrombolysis treated with improvised mechanical fragmentation of thrombus. <i>Medical Journal of Australia</i> , 2003 , 179, 495-6	4	4
26	Images in cardiovascular medicine. Mobile left atrial thrombus associated with mitral stenosis. <i>Circulation</i> , 1998 , 98, 931-2	16.7	4
25	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. <i>Echo Research and Practice</i> , 2019 , 6, 25-35	2	4
24	Transesophageal echocardiography in an operation for pulmonary arteriovenous malformation. <i>Annals of Thoracic Surgery</i> , 1998 , 65, 267-8	2.7	3
23	Mitral valve bio-prosthesis and annuloplasty thrombosis during extracorporeal membrane oxygenation: case series. <i>European Heart Journal - Case Reports</i> , 2020 , 4, 1-6	0.9	3
22	The Feasibility and Clinical Utility of Microsphere Contrast-enhanced Transthoracic Echocardiography in Adult Congenital Heart Disease. <i>Congenital Heart Disease</i> , 2015 , 10, 428-36	3.1	2
21	Anterior ECG changes following iatrogenic dissection of the right coronary artery into the aortic root: exclusion of left coronary obstruction with transoesophageal echocardiography. <i>Cardiovascular Revascularization Medicine</i> , 2013 , 14, 102-5	1.6	2
20	Usefulness of Mitral Valve Prosthetic or Bioprosthetic Time Velocity Index Ratio to Detect Prosthetic or Bioprosthetic Mitral Valve Dysfunction. <i>American Journal of Cardiology</i> , 2017 , 120, 1373-1380	3.8	2
19	Non-tropical endomyocardial fibrosis associated with sarcoidosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 472	4.1	2

18	3-D assessment of infective endocarditis with anterior mitral valve perforation and flail posterior leaflet. <i>International Journal of Cardiology</i> , 2015 , 185, 249	3.2	1
17	Obstructive mechanical valve thrombosis: utility of 3D trans-oesophageal echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 230	4.1	1
16	3-D Transoesophageal echocardiography for guiding percutaneous stenting of pulmonary vein stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 696	4.1	1
15	Direct visualization of septal perforator coronary arterial blood flow during perflutren microsphere contrast echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2009 , 10, 808-10	4.1	1
14	Congenital mitral stenosis by multimodality cardiac imaging. <i>Echocardiography</i> , 2009 , 26, 284-7	1.5	1
13	Image in cardiovascular medicine. Needle in the heart. <i>Circulation</i> , 2003 , 107, e56-7	16.7	1
12	Is coenzyme Q10 helpful for patients with idiopathic cardiomyopathy?. <i>Medical Journal of Australia</i> , 2001 , 175, 447; author reply 447-8	4	1
11	A Rare Case of a Giant Coronary Sinus with Focal Aneurysm Secondary to Multiple Fistulous Connections Arising from a Dilated, Tortuous Left Circumflex Coronary Artery. <i>Case</i> , 2018 , 2, 99-102	0.5	1
10	Infected patent foramen ovale (PFO). <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 957-8	2.5	
9	Multi-modality imaging in the assessment of a metastatic cardiac rhabdomyosarcoma presenting with recurrent ventricular tachycardia. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 306	4.1	
8	A classic yet unusual case: the full spectrum of bicuspid aortic valve disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 398	4.1	
7	Left atrial appendage closure for non-valvular atrial fibrillation. <i>Heart Lung and Circulation</i> , 2012 , 21, 247-8	1.8	
6	Multisite arterial thrombosis: synchronous or metachronous?. <i>Heart Lung and Circulation</i> , 2012 , 21, 302	1.8	
5	Non-toxigenic corynebacterium diphtheriae var gravis endocarditis of the aortic valve. <i>Heart, Lung and Circulation</i> , 1997 , 6, 25-26		
4	Evaluation of Prosthetic Heart Valves 61-74		
3	A lethal pedigree of hypertrophic cardiomyopathy associated with mild left ventricular hypertrophy. <i>Australian and New Zealand Journal of Medicine</i> , 1996 , 26, 845-6		
2	Aortic Prosthetic Valve Obstruction 2011 , 108-111		
1	Diastolic Echocardiographic Examination 2021 , 217-239		

