Arnold Ct Ng

List of Publications by Year
in descending order

108	5,303	87723	88477
papers	citations	38 h-index	70 g-index

108	108	108	6217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autonomic dysfunction in Huntingtonâ€™s disease: A 123I-MIBG study. Journal of Nuclear Cardiology, 2022, 29, 649-651.	1.4	2
2	Deep Inspiration Breath Hold and Global Longitudinal Strain in Women Undergoing Left-Sided Breast Irradiation. JACC: CardioOncology, 2022, 4, 136-138.	1.7	0
3	Left ventricular remodelling in bicuspid aortic valve disease. European Heart Journal Cardiovascular Imaging, 2022, 23, 1669-1679.	0.5	8
4	Hybrid Positron emission tomography/magnetic resonance imaging in viability assessment. Journal of Nuclear Cardiology, 2021, 28, 2343-2345.	1.4	0
5	Prospective Intervention on Discharge Summaries Improves Rates of Patients Following Up with General Practitioners Post Hospital Cardiology Discharge. Journal of General Internal Medicine, 2021, 36, 1479-1480.	1.3	0
6	Diabesity: the combined burden of obesity and diabetes on heart disease and the role of imaging. Nature Reviews Cardiology, 2021, 18, 291-304.	6.1	141
7	Prognostic Implications of Associated Cardiac Abnormalities Detected on Echocardiography in Patients With Moderate Aortic Stenosis. JACC: Cardiovascular Imaging, 2021, 14, 1724-1737.	2.3	33
8	Hyperdynamic left ventricular function and the prognostic implications for heart failure with preserved ejection fraction. European Heart Journal, 2020, 41, 1258-1259.	1.0	9
9	Accuracy of Cardiac Nurse Acquired and Measured Three-Dimensional Echocardiographic Left Ventricular Ejection Fraction: Comparison to Echosonographer. Heart Lung and Circulation, 2020, 29, 703-709.	0.2	2
10	Prognostic implications of left ventricular global longitudinal strain in patients with bicuspid aortic valve disease and preserved left ventricular ejection fraction. European Heart Journal Cardiovascular Imaging, 2020, 21, 759-767.	0.5	20
11	Cardiac autonomic nerve system and epicardial fat in atrial fibrillation. International Journal of Cardiology, 2020, 303, 58-59.	0.8	2
12	Cardiac Magnetic Resonance to Enhance Phenotypic Characterization of HFpEF. JACC: Cardiovascular Imaging, 2020, 13, 2129-2131.	2.3	0
13	An international, multicentre survey of echocardiographic abnormalities in COVID-19 patients. European Heart Journal Cardiovascular Imaging, 2020, 21, 959-960.	0.5	3
14	Incremental value of left ventricular global longitudinal strain in a newly proposed staging classification based on cardiac damage in patients with severe aortic stenosis. European Heart Journal Cardiovascular Imaging, 2020, 21, 1248-1258.	0.5	33
15	Leaflet immobility and thrombosis in transcatheter aortic valve replacement. European Heart Journal, 2020, 41, 3184-3197.	1.0	24
16	Prognostic Implications of Renal Dysfunction in Patients With Aortic Stenosis. American Journal of Cardiology, 2020, 125, 1108-1114.	0.7	6
17	Individualized Patient Risk Stratification Using Machine Learning and Topological Data Analysis. JACC: Cardiovascular Imaging, 2020, 13, 1133-1134.	2.3	4
18	The Prevalence of Pacing-Induced Cardiomyopathy (PICM) in Patients With Long Term Right Ventricular Pacing â^' Is it a Matter Of Definition?. Heart Lung and Circulation, 2019, 28, 1027-1033.	0.2	44

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19	When can heart failure treatment be stopped safely?. Lancet, The, 2019, 394, 217.	6.3	0
20	Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 74, 538-549.	1.2	93
21	Defining Subclinical Myocardial Dysfunction and Implications for Patients With Diabetes Mellitus and Preserved Ejection Fraction. American Journal of Cardiology, 2019, 124, 892-898.	0.7	9
22	Diagnostic value of hybrid imaging with computed tomography coronary angiogram and stress positron emission tomography in patients with coronary artery bypass grafting. European Heart Journal Cardiovascular Imaging, 2019, 20, 1296-1297.	0.5	0
23	Time course of left ventricular remodelling and mechanics after aortic valve surgery: aortic stenosis vs. aortic regurgitation. European Heart Journal Cardiovascular Imaging, 2019, 20, 1105-1111.	0.5	25
24	Determinants and prognostic implications of left ventricular mechanical dispersion in aortic stenosis. European Heart Journal Cardiovascular Imaging, 2019, 20, 740-748.	0.5	23
25	Rates and predictors of general practitioner (GP) follow-up postdischarge from a tertiary hospital cardiology unit: a retrospective cohort study. BMJ Open, 2019, 9, e031627.	0.8	2
26	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.	0.5	108
27	Impact of Epicardial Adipose Tissue, Left Ventricular Myocardial Fat Content, and Interstitial Fibrosis on Myocardial Contractile Function. Circulation: Cardiovascular Imaging, 2018, 11, e007372.	1.3	90
28	Lessons from an International Bicuspid Aortic Valve Disease Registry: the Raphe and Beyond. Heart Lung and Circulation, 2018, 27, 782-784.	0.2	1
29	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.	1.2	28
30	Electrocardiographic Pattern of Left Ventricular Hypertrophy with Strain and Survival in Calcific Aortic Valve Disease. Structural Heart, 2018, 2, 240-246.	0.2	2
31	Preoperative hyperglycaemia and risk of myocardial injury after non-cardiac surgery. Lancet Diabetes and Endocrinology,the, 2018, 6, 757-759.	5.5	1
32	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis. JAMA Cardiology, 2018, 3, 839.	3.0	114
33	Application of left ventricular strain in patients with aortic and mitral valve disease. Current Opinion in Cardiology, 2018, 33, 470-478.	0.8	13
34	Epicardial Adipose Tissue Is Associated With Left Atrial Dysfunction in People Without Obstructive Coronary Artery Disease or Atrial Fibrillation. Canadian Journal of Cardiology, 2018, 34, 1019-1025.	0.8	19
35	Sex Differences in Phenotypes of Bicuspid Aortic Valve and Aortopathy. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	63
36	Cardiac amyloid imaging with ¹⁸F-florbetaben positron emission tomography: a pilot study. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 162-162.	1.4	15

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37	Prognostic Implications of Raphe in Bicuspid Aortic Valve Anatomy. JAMA Cardiology, 2017, 2, 285.	3.0	101
38	Prevalence and Prognostic Relevance of Ventricular Conduction Disturbances in Patients With Aortic Stenosis. American Journal of Cardiology, 2017, 120, 2226-2232.	0.7	12
39	Bicuspid Aortic Valve Disease: New Insights. Structural Heart, 2017, 1, 9-17.	0.2	6
40	Multimodality imaging of a rare case of cardiac lipomatosis. European Heart Journal Cardiovascular Imaging, 2017, 18, 115-115.	0.5	1
41	High mortality in patients presenting with acute pulmonary embolism and elevated INR not on anticoagulant therapy. Thrombosis and Haemostasis, 2016, 115, 1191-1199.	1.8	9
42	Epicardial Adipose Tissue Volume and Left Ventricular Myocardial Function Using 3-Dimensional Speckle Tracking Echocardiography. Canadian Journal of Cardiology, 2016, 32, 1485-1492.	0.8	30
43	Cardiac Amyloid Imaging with ¹⁸F-Florbetaben PET: A Pilot Study. Journal of Nuclear Medicine, 2016, 57, 1733-1739.	2.8	135
44	An Unusual Cause of Out-of-Hospital Cardiac Arrest Recorded on a Heartrate Monitor. Heart Lung and Circulation, 2016, 25, e130-e132.	0.2	0
45	Anaemia in patients with aortic stenosis: influence on longâ€term prognosis. European Journal of Heart Failure, 2015, 17, 1042-1049.	2.9	22
46	Quantification of Intramyocardial Metabolites by Proton Magnetic Resonance Spectroscopy. Frontiers in Cardiovascular Medicine, 2015, 2, 24.	1.1	10
47	Exploring Noninvasive Tricuspid dP/dt as a Marker of Right Ventricular Function. Echocardiography, 2015, 32, 1347-1351.	0.3	13
48	Detection of subtle left ventricular systolic dysfunction in patients with significant aortic regurgitation and preserved left ventricular ejection fraction: speckle tracking echocardiographic analysis. European Heart Journal Cardiovascular Imaging, 2015, 16, 992-9.	0.5	48
49	Glycated Hemoglobin vs Fasting Plasma Glucose as a Predictor of Left Ventricular Dysfunction After ST-Elevation Myocardial Infarction. Canadian Journal of Cardiology, 2015, 31, 44-49.	0.8	5
50	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. American Journal of Cardiology, 2014, 114, 1875-1881.	0.7	29
51	Novel Use of Pleural Ultrasound Can Identify Malignant Entrapped Lung Prior to Effusion Drainage. Chest, 2014, 146, 1286-1293.	0.4	72
52	Aortic stiffness is related to left ventricular diastolic function in patients with diabetes mellitus type 1: assessment with MRI and speckle tracking strain analysis. International Journal of Cardiovascular Imaging, 2013, 29, 633-641.	0.7	18
53	Impact of clinical and echocardiographic response to cardiac resynchronization therapy on long-term survival. European Heart Journal Cardiovascular Imaging, 2013, 14, 774-781.	0.5	49
54	Stressâ€induced takotsubo cardiomyopathy in survivors of the 2011 Queensland floods. Medical Journal of Australia, 2013, 198, 109-110.	0.8	13

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55	Global Longitudinal Strain Predicts Long-Term Survival in Patients With Chronic Ischemic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2012, 5, 383-391.	1.3	144
56	Intraoperative 2D and 3D transoesophageal echocardiographic predictors of aortic regurgitation after transcatheter aortic valve implantation. Heart, 2012, 98, 1229-1236.	1.2	99
57	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.	1.3	109
58	Late Calcineurin Inhibitor Withdrawal Prevents Progressive Left Ventricular Diastolic Dysfunction in Renal Transplant Recipients. Transplantation, 2012, 94, 721-728.	0.5	12
59	Effect of cardiac resynchronization therapy in patients without left intraventricular dyssynchrony. European Heart Journal, 2012, 33, 913-920.	1.0	38
60	Changes in Left Ventricular Function After Mitral Valve Repair for Severe Organic Mitral Regurgitation. Annals of Thoracic Surgery, 2012, 93, 754-760.	0.7	45
61	Myocardial Structural Alteration and Systolic Dysfunction in Preclinical Hypertrophic Cardiomyopathy Mutation Carriers. PLoS ONE, 2012, 7, e36115.	1.1	35
62	The effect of cardiac resynchronization therapy on left ventricular diastolic function assessed with speckle-tracking echocardiography. European Journal of Heart Failure, 2011, 13, 1133-1139.	2.9	21
63	Natriuretic peptide levels predict recurrence of atrial fibrillation after radiofrequency catheter ablation. American Heart Journal, 2011, 161, 197-203.	1.2	41
64	Clinical and echocardiographic predictors of nonresponse to cardiac resynchronization therapy. American Heart Journal, 2011, 161, 552-557.	1.2	40
65	Reply to the letter by Lin et al â€œLongitudinal mechanics of the periinfarct zone and ventricular tachycardia inducibility in patients with chronic ischemic cardiomyopathyâ€• American Heart Journal, 2011, 161, e19.	1.2	0
66	Multimodality Imaging in Diabetic Heart Disease. Current Problems in Cardiology, 2011, 36, 9-47.	1.1	17
67	Prediction of Response to Cardiac Resynchronization Therapy Combining Two Different Three-Dimensional Analyses of Left Ventricular Dyssynchrony. American Journal of Cardiology, 2011, 108, 711-717.	0.7	16
68	Location and Severity of Aortic Valve Calcium and Implications for Aortic Regurgitation After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2011, 108, 1470-1477.	0.7	199
69	Automated Assessment of the Aortic Root Dimensions With Multidetector Row Computed Tomography. Annals of Thoracic Surgery, 2011, 91, 716-723.	0.7	60
70	Surgical Ventricular Restoration for Patients With Ischemic Heart Failure: Determinants of Two-Year Survival. Annals of Thoracic Surgery, 2011, 91, 491-498.	0.7	30
71	Outcomes After Transcatheter Aortic Valve Implantation: Transfemoral Versus Transapical Approach. Annals of Thoracic Surgery, 2011, 92, 1244-1251.	0.7	80
72	Both Exogenous Subclinical Hyperthyroidism and Short-Term Overt Hypothyroidism Affect Myocardial Strain in Patients with Differentiated Thyroid Carcinoma. Thyroid, 2011, 21, 471-476.	2.4	35

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73	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.	1.0	20
74	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. Circulation, 2011, 123, 70-78.	1.6	259
75	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.	1.0	194
76	Prognostic implications of left ventricular dyssynchrony early after non-ST elevation myocardial infarction without congestive heart failure. European Heart Journal, 2010, 31, 298-308.	1.0	13
77	Impact of Left Ventricular Dyssynchrony Early on Left Ventricular Function After First Acute Myocardial Infarction. American Journal of Cardiology, 2010, 105, 306-311.	0.7	28
78	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.	0.7	50
79	Effect of Cardiac Resynchronization Therapy on Subendo- and Subepicardial Left Ventricular Twist Mechanics and Relation to Favorable Outcome. American Journal of Cardiology, 2010, 106, 682-687.	0.7	14
80	Left Ventricular Muscle and Fluid Mechanics in Acute Myocardial Infarction. American Journal of Cardiology, 2010, 106, 1404-1409.	0.7	20
81	Predictors of Death and Occurrence of Appropriate Implantable Defibrillator Therapies in Patients With Ischemic Cardiomyopathy. American Journal of Cardiology, 2010, 106, 1566-1573.	0.7	36
82	Mitral Valve Morphology Assessment: Three-Dimensional Transesophageal Echocardiography Versus Computed Tomography. Annals of Thoracic Surgery, 2010, 90, 1922-1929.	0.7	49
83	Quantitative Assessment of Mitral Regurgitation. Circulation: Cardiovascular Imaging, 2010, 3, 694-700.	1.3	123
84	Prediction of Cardiac Resynchronization Therapy Response. Circulation: Cardiovascular Imaging, 2010, 3, 86-93.	1.3	20
85	Abnormal cardiac contractility in long-term exogenous subclinical hyperthyroid patients as demonstrated by two-dimensional echocardiography speckle tracking imaging. European Journal of Endocrinology, 2010, 163, 435-441.	1.9	25
86	Prediction of atrial fibrillation in patients with an implantable cardioverterâ€defibrillator and heart failure. European Journal of Heart Failure, 2010, 12, 1101-1110.	2.9	34
87	Left ventricular rotational mechanics in patients with coronary artery disease: differences in subendocardial and subepicardial layers. Heart, 2010, 96, 1737-1743.	1.2	33
88	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.	1.3	339
89	Transcatheter aortic valve implantation: role of multi-detector row computed tomography to evaluate prosthesis positioning and deployment in relation to valve function. European Heart Journal, 2010, 31, 1114-1123.	1.0	229
90	Transcatheter aortic valve implantation: role of multimodality cardiac imaging. Expert Review of Cardiovascular Therapy, 2010, 8, 113-123.	0.6	33

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91	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.	1.2	13
92	Effect of Biventricular Pacing on Diastolic Dyssynchrony. Journal of the American College of Cardiology, 2010, 56, 1567-1575.	1.2	26
93	Successful Transapical Transcatheter Valve Implantation Within a Dysfunctional Mitral Bioprosthesis. JACC: Cardiovascular Imaging, 2010, 3, 222-223.	2.3	15
94	Emerging Clinical Role of Strain Imaging in Echocardiography. Heart Lung and Circulation, 2010, 19, 161-174.	0.2	81
95	Incremental value of subclinical left ventricular systolic dysfunction for the identification of patients with obstructive coronary artery disease. American Heart Journal, 2010, 159, 148-157.	1.2	74
96	Longitudinal mechanics of the periinfarct zone and ventricular tachycardia inducibility in patients with chronic ischemic cardiomyopathy. American Heart Journal, 2010, 160, 729-736.	1.2	18
97	Prevalence and characteristics of patients with clinical improvement but not significant left ventricular reverse remodeling after cardiac resynchronization therapy. American Heart Journal, 2010, 160, 737-743.	1.2	37
98	Impact of left ventricular systolic function on clinical and echocardiographic outcomes following transcatheter aortic valve implantation for severe aortic stenosis. American Heart Journal, 2010, 160, 1113-1120.	1.2	138
99	Myocardial Steatosis and Biventricular Strain and Strain Rate Imaging in Patients With Type 2 Diabetes Mellitus. Circulation, 2010, 122, 2538-2544.	1.6	179
100	Multimodality imaging in transcatheter aortic valve implantation: key steps to assess procedural feasibility. EuroIntervention, 2010, 6, 643-652.	1.4	56
101	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.	0.7	83
102	Impact of Time to Reperfusion After Acute Myocardial Infarction on Myocardial Damage Assessed by Left Ventricular Longitudinal Strain. American Journal of Cardiology, 2009, 104, 480-485.	0.7	27
103	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.	0.7	261
104	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.	1.2	121
105	Percutaneous Valve-in-Valve Procedure for Severe Paravalvular Regurgitation in Aortic Bioprosthesis. JACC: Cardiovascular Imaging, 2009, 2, 522-523.	2.3	22
106	Role of Left Ventricular Twist Mechanics in the Assessment of Cardiac Dyssynchrony in Heart Failure. JACC: Cardiovascular Imaging, 2009, 2, 1425-1435.	2.3	47
107	Comparison of Myocardial Tissue Velocities Measured by Two-Dimensional Speckle Tracking and Tissue Doppler Imaging. American Journal of Cardiology, 2008, 102, 784-789.	0.7	42
108	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.	0.7	13