Dominic Y Leung

List of Publications by Year
in descending order

94 papers	3,957 citations	136950 32 h-index	123424 61 g-index
94 all docs	94 docs citations	94 times ranked	5046 citing authors

#	Article	IF	Citations
1	Late Outcomes of Patients With Prehospital STâ€Segment Elevation and Appropriate Cardiac Catheterization Laboratory Nonactivation. Journal of the American Heart Association, 2022, 11, .	3.7	4
2	Impact of Targeted Therapies for Coronary Microvascular Dysfunction as Assessed by the Index of Microcirculatory Resistance. Journal of Cardiovascular Translational Research, 2021, 14, 327-337.	2.4	9
3	Comparing the clinical and prognostic impact of proximal versus nonproximal lesions in dominant right coronary artery STâ€elevation myocardial infarction. Catheterization and Cardiovascular Interventions, 2021, 97, E646-E652.	1.7	1
4	Letter to the editor: Breaking the trend in cardiogenic shockâ€"From door-to-balloon to door-to-support. American Heart Journal, 2021, 231, 160.	2.7	0
5	Cognitive impairment as a determinant of response to management plans after heart failure admission. European Journal of Heart Failure, 2021, 23, 1205-1214.	7.1	11
6	An Unexpected Cause of HeartÂFailure in a Young Woman With Treated Lymphoma. JACC: Case Reports, 2021, 3, 938-940.	0.6	0
7	Right ventricular myocardial infarction: pathophysiology, clinical implications and management. Reviews in Cardiovascular Medicine, 2021, 22, 1229.	1.4	7
8	Assessing Coronary Microvascular Dysfunction in Ischaemic Heart Disease: Little Things Can Make a Big Difference. Heart Lung and Circulation, 2020, 29, 118-127.	0.4	4
9	Non-inferiority trials in cardiology: what clinicians need to know. Heart, 2020, 106, 99-104.	2.9	24
10	Defining Subclinical Myocardial Dysfunction and Implications for Patients With Diabetes Mellitus and Preserved Ejection Fraction. American Journal of Cardiology, 2019, 124, 892-898.	1.6	9
11	Cognitive Domains and Postdischarge Outcomes in Hospitalized Patients With Heart Failure. Circulation: Heart Failure, 2019, 12, e006086.	3.9	17
12	3D Echo in Routine Clinical Practice â€“ State of the Art in 2019. Heart Lung and Circulation, 2019, 28, 1400-1410.	0.4	15
13	Alterations in Layer-Specific Left Ventricular Global Longitudinal and Circumferential Strain in Patients With Aortic Stenosis: A Comparison of Aortic Valve Replacement versus Conservative Management Over a 12-Month Period. Journal of the American Society of Echocardiography, 2019, 32, 92-101.	2.8	14
14	The Impact of Atrial Fibrillation ClinicalÂSubtype on Mortality. JACC: Clinical Electrophysiology, 2018, 4, 221-227.	3.2	4
15	Left ventricular function and contractile reserve in patients with hypertension. European Heart Journal Cardiovascular Imaging, 2018, 19, 1253-1259.	1.2	12
16	Left atrial function to identify patients with atrial fibrillation at high risk of stroke: new insights from a large registry. European Heart Journal, 2018, 39, 1416-1425.	2.2	85
17	Left ventricular global longitudinal strain is predictive of all-cause mortality independent of aortic stenosis severity and ejection fraction. European Heart Journal Cardiovascular Imaging, 2018, 19, 859-867.	1.2	108
18	Differential Myocardial Fibre Involvement by Strain Analysis in Patients With Aortic Stenosis. Heart Lung and Circulation, 2018, 27, 1357-1367.	0.4	4

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19	Validation of Predictive Score of 30-Day Hospital Readmission or Death in Patients With Heart Failure. American Journal of Cardiology, 2018, 121, 322-329.	1.6	24
20	Left atrial function: Correlation with left ventricular function and contractile reserve in patients with hypertension. Echocardiography, 2018, 35, 1596-1605.	0.9	9
21	Effects of postâ€discharge management on rates of early reâ€admission and death after hospitalisation for heart failure. Medical Journal of Australia, 2018, 208, 485-491.	1.7	16
22	Impact of Diabetes and Increasing Body Mass Index Category on Left Ventricular Systolic and Diastolic Function. Journal of the American Society of Echocardiography, 2018, 31, 916-925.	2.8	28
23	Relation of Echocardiographic Markers of Left Atrial Fibrosis to Atrial Fibrillation Burden. American Journal of Cardiology, 2018, 122, 584-591.	1.6	38
24	Cardiac dysfunction in type II diabetes: a bittersweet, weighty problem, or both?. Acta Diabetologica, 2017, 54, 91-100.	2.5	5
25	Effects of dipeptidyl peptidase-4 inhibitors on cardiac and endothelial function in type 2 diabetes mellitus: A pilot study. Diabetes and Vascular Disease Research, 2016, 13, 236-243.	2.0	23
26	Mild cognitive impairment predicts death and readmission within 30days of discharge for heart failure. International Journal of Cardiology, 2016, 221, 212-217.	1.7	68
27	Impact of Improved Glycemic Control on Cardiac Function in Type 2 Diabetes Mellitus. Circulation: Cardiovascular Imaging, 2016, 9, e003643.	2.6	74
28	Weight Loss with Sleeve Gastrectomy in Obese Type 2 Diabetes Mellitus: Impact on Cardiac Function. Obesity Surgery, 2016, 26, 321-326.	2.1	46
29	Coronary microvascular function in patients with type 2 diabetes mellitus. EuroIntervention, 2016, 11, 1111-1117.	3.2	13
30	Changes in Right Ventricular Function with Exercise inÂHealthy Subjects: Optimal Parameters and Effects ofÂGender and Age. Journal of the American Society of Echocardiography, 2015, 28, 1441-1451.e1.	2.8	12
31	Anaemia in patients with aortic stenosis: influence on longâ€term prognosis. European Journal of Heart Failure, 2015, 17, 1042-1049.	7.1	22
32	Left ventricular diastolic reserve in patients with type 2 diabetes mellitus. Open Heart, 2015, 2, e000214.	2.3	9
33	Endothelial function and left ventricular diastolic functional reserve in type 2 diabetes mellitus. Open Heart, 2014, 1, e000113.	2.3	15
34	Varying Definitions for Periprocedural Myocardial Infarction Alter Event Rates and Prognostic Implications. Journal of the American Heart Association, 2014, 3, e001086.	3.7	29
35	Effects of Age and Gender on Right Ventricular Systolic and Diastolic Function Using Two-Dimensional Speckle-Tracking Strain. Journal of the American Society of Echocardiography, 2014, 27, 1079-1086.e1.	2.8	49
36	Implantable defibrillators in ischaemic cardiomyopathy: should women be treated differently to men?. Heart, 2014, 100, 190-191.	2.9	0

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37	Evaluation of coronary microvascular function by left ventricular contractile reserve with low-dose dobutamine echocardiography. EuroIntervention, 2014, 9, 1202-1209.	3.2	13
38	Rationale and design of a randomized trial on the impact of aldosterone antagonism on cardiac structure and function in diabetic cardiomyopathy. Cardiovascular Diabetology, 2013, 12, 139.	6.8	6
39	Bare-metal stenting of large coronary arteries in ST-elevation myocardial infarction is associated with low rates of target vessel revascularization. American Heart Journal, 2013, 165, 591-599.	2.7	13
40	Evaluation of a Policy of Selective Drug-eluting Stent Implantation for Patients at High Risk of Restenosis. Heart Lung and Circulation, 2013, 22, 523-532.	0.4	7
41	Association Between Diffuse Myocardial Fibrosis by Cardiac Magnetic Resonance Contrast-Enhanced T ₁ Mapping and Subclinical Myocardial Dysfunction in Diabetic Patients. Circulation: Cardiovascular Imaging, 2012, 5, 51-59.	2.6	109
42	Age- and gender-specific differences in the prognostic value of CT coronary angiography. Heart, 2012, 98, 232-237.	2.9	22
43	Safety and efficacy of rescue angioplasty for ST-elevation myocardial infarction with high utilization rates of glycoprotein IIb/IIIa inhibitors. American Heart Journal, 2012, 163, 649-656.e1.	2.7	11
44	Supporting Treatment decision making to Optimise the Prevention of STROKE in Atrial Fibrillation: The STOP STROKE in AF study. Protocol for a cluster randomised controlled trial. Implementation Science, 2012, 7, 63.	6.9	2
45	Exercise Training in Heart Failure With Preserved Systolic Function: A Randomized Controlled Trial of the Effects on Cardiac Function and Functional Capacity. Congestive Heart Failure, 2012, 18, 295-301.	2.0	110
46	Significance and assessment of coronary microvascular dysfunction. Heart, 2011, 97, 587-595.	2.9	62
47	Atrial Dilation and Altered Function Are Mediated by Age and Diastolic Function But Not Before the Eighth Decade. JACC: Cardiovascular Imaging, 2011, 4, 234-242.	5.3	77
48	Aldosterone Blockade in Metabolic Syndrome. JACC: Cardiovascular Imaging, 2011, 4, 1250-1252.	5.3	0
49	Health-seeking beliefs of cardiovascular patients: A qualitative study. International Journal of Nursing Studies, 2011, 48, 1367-1375.	5.6	28
50	Evaluation of Troponin T Criteria for Periprocedural Myocardial Infarction in Patients With Acute Coronary Syndromes. American Journal of Cardiology, 2011, 107, 863-870.	1.6	13
51	Study protocol: the DESPATCH study: Delivering stroke prevention for patients with atrial fibrillation - a cluster randomised controlled trial in primary healthcare. Implementation Science, 2011, 6, 48.	6.9	7
52	Influence of left ventricular geometry and function on aortic annular dimensions as assessed with multi-detector row computed tomography: implications for transcatheter aortic valve implantation. European Heart Journal, 2011, 32, 2806-2813.	2.2	20
53	Alterations in multidirectional myocardial functions in patients with aortic stenosis and preserved ejection fraction: a two-dimensional speckle tracking analysis. European Heart Journal, 2011, 32, 1542-1550.	2.2	194
54	Quantification of Nonischemic Mitral Regurgitation. , 2011, , 65-70.		0

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55	Exercise Hemodynamics in Nonischemic Mitral Regurgitation. , 2011, , 74-78.		0
56	Prognostic implications of left ventricular dyssynchrony early after non-ST elevation myocardial infarction without congestive heart failure. European Heart Journal, 2010, 31, 298-308.	2.2	13
57	â€˜Where Thereâ€™s Smoke â€¦â€™. Stroke, 2010, 41, 572-573.	2.0	7
58	Incremental Prognostic Value of Novel Left Ventricular Diastolic Indexes for Prediction of Clinical Outcome in Patients With ST-Elevation Myocardial Infarction. American Journal of Cardiology, 2010, 105, 592-597.	1.6	50
59	Prognostic Implications of Left Atrial Volume Index in Patients in Sinus Rhythm. American Journal of Cardiology, 2010, 105, 1635-1639.	1.6	52
60	Predictors of Death and Occurrence of Appropriate Implantable Defibrillator Therapies in Patients With Ischemic Cardiomyopathy. American Journal of Cardiology, 2010, 106, 1566-1573.	1.6	36
61	Comparison of Aortic Root Dimensions and Geometries Before and After Transcatheter Aortic Valve Implantation by 2- and 3-Dimensional Transesophageal Echocardiography and Multislice Computed Tomography. Circulation: Cardiovascular Imaging, 2010, 3, 94-102.	2.6	339
62	Left Atrial Enlargement and Phasic Function in Patients Following Nonâ€“ST Elevation Myocardial Infarction. Journal of the American Society of Echocardiography, 2010, 23, 1251-1258.	2.8	13
63	Emerging Clinical Role of Strain Imaging in Echocardiography. Heart Lung and Circulation, 2010, 19, 161-174.	0.4	81
64	Longitudinal mechanics of the periinfarct zone and ventricular tachycardia inducibility in patients with chronic ischemic cardiomyopathy. American Heart Journal, 2010, 160, 729-736.	2.7	18
65	Myocardial Steatosis and Biventricular Strain and Strain Rate Imaging in Patients With Type 2 Diabetes Mellitus. Circulation, 2010, 122, 2538-2544.	1.6	179
66	Long-Term Impact of Right Ventricular Septal Versus Apical Pacing on Left Ventricular Synchrony and Function in Patients With Second- or Third-Degree Heart Block. American Journal of Cardiology, 2009, 103, 1096-1101.	1.6	83
67	Findings from Left Ventricular Strain and Strain Rate Imaging in Asymptomatic Patients With Type 2 Diabetes Mellitus. American Journal of Cardiology, 2009, 104, 1398-1401.	1.6	261
68	Incremental value of 2-dimensional speckle tracking strain imaging to wall motion analysis for detection of coronary artery disease in patients undergoing dobutamine stress echocardiography. American Heart Journal, 2009, 158, 836-844.	2.7	121
69	Comparison of Myocardial Tissue Velocities Measured by Two-Dimensional Speckle Tracking and Tissue Doppler Imaging. American Journal of Cardiology, 2008, 102, 784-789.	1.6	42
70	Comparison of Left Ventricular Dyssynchrony by Two-Dimensional Speckle Tracking Versus Tissue Doppler Imaging in Patients With Nonâ€“ST-Elevation Myocardial Infarction and Preserved Left Ventricular Systolic Function. American Journal of Cardiology, 2008, 102, 1146-1150.	1.6	13
71	Echocardiographic evaluation of left atrial size and function: Current understanding, pathophysiologic correlates, and prognostic implications. American Heart Journal, 2008, 156, 1056-1064.	2.7	245
72	Left Ventricular Longitudinal and Radial Synchrony and Their Determinants in Healthy Subjects. Journal of the American Society of Echocardiography, 2008, 21, 1042-1048.	2.8	38

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73	A Rare Cause of Pericardial Constriction in a Young Man. Journal of the American Society of Echocardiography, 2007, 20, 197.e5-197.e8.	2.8	4
74	How compliant are we with guidelines for coronary angiography in clinical practice?. Internal Medicine Journal, 2007, 37, 070602000936009-???.	0.8	5
75	Use of functional tests before angiography in patients with normal coronary arteries. International Journal of Cardiology, 2005, 104, 326-331.	1.7	6
76	Quantitative myocardial contrast echocardiography for prediction of Thrombolysis In Myocardial Infarction flow in acute myocardial infarction. American Journal of Cardiology, 2004, 93, 1212-1217.	1.6	11
77	Coronary artery to the left atrial fistula after resection of atrial appendages. Annals of Thoracic Surgery, 2004, 78, e26-e27.	1.3	7
78	Diastolic heart failure: Can we afford to be in diastole?. Heart Lung and Circulation, 2003, 12, 119-122.	0.4	0
79	An unusual cause of hemolysis in a patient with an aortic valved conduit replacement. Journal of the American Society of Echocardiography, 2003, 16, 188-190.	2.8	2
80	Traditional Chinese Medicine and Heart Disease: What Does Western Medicine and Nursing Science Know About It?. European Journal of Cardiovascular Nursing, 2003, 2, 171-181.	0.9	45
81	An unusual case of partial anomalous pulmonary venous drainage. Journal of the American Society of Echocardiography, 2002, 15, 997-999.	2.8	3
82	Effects of age and physiologic variables on right ventricular filling dynamics in normal subjects. American Journal of Cardiology, 1999, 84, 440-448.	1.6	59
83	Right ventricular perforation with cardiac tamponade associated with use of a temporary pacing wire and abciximab during complex coronary angioplasty. Catheterization and Cardiovascular Interventions, 1999, 48, 388-389.	1.7	16
84	Latent left ventricular dysfunction in patients with mitral regurgitation: Feasibility of measuring diminished contractile reserve from a simplified model of noninvasively derived left ventricular pressure-volume loops. American Heart Journal, 1999, 137, 427-434.	2.7	25
85	Accuracy and cost-effectiveness of exercise echocardiography for detection of coronary artery disease in patients with mitral valve prolapse. American Heart Journal, 1997, 134, 1052-1057.	2.7	16
86	Prognostic Implications of Exercise Echocardiography in Women With Known or Suspected Coronary Artery Disease. Journal of the American College of Cardiology, 1997, 30, 414-420.	2.8	79
87	Determinants of Functional Capacity in Chronic Mitral Regurgitation Unassociated With Coronary Artery Disease or Left Ventricular Dysfunction. American Journal of Cardiology, 1997, 79, 914-920.	1.6	32
88	Thromboembolic Risks of Left Atrial Thrombus Detected by Transesophageal Echocardiogram. American Journal of Cardiology, 1997, 79, 626-629.	1.6	106
89	Left ventricular function after valve repair for chronic mitral regurgitation: Predictive value of preoperative assessment of contractile reserve by exercise echocardiography. Journal of the American College of Cardiology, 1996, 28, 1198-1205.	2.8	181
90	Accuracy of biplane transesophageal echocardiography in detecting left atrial thrombus. American Journal of Cardiology, 1996, 77, 321-323.	1.6	74

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91	Transesophageal echocardiography-guided approach to cardioversion of atrial fibrillation. Progress in Cardiovascular Diseases, 1996, 39, 21-32.	3.1	20
92	Left atrial appendage â€œstunningâ€•after spontaneous conversion of atrial fibrillation demonstrated by transesophageal Doppler echocardiography. American Heart Journal, 1995, 130, 174-176.	2.7	135
93	Intraoperative validation of mitral inflow determination by transesophageal echocardiography: Comparison of single-plane, biplane and thermodilution techniques. Journal of the American College of Cardiology, 1995, 26, 1047-1053.	2.8	36
94	Utility of prehospital electrocardiogram interpretation in STâ€segment elevation myocardial infarction utilizing computer interpretation and transmission for interventional cardiologist consultation. Catheterization and Cardiovascular Interventions, 0, , .	1.7	2