

Arnold Ct Ng

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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.

99
papers

4,019
citations

33
h-index

61
g-index

108
ext. papers

4,741
ext. citations

5.3
avg, IF

4.99
L-index

#	Paper	IF	Citations
99	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. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 94-102	3.9	291
98	Findings from left ventricular strain and strain rate imaging in asymptomatic patients with type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2009 , 104, 1398-401	3	227
97	Relative merits of left ventricular dyssynchrony, left ventricular lead position, and myocardial scar to predict long-term survival of ischemic heart failure patients undergoing cardiac resynchronization therapy. <i>Circulation</i> , 2011 , 123, 70-8	16.7	208
96	Transcatheter aortic valve implantation: role of multi-detector row computed tomography to evaluate prosthesis positioning and deployment in relation to valve function. <i>European Heart Journal</i> , 2010 , 31, 1114-23	9.5	199
95	Location and severity of aortic valve calcium and implications for aortic regurgitation after transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , 2011 , 108, 1470-7	3	168
94	Myocardial steatosis and biventricular strain and strain rate imaging in patients with type 2 diabetes mellitus. <i>Circulation</i> , 2010 , 122, 2538-44	16.7	155
93	Alterations in multidirectional myocardial functions in patients with aortic stenosis and preserved ejection fraction: a two-dimensional speckle tracking analysis. <i>European Heart Journal</i> , 2011 , 32, 1542-50	9.5	139
92	Impact of left ventricular systolic function on clinical and echocardiographic outcomes following transcatheter aortic valve implantation for severe aortic stenosis. <i>American Heart Journal</i> , 2010 , 160, 1113-20	4.9	119
91	Global longitudinal strain predicts long-term survival in patients with chronic ischemic cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 383-91	3.9	109
90	Cardiac Amyloid Imaging with 18F-Florbetaben PET: A Pilot Study. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1733-1739	8.9	107
89	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. <i>American Heart Journal</i> , 2009 , 158, 836-44	4.9	98
88	Quantitative assessment of mitral regurgitation: comparison between three-dimensional transesophageal echocardiography and magnetic resonance imaging. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 694-700	3.9	97
87	Intraoperative 2D and 3D transoesophageal echocardiographic predictors of aortic regurgitation after transcatheter aortic valve implantation. <i>Heart</i> , 2012 , 98, 1229-36	5.1	89
86	Association between diffuse myocardial fibrosis by cardiac magnetic resonance contrast-enhanced T1 mapping and subclinical myocardial dysfunction in diabetic patients: a pilot study. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 51-9	3.9	88
85	Left ventricular global longitudinal strain is predictive of all-cause mortality independent of aortic stenosis severity and ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 859-867	4.1	72
84	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. <i>American Journal of Cardiology</i> , 2009 , 103, 1096-101	3	69
83	Emerging clinical role of strain imaging in echocardiography. <i>Heart Lung and Circulation</i> , 2010 , 19, 161-74	4.8	68

82	Prognostic Implications of Raphe in Bicuspid Aortic Valve Anatomy. <i>JAMA Cardiology</i> , 2017 , 2, 285-292	16.2	67
81	Outcomes after transcatheter aortic valve implantation: transfemoral versus transapical approach. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 1244-51	2.7	66
80	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis: Natural Course and Prognostic Value. <i>JAMA Cardiology</i> , 2018 , 3, 839-847	16.2	63
79	Incremental value of subclinical left ventricular systolic dysfunction for the identification of patients with obstructive coronary artery disease. <i>American Heart Journal</i> , 2010 , 159, 148-57	4.9	56
78	Automated assessment of the aortic root dimensions with multidetector row computed tomography. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 716-23	2.7	53
77	Novel use of pleural ultrasound can identify malignant entrapped lung prior to effusion drainage. <i>Chest</i> , 2014 , 146, 1286-1293	5.3	50
76	Multimodality imaging in transcatheter aortic valve implantation: key steps to assess procedural feasibility. <i>EuroIntervention</i> , 2010 , 6, 643-52	3.1	48
75	Impact of Epicardial Adipose Tissue, Left Ventricular Myocardial Fat Content, and Interstitial Fibrosis on Myocardial Contractile Function. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007372	3.9	46
74	Incremental prognostic value of novel left ventricular diastolic indexes for prediction of clinical outcome in patients with ST-elevation myocardial infarction. <i>American Journal of Cardiology</i> , 2010 , 105, 592-7	3	42
73	Impact of clinical and echocardiographic response to cardiac resynchronization therapy on long-term survival. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 774-81	4.1	40
72	Mitral valve morphology assessment: three-dimensional transesophageal echocardiography versus computed tomography. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 1922-9	2.7	40
71	Role of left ventricular twist mechanics in the assessment of cardiac dyssynchrony in heart failure. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 1425-35	8.4	39
70	Comparison of myocardial tissue velocities measured by two-dimensional speckle tracking and tissue Doppler imaging. <i>American Journal of Cardiology</i> , 2008 , 102, 784-9	3	37
69	Changes in left ventricular function after mitral valve repair for severe organic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 754-60	2.7	36
68	Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 538-549	15.1	35
67	Myocardial structural alteration and systolic dysfunction in preclinical hypertrophic cardiomyopathy mutation carriers. <i>PLoS ONE</i> , 2012 , 7, e36115	3.7	35
66	Sex Differences in Phenotypes of Bicuspid Aortic Valve and Aortopathy: Insights From a Large Multicenter, International Registry. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	33
65	Detection of subtle left ventricular systolic dysfunction in patients with significant aortic regurgitation and preserved left ventricular ejection fraction: speckle tracking echocardiographic analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 992-9	4.1	33

64	Effect of cardiac resynchronization therapy in patients without left intraventricular dyssynchrony. <i>European Heart Journal</i> , 2012 , 33, 913-20	9.5	33
63	Diabesity: the combined burden of obesity and diabetes on heart disease and the role of imaging. <i>Nature Reviews Cardiology</i> , 2021 , 18, 291-304	14.8	33
62	Left ventricular rotational mechanics in patients with coronary artery disease: differences in subendocardial and subepicardial layers. <i>Heart</i> , 2010 , 96, 1737-43	5.1	32
61	Prevalence and characteristics of patients with clinical improvement but not significant left ventricular reverse remodeling after cardiac resynchronization therapy. <i>American Heart Journal</i> , 2010 , 160, 737-43	4.9	32
60	Both exogenous subclinical hyperthyroidism and short-term overt hypothyroidism affect myocardial strain in patients with differentiated thyroid carcinoma. <i>Thyroid</i> , 2011 , 21, 471-6	6.2	32
59	Natriuretic peptide levels predict recurrence of atrial fibrillation after radiofrequency catheter ablation. <i>American Heart Journal</i> , 2011 , 161, 197-203	4.9	31
58	Clinical and echocardiographic predictors of nonresponse to cardiac resynchronization therapy. <i>American Heart Journal</i> , 2011 , 161, 552-7	4.9	31
57	Transcatheter aortic valve implantation: role of multimodality cardiac imaging. <i>Expert Review of Cardiovascular Therapy</i> , 2010 , 8, 113-23	2.5	30
56	Prediction of atrial fibrillation in patients with an implantable cardioverter-defibrillator and heart failure. <i>European Journal of Heart Failure</i> , 2010 , 12, 1101-10	12.3	28
55	Predictors of death and occurrence of appropriate implantable defibrillator therapies in patients with ischemic cardiomyopathy. <i>American Journal of Cardiology</i> , 2010 , 106, 1566-73	3	28
54	Surgical ventricular restoration for patients with ischemic heart failure: determinants of two-year survival. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 491-8	2.7	27
53	Impact of left ventricular dyssynchrony early on left ventricular function after first acute myocardial infarction. <i>American Journal of Cardiology</i> , 2010 , 105, 306-11	3	26
52	Impact of flow and left ventricular strain on outcome of patients with preserved left ventricular ejection fraction and low gradient severe aortic stenosis undergoing aortic valve replacement. <i>American Journal of Cardiology</i> , 2014 , 114, 1875-81	3	22
51	Abnormal cardiac contractility in long-term exogenous subclinical hyperthyroid patients as demonstrated by two-dimensional echocardiography speckle tracking imaging. <i>European Journal of Endocrinology</i> , 2010 , 163, 435-41	6.5	22
50	Effect of biventricular pacing on diastolic dyssynchrony. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1567-75	15.1	22
49	Impact of time to reperfusion after acute myocardial infarction on myocardial damage assessed by left ventricular longitudinal strain. <i>American Journal of Cardiology</i> , 2009 , 104, 480-5	3	21
48	Epicardial Adipose Tissue Volume and Left Ventricular Myocardial Function Using 3-Dimensional Speckle Tracking Echocardiography. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 1485-1492	3.8	21
47	Percutaneous valve-in-valve procedure for severe paravalvular regurgitation in aortic bioprosthesis. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 522-3	8.4	20

46	The effect of cardiac resynchronization therapy on left ventricular diastolic function assessed with speckle-tracking echocardiography. <i>European Journal of Heart Failure</i> , 2011 , 13, 1133-9	12.3	19
45	The Prevalence of Pacing-Induced Cardiomyopathy (PICM) in Patients With Long Term Right Ventricular Pacing - Is it a Matter Of Definition?. <i>Heart Lung and Circulation</i> , 2019 , 28, 1027-1033	1.8	18
44	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. <i>European Heart Journal</i> , 2011 , 32, 2806-13	9.5	18
43	Impact of Diabetes and Increasing Body Mass Index Category on Left Ventricular Systolic and Diastolic Function. <i>Journal of the American Society of Echocardiography</i> , 2018 , 31, 916-925	5.8	17
42	Left ventricular muscle and fluid mechanics in acute myocardial infarction. <i>American Journal of Cardiology</i> , 2010 , 106, 1404-9	3	17
41	Aortic stiffness is related to left ventricular diastolic function in patients with diabetes mellitus type 1: assessment with MRI and speckle tracking strain analysis. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 633-41	2.5	16
40	Multimodality imaging in diabetic heart disease. <i>Current Problems in Cardiology</i> , 2011 , 36, 9-47	17.1	16
39	Prediction of cardiac resynchronization therapy response: value of calibrated integrated backscatter imaging. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 86-93	3.9	16
38	Determinants and prognostic implications of left ventricular mechanical dispersion in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 740-748	4.1	15
37	Prediction of response to cardiac resynchronization therapy combining two different three-dimensional analyses of left ventricular dyssynchrony. <i>American Journal of Cardiology</i> , 2011 , 108, 711-7	3	15
36	Successful transapical transcatheter valve implantation within a dysfunctional mitral bioprosthesis. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 222-3	8.4	15
35	Anaemia in patients with aortic stenosis: influence on long-term prognosis. <i>European Journal of Heart Failure</i> , 2015 , 17, 1042-9	12.3	14
34	Time course of left ventricular remodelling and mechanics after aortic valve surgery: aortic stenosis vs. aortic regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1105-1111	4.1	13
33	Prognostic implications of left ventricular dyssynchrony early after non-ST elevation myocardial infarction without congestive heart failure. <i>European Heart Journal</i> , 2010 , 31, 298-308	9.5	12
32	Effect of cardiac resynchronization therapy on subendo- and subepicardial left ventricular twist mechanics and relation to favorable outcome. <i>American Journal of Cardiology</i> , 2010 , 106, 682-7	3	12
31	Leaflet immobility and thrombosis in transcatheter aortic valve replacement. <i>European Heart Journal</i> , 2020 , 41, 3184-3197	9.5	12
30	Cardiac amyloid imaging with F-florbetaben positron emission tomography: a pilot study. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2017 , 24, 162	2.7	11
29	Exploring Noninvasive Tricuspid dP/dt as a Marker of Right Ventricular Function. <i>Echocardiography</i> , 2015 , 32, 1347-51	1.5	11

28	Longitudinal mechanics of the periinfarct zone and ventricular tachycardia inducibility in patients with chronic ischemic cardiomyopathy. <i>American Heart Journal</i> , 2010 , 160, 729-36	4.9	11
27	Late calcineurin inhibitor withdrawal prevents progressive left ventricular diastolic dysfunction in renal transplant recipients. <i>Transplantation</i> , 2012 , 94, 721-8	1.8	11
26	Comparison of left ventricular dyssynchrony by two-dimensional speckle tracking versus tissue Doppler imaging in patients with non-ST-elevation myocardial infarction and preserved left ventricular systolic function. <i>American Journal of Cardiology</i> , 2008 , 102, 1146-50	3	11
25	Epicardial Adipose Tissue Is Associated With Left Atrial Dysfunction in People Without Obstructive Coronary Artery Disease or Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1019-1025	3.8	10
24	Incremental value of left ventricular global longitudinal strain in a newly proposed staging classification based on cardiac damage in patients with severe aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1248-1258	4.1	10
23	Left atrial enlargement and phasic function in patients following non-ST elevation myocardial infarction. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 1251-8	5.8	9
22	Prognostic implications of left ventricular global longitudinal strain in patients with bicuspid aortic valve disease and preserved left ventricular ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 759-767	4.1	9
21	Prevalence and Prognostic Relevance of Ventricular Conduction Disturbances in Patients With Aortic Stenosis. <i>American Journal of Cardiology</i> , 2017 , 120, 2226-2232	3	7
20	Defining Subclinical Myocardial Dysfunction and Implications for Patients With Diabetes Mellitus and Preserved Ejection Fraction. <i>American Journal of Cardiology</i> , 2019 , 124, 892-898	3	7
19	Quantification of Intramyocardial Metabolites by Proton Magnetic Resonance Spectroscopy. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 24	5.4	7
18	Stress-induced takotsubo cardiomyopathy in survivors of the 2011 Queensland floods. <i>Medical Journal of Australia</i> , 2013 , 198, 109-10	4	7
17	High mortality in patients presenting with acute pulmonary embolism and elevated INR not on anticoagulant therapy. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 1191-9	7	6
16	Bicuspid Aortic Valve Disease: New Insights. <i>Structural Heart</i> , 2017 , 1, 9-17	0.6	5
15	Glycated hemoglobin vs fasting plasma glucose as a predictor of left ventricular dysfunction after ST-elevation myocardial infarction. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 44-9	3.8	4
14	Application of left ventricular strain in patients with aortic and mitral valve disease. <i>Current Opinion in Cardiology</i> , 2018 , 33, 470-478	2.1	4
13	Hyperdynamic left ventricular function and the prognostic implications for heart failure with preserved ejection fraction. <i>European Heart Journal</i> , 2020 , 41, 1258-1259	9.5	3
12	Prognostic Implications of Renal Dysfunction in Patients With Aortic Stenosis. <i>American Journal of Cardiology</i> , 2020 , 125, 1108-1114	3	2
11	Electrocardiographic Pattern of Left Ventricular Hypertrophy with Strain and Survival in Calcific Aortic Valve Disease. <i>Structural Heart</i> , 2018 , 2, 240-246	0.6	2

10	Preoperative hyperglycaemia and risk of myocardial injury after non-cardiac surgery. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 757-759	18.1	1
9	Multimodality imaging of a rare case of cardiac lipomatosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 115	4.1	1
8	Rates and predictors of general practitioner (GP) follow-up postdischarge from a tertiary hospital cardiology unit: a retrospective cohort study. <i>BMJ Open</i> , 2019 , 9, e031627	3	1
7	Accuracy of Cardiac Nurse Acquired and Measured Three-Dimensional Echocardiographic Left Ventricular Ejection Fraction: Comparison to Echocardiographer. <i>Heart Lung and Circulation</i> , 2020 , 29, 703-709	1.8	1
6	Prognostic Implications of Associated Cardiac Abnormalities Detected on Echocardiography in Patients With Moderate Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1724-1737	8.4	1
5	An Unusual Cause of Out-of-Hospital Cardiac Arrest Recorded on a Heart Rate Monitor. <i>Heart Lung and Circulation</i> , 2016 , 25, e130-2	1.8	
4	When can heart failure treatment be stopped safely?. <i>Lancet, The</i> , 2019 , 394, 217	4.0	
3	Reply to the letter by Lin et al Longitudinal mechanics of the periinfarct zone and ventricular tachycardia inducibility in patients with chronic ischemic cardiomyopathy. <i>American Heart Journal</i> , 2011 , 161, e19	4.9	
2	Prospective Intervention on Discharge Summaries Improves Rates of Patients Following Up with General Practitioners Post Hospital Cardiology Discharge. <i>Journal of General Internal Medicine</i> , 2021 , 36, 1479-1480	4	
1	Deep Inspiration Breath Hold and Global Longitudinal Strain in Women Undergoing Left-Sided Breast Irradiation. <i>JACC: CardioOncology</i> , 2022 , 4, 136-138	3.8	