

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	Diastolic Echocardiographic Examination. , 2021, , 217-239.		0
2	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
3	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. Echo Research and Practice, 2019, 6, 25-35.	2.5	8
4	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
5	Three-dimensional printing: to guide management of a right coronary artery to left ventricular fistula. European Heart Journal Cardiovascular Imaging, 2018, 19, 268-268.	1.2	13
6	Radiation Exposure of Operators Performing Transesophageal Echocardiography During Percutaneous Structural Cardiac Interventions. Journal of the American College of Cardiology, 2018, 71, 1246-1254.	2.8	38
7	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. Case, 2018, 2, 99-102.	0.3	4
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	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
10	Usefulness of Mitral Valve Prosthetic or Bioprosthetic Time Velocity Index Ratio to Detect Prosthetic or Bioprosthetic Mitral Valve Dysfunction. American Journal of Cardiology, 2017, 120, 1373-1380.	1.6	4
11	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
12	Accuracy of quantitative echocardiographic measures of right ventricular function as compared to cardiovascular magnetic resonance. IJC Heart and Vasculature, 2016, 12, 38-44.	1.1	32
13	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
14	Tri-leaflet mitral valve variant of hypertrophic obstructive cardiomyopathy: Comprehensive assessment with 3-D transesophageal echocardiography. International Journal of Cardiology, 2015, 201, 549-551.	1.7	7
15	Obstructive mechanical valve thrombosis: utility of 3D trans-oesophageal echocardiography. European Heart Journal Cardiovascular Imaging, 2015, 16, 230-230.	1.2	1
16	3-D Transoesophageal echocardiography for guiding percutaneous stenting of pulmonary vein stenosis. European Heart Journal Cardiovascular Imaging, 2015, 16, 696-696.	1.2	1
17	3-D assessment of infective endocarditis with anterior mitral valve perforation and flail posterior leaflet. International Journal of Cardiology, 2015, 185, 249.	1.7	4
18	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

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19	Infected patent foramen ovale (PFO). <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 957-958.	1.5	0
20	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
21	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
22	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
23	Non-tropical endomyocardial fibrosis associated with sarcoidosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 472-472.	1.2	3
24	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
25	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
26	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, 285-291.	2.8	91
27	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
28	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, 880-887.	2.8	49
29	Early Experience of Transaortic TAVI – The Future of Surgical TAVI?. <i>Heart Lung and Circulation</i> , 2013, 22, 265-269.	0.4	26
30	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
31	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
32	Left Atrial Appendage Closure for Non-valvular Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2012, 21, 247-248.	0.4	0
33	Multisite Arterial Thrombosis: Synchronous or Metachronous?. <i>Heart Lung and Circulation</i> , 2012, 21, 302.	0.4	0
34	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
35	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
36	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

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37	Percutaneous patent foramen ovale closure: outcomes with the Premere and Amplatzer devices. <i>Cardiovascular Revascularization Medicine</i> , 2011, 12, 164-169.	0.8	16
38	Aortic Prosthetic Valve Obstruction. , 2011, , 108-111.		0
39	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
40	Echocardiography for the clinician: a practical update. <i>Internal Medicine Journal</i> , 2010, 40, 476-485.	0.8	6
41	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
42	The Relative Atrial Index (RAI)â€™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
43	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
44	Contrast Echocardiography in Australian Clinical Practice. <i>Heart Lung and Circulation</i> , 2010, 19, 385-394.	0.4	8
45	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
46	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
47	Congenital Mitral Stenosis by Multimodality Cardiac Imaging. <i>Echocardiography</i> , 2009, 26, 284-287.	0.9	2
48	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
49	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
50	Noninvasive Cardiac Output Measurement in Heart Failure Subjects on Circulatory Support. <i>Anesthesia and Analgesia</i> , 2009, 108, 881-886.	2.2	33
51	Arg389Gly-Î²1-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, 941-949.	1.5	78
52	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
53	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
54	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

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55	Biventricular diastolic behaviour in patients with hypertrophic and hereditary hemochromatosis cardiomyopathies. <i>European Journal of Echocardiography</i> , 2004, 5, 356-366.	2.3	12
56	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
57	The streptozotocin-diabetic rat as a model of the chronic complications of human diabetes. <i>Heart Lung and Circulation</i> , 2003, 12, 44-50.	0.4	173
58	Needle in the Heart. <i>Circulation</i> , 2003, 107, e56-7.	1.6	1
59	Major pulmonary embolism and shock. <i>Medical Journal of Australia</i> , 2003, 179, 495-496.	1.7	4
60	Primary Aortic Valve Replacement With Cryopreserved Aortic Allograft. <i>Circulation</i> , 2002, 105, 61-66.	1.6	40
61	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
62	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, 884-890.	2.8	46
63	Doppler tissue echocardiographic features of cardiac amyloidosis. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 1353-1360.	2.8	40
64	Echocardiographic assessment of cardiac structure and function in rats. <i>Heart Lung and Circulation</i> , 2002, 11, 167-173.	0.4	69
65	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
66	Three-dimensional echocardiography: Historical development and current applications. <i>Journal of the American Society of Echocardiography</i> , 2001, 14, 403-412.	2.8	52
67	Is coenzyme Q ₁₀ helpful for patients with idiopathic cardiomyopathy?. <i>Medical Journal of Australia</i> , 2001, 175, 447-447.	1.7	1
68	Reversal of cardiovascular remodelling with candesartan. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2001, 2, S141-S147.	1.7	13
69	Lack of effect of coenzyme Q on left ventricular function in patients with congestive heart failure. Coenzyme Q and matching placebo tablets were supplied by Health World Limited, Brisbane, Australia.. <i>Journal of the American College of Cardiology</i> , 1999, 33, 1549-1552.	2.8	145
70	The Cryolife-O'Brien Stentless Aortic Porcine Xenograft Valve. <i>Journal of Cardiac Surgery</i> , 1998, 13, 376-385.	0.7	18
71	Transesophageal Echocardiography in an Operation for Pulmonary Arteriovenous Malformation. <i>Annals of Thoracic Surgery</i> , 1998, 65, 267-268.	1.3	3
72	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, 572-575.	1.4	44

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73	Mobile Left Atrial Thrombus Associated With Mitral Stenosis. <i>Circulation</i> , 1998, 98, 931-932.	1.6	5
74	Non-toxigenic corynebacterium diphtheriae var gravis endocarditis of the aortic valve. <i>Heart, Lung and Circulation</i> , 1997, 6, 25-26.	0.1	0
75	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
76	Accuracy of biplane transesophageal echocardiography in detecting left atrial thrombus. <i>American Journal of Cardiology</i> , 1996, 77, 321-323.	1.6	74
77	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
78	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
79	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
80	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
81	Effects of Age on Left Ventricular Dimensions and Filling Dynamics in 117 Normal Persons. <i>Mayo Clinic Proceedings</i> , 1994, 69, 212-224.	3.0	289
82	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.	2.8	185
83	Fenestrated Atrial Septal Aneurysm: Diagnosis by Transesophageal Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1990, 3, 499-501.	2.8	6
84	Comprehensive Doppler assessment of right ventricular diastolic function in cardiac amyloidosis. <i>Journal of the American College of Cardiology</i> , 1990, 15, 99-108.	2.8	141
85	Continuous wave Doppler echocardiographic measurement of prosthetic valve gradients. A simultaneous Doppler-catheter correlative study.. <i>Circulation</i> , 1989, 80, 504-514.	1.6	175
86	Two-dimensional echocardiographic findings in systemic sarcoidosis. <i>American Journal of Cardiology</i> , 1989, 63, 478-482.	1.6	160
87	Cardiac Tamponade: Characteristic Doppler Observations. <i>Mayo Clinic Proceedings</i> , 1989, 64, 312-324.	3.0	99
88	Doppler characterization of left ventricular diastolic function in cardiac amyloidosis. <i>Journal of the American College of Cardiology</i> , 1989, 13, 1017-1026.	2.8	320
89	Evaluation of Prosthetic Heart Valves. , 0, , 61-74.		0