

# Darryl Burstow

## List of Publications by Year in descending order

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89  
papers

3,141  
citations

186265

28  
h-index

155660

55  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Doppler characterization of left ventricular diastolic function in cardiac amyloidosis. Journal of the American College of Cardiology, 1989, 13, 1017-1026.	2.8	320
2	Effects of Age on Left Ventricular Dimensions and Filling Dynamics in 117 Normal Persons. Mayo Clinic Proceedings, 1994, 69, 212-224.	3.0	289
3	Age-related Prevalence of Valvular Regurgitation in Normal Subjects: A Comprehensive Color Flow Examination of 118, Volunteers. Journal of the American Society of Echocardiography, 1990, 3, 54-63.	2.8	185
4	Continuous wave Doppler echocardiographic measurement of prosthetic valve gradients. A simultaneous Doppler-catheter correlative study.. Circulation, 1989, 80, 504-514.	1.6	175
5	The streptozotocin-diabetic rat as a model of the chronic complications of human diabetes. Heart Lung and Circulation, 2003, 12, 44-50.	0.4	173
6	Two-dimensional echocardiographic findings in systemic sarcoidosis. American Journal of Cardiology, 1989, 63, 478-482.	1.6	160
7	Lack of effect of coenzyme Q on left ventricular function in patients with congestive heart failure11Coenzyme Q and matching placebo tablets were supplied by Health World Limited, Brisbane, Australia.. Journal of the American College of Cardiology, 1999, 33, 1549-1552.	2.8	145
8	Comprehensive Doppler assessment of right ventricular diastolic function in cardiac amyloidosis. Journal of the American College of Cardiology, 1990, 15, 99-108.	2.8	141
9	Cardiac Tamponade: Characteristic Doppler Observations. Mayo Clinic Proceedings, 1989, 64, 312-324.	3.0	99
10	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
11	Arg389Gly- $\beta$ 21-adrenergic receptors determine improvement in left ventricular systolic function in nonischemic cardiomyopathy patients with heart failure after chronic treatment with carvedilol. Pharmacogenetics and Genomics, 2007, 17, 941-949.	1.5	78
12	Accuracy of biplane transesophageal echocardiography in detecting left atrial thrombus. American Journal of Cardiology, 1996, 77, 321-323.	1.6	74
13	Echocardiographic assessment of cardiac structure and function in rats. Heart Lung and Circulation, 2002, 11, 167-173.	0.4	69
14	Three-dimensional echocardiography: Historical development and current applications. Journal of the American Society of Echocardiography, 2001, 14, 403-412.	2.8	52
15	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
16	The role of Doppler left ventricular filling indexes and Doppler tissue echocardiography in the assessment of cardiac involvement in hereditary hemochromatosis. Journal of the American Society of Echocardiography, 2002, 15, 884-890.	2.8	46
17	ePLAR $\hat{e}$ ” The echocardiographic Pulmonary to Left Atrial Ratio $\hat{e}$ ” 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
18	Haemodynamics and left ventricular mass regression: a comparison of the stentless, stented and mechanical aortic valve replacement. European Journal of Cardio-thoracic Surgery, 1998, 13, 572-575.	1.4	44

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19	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, 107-115.	2.8	41
20	Primary Aortic Valve Replacement With Cryopreserved Aortic Allograft. <i>Circulation</i> , 2002, 105, 61-66.	1.6	40
21	Doppler tissue echocardiographic features of cardiac amyloidosis. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 1353-1360.	2.8	40
22	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.	2.8	38
23	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, jew120.	1.2	35
24	Noninvasive Cardiac Output Measurement in Heart Failure Subjects on Circulatory Support. <i>Anesthesia and Analgesia</i> , 2009, 108, 881-886.	2.2	33
25	Cardiovascular Changes During Maturation and Ageing in Male and Female Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 469-478.	1.9	33
26	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, 834-835.	2.7	32
27	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.	1.1	32
28	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.	1.7	30
29	The Role of 3D Transesophageal Echocardiography During Percutaneous Closure of Paravalvular Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 771-773.	5.3	29
30	Feasibility of Pulmonary Valve Imaging Using Three-Dimensional Transthoracic Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 1076-1080.	2.8	28
31	Early Experience of Transaortic TAVI—The Future of Surgical TAVI?. <i>Heart Lung and Circulation</i> , 2013, 22, 265-269.	0.4	26
32	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, 207-210.	1.9	25
33	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.	0.4	22
34	Effect of catheter device closure of atrial septal defect on diastolic mitral annular motion. <i>American Journal of Cardiology</i> , 2003, 91, 104-108.	1.6	21
35	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.	1.7	21
36	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, 438-440.	1.9	20

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37	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, 1067-1070.	2.8	20
38	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, 270-277.	1.7	19
39	The Cryolife-O'Brien Stentless Aortic Porcine Xenograft Valve. <i>Journal of Cardiac Surgery</i> , 1998, 13, 376-385.	0.7	18
40	Transesophageal echocardiographic abnormalities in a case of cardiac sarcoidosis. <i>Journal of the American Society of Echocardiography</i> , 2001, 14, 399-402.	2.8	16
41	Percutaneous patent foramen ovale closure: outcomes with the Premere and Amplatzer devices. <i>Cardiovascular Revascularization Medicine</i> , 2011, 12, 164-169.	0.8	16
42	Improving the echocardiographic assessment of pulmonary pressure using the tricuspid regurgitant signal: The "echin" vs the "beard". <i>Echocardiography</i> , 2018, 35, 1085-1096.	0.9	16
43	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, 587-590.	1.9	14
44	Left Ventricular Endocardial Definition Enhancement Using Perflutren Microsphere Contrast Echocardiography during Peripheral Venoarterial Extracorporeal Membranous Oxygenation. <i>Echocardiography</i> , 2010, 27, E112-4.	0.9	14
45	Reversal of cardiovascular remodelling with candesartan. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2001, 2, S141-S147.	1.7	13
46	Comparison of fluoroscopic versus real-time three-dimensional transthoracic echocardiographic guidance of endomyocardial biopsies. <i>European Heart Journal Cardiovascular Imaging</i> , 2010, 11, 637-643.	1.2	13
47	Three-dimensional printing: to guide management of a right coronary artery to left ventricular fistula. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 268-268.	1.2	13
48	Biventricular diastolic behaviour in patients with hypertrophic and hereditary hemochromatosis cardiomyopathies. <i>European Journal of Echocardiography</i> , 2004, 5, 356-366.	2.3	12
49	Transcatheter valve-in-valve replacement of degenerated bioprosthetic aortic valves: A single Australian Centre experience. <i>Cardiovascular Revascularization Medicine</i> , 2014, 15, 388-392.	0.8	11
50	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, 548-556.	0.9	11
51	Intracardiac Echo Guided Valvuloplasty of a Stenotic Tricuspid Prosthetic Valve in a Patient with Idiopathic Hypereosinophilic Syndrome. <i>Echocardiography</i> , 2006, 23, 324-328.	0.9	10
52	Surgical repair of a large coronary artery aneurysm with arteriovenous fistula. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 1167-1168.	0.8	10
53	Mitral valve bio-prosthesis and annuloplasty thrombosis during extracorporeal membrane oxygenation: case series. <i>European Heart Journal - Case Reports</i> , 2020, 4, 1-6.	0.6	10
54	Percutaneous ASD Closure in a Large Australian Series: Short- and Long-Term Outcomes. <i>Heart Lung and Circulation</i> , 2012, 21, 572-575.	0.4	9

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55	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, 275-281.	2.8	8
56	Contrast Echocardiography in Australian Clinical Practice. <i>Heart Lung and Circulation</i> , 2010, 19, 385-394.	0.4	8
57	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.	1.9	8
58	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. <i>Echo Research and Practice</i> , 2019, 6, 25-35.	2.5	8
59	Genetic influences on right ventricular systolic pressure (RVSP) in chronic obstructive pulmonary disease (COPD). <i>BMC Pulmonary Medicine</i> , 2012, 12, 25.	2.0	7
60	Tri-leaflet mitral valve variant of hypertrophic obstructive cardiomyopathy: Comprehensive assessment with 3-D transesophageal echocardiography. <i>International Journal of Cardiology</i> , 2015, 201, 549-551.	1.7	7
61	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.	1.1	7
62	Fenestrated Atrial Septal Aneurysm: Diagnosis by Transesophageal Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1990, 3, 499-501.	2.8	6
63	Echocardiography for the clinician: a practical update. <i>Internal Medicine Journal</i> , 2010, 40, 476-485.	0.8	6
64	Mobile Left Atrial Thrombus Associated With Mitral Stenosis. <i>Circulation</i> , 1998, 98, 931-932.	1.6	5
65	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.e1-341.e2.	2.8	5
66	Major pulmonary embolism and shock. <i>Medical Journal of Australia</i> , 2003, 179, 495-496.	1.7	4
67	3-D assessment of infective endocarditis with anterior mitral valve perforation and flail posterior leaflet. <i>International Journal of Cardiology</i> , 2015, 185, 249.	1.7	4
68	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.	1.6	4
69	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.	0.3	4
70	Transesophageal Echocardiography in an Operation for Pulmonary Arteriovenous Malformation. <i>Annals of Thoracic Surgery</i> , 1998, 65, 267-268.	1.3	3
71	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, 102-105.	0.8	3
72	Non-tropical endomyocardial fibrosis associated with sarcoidosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 472-472.	1.2	3

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73	Direct visualization of septal perforator coronary arterial blood flow during perflutren microsphere contrast echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2009, 10, 808-810.	1.2	2
74	Congenital Mitral Stenosis by Multimodality Cardiac Imaging. <i>Echocardiography</i> , 2009, 26, 284-287.	0.9	2
75	The Feasibility and Clinical Utility of Microsphere Contrast-enhanced Transthoracic Echocardiography in Adult Congenital Heart Disease. <i>Congenital Heart Disease</i> , 2015, 10, 428-436.	0.2	2
76	Is coenzyme Q <sub>10</sub> helpful for patients with idiopathic cardiomyopathy?. <i>Medical Journal of Australia</i> , 2001, 175, 447-447.	1.7	1
77	Needle in the Heart. <i>Circulation</i> , 2003, 107, e56-7.	1.6	1
78	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, 306-306.	1.2	1
79	Obstructive mechanical valve thrombosis: utility of 3D trans-oesophageal echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 230-230.	1.2	1
80	3-D Transoesophageal echocardiography for guiding percutaneous stenting of pulmonary vein stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 696-696.	1.2	1
81	A lethal pedigree of hypertrophic cardiomyopathy associated with mild left ventricular hypertrophy. <i>Australian and New Zealand Journal of Medicine</i> , 1996, 26, 845-846.	0.5	0
82	Non-toxigenic corynebacterium diphtheriae var gravis endocarditis of the aortic valve. <i>Heart, Lung and Circulation</i> , 1997, 6, 25-26.	0.1	0
83	Evaluation of Prosthetic Heart Valves. , 0, , 61-74.		0
84	Left Atrial Appendage Closure for Non-valvular Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2012, 21, 247-248.	0.4	0
85	Multisite Arterial Thrombosis: Synchronous or Metachronous?. <i>Heart Lung and Circulation</i> , 2012, 21, 302.	0.4	0
86	A classic yet unusual case: the full spectrum of bicuspid aortic valve disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 398-398.	1.2	0
87	Infected patent foramen ovale (PFO). <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 957-958.	1.5	0
88	Diastolic Echocardiographic Examination. , 2021, , 217-239.		0
89	Aortic Prosthetic Valve Obstruction. , 2011, , 108-111.		0