Cheuk-man Yu

List of Publications by Year
in descending order

117 papers	8,840 citations	81900 39 h-index	40979 93 g-index
119 all docs	119 docs citations	119 times ranked	7877 citing authors

#	Article	IF	Citations
1	Intrathoracic Impedance Monitoring in Patients With Heart Failure. Circulation, 2005, 112, 841-848.	1.6	639
2	Left Ventricular Reverse Remodeling but Not Clinical Improvement Predicts Long-Term Survival After Cardiac Resynchronization Therapy. Circulation, 2005, 112, 1580-1586.	1.6	631
3	Predictors of left ventricular reverse remodeling after cardiac resynchronization therapy for heart failure secondary to idiopathic dilated or ischemic cardiomyopathy. American Journal of Cardiology, 2003, 91, 684-688.	1.6	580
4	Tissue Doppler Imaging Is Superior to Strain Rate Imaging and Postsystolic Shortening on the Prediction of Reverse Remodeling in Both Ischemic and Nonischemic Heart Failure After Cardiac Resynchronization Therapy. Circulation, 2004, 110, 66-73.	1.6	577
5	Understanding Nonresponders of Cardiac Resynchronization Therapy-Current and Future Perspectives. Journal of Cardiovascular Electrophysiology, 2005, 16, 1117-1124.	1.7	541
6	Tissue Doppler Imaging. Journal of the American College of Cardiology, 2007, 49, 1903-1914.	2.8	508
7	HRS Expert Consensus Statement on remote interrogation and monitoring for cardiovascular implantable electronic devices. Heart Rhythm, 2015, 12, e69-e100.	0.7	449
8	Cardiac Resynchronization Therapy. Journal of the American College of Cardiology, 2005, 46, 2153-2167.	2.8	437
9	Biventricular Pacing in Patients with Bradycardia and Normal Ejection Fraction. New England Journal of Medicine, 2009, 361, 2123-2134.	27.0	392
10	A novel tool to assess systolic asynchrony and identify responders of cardiac resynchronization therapy by tissue synchronization imaging. Journal of the American College of Cardiology, 2005, 45, 677-684.	2.8	361
11	miR-29b as a Therapeutic Agent for Angiotensin II-induced Cardiac Fibrosis by Targeting TGF-Î²/Smad3 signaling. Molecular Therapy, 2014, 22, 974-985.	8.2	257
12	Benefits of Cardiac Resynchronization Therapy for Heart Failure Patients With Narrow QRS Complexes and Coexisting Systolic Asynchrony by Echocardiography. Journal of the American College of Cardiology, 2006, 48, 2251-2257.	2.8	249
13	Predictors of response to cardiac resynchronization therapy (PROSPECT)â€"study design. American Heart Journal, 2005, 149, 600-605.	2.7	192
14	Diastolic and Systolic Asynchrony in Patients With Diastolic Heart Failure. Journal of the American College of Cardiology, 2007, 49, 97-105.	2.8	172
15	Usefulness of Tissue Doppler Velocity and Strain Dyssynchrony for Predicting Left Ventricular Reverse Remodeling Response After Cardiac Resynchronization Therapy. American Journal of Cardiology, 2007, 100, 1263-1270.	1.6	160
16	Regional and ethnic differences among patients with heart failure in Asia: the Asian sudden cardiac death in heart failure registry. European Heart Journal, 2016, 37, 3141-3153.	2.2	144
17	A short course of cardiac rehabilitation program is highly cost effective in improving long-term quality of life in patients with recent myocardial infarction or percutaneous coronary intervention. Archives of Physical Medicine and Rehabilitation, 2004, 85, 1915-1922.	0.9	122
18	Biventricular pacing is superior to right ventricular pacing in bradycardia patients with preserved systolic function: 2-year results of the PACE trial. European Heart Journal, 2011, 32, 2533-2540.	2.2	111

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19	Longâ€term clinical outcomes after fatty liver screening in patients undergoing coronary angiogram: A prospective cohort study. Hepatology, 2016, 63, 754-763.	7.3	101
20	Ticagrelor versus clopidogrel in Asian patients with acute coronary syndrome: A retrospective analysis from the Platelet Inhibition and Patient Outcomes (PLATO) Trial. American Heart Journal, 2015, 169, 899-905.e1.	2.7	91
21	Impact of Cardiac Contractility Modulation on Left Ventricular Global and Regional Function and Remodeling. JACC: Cardiovascular Imaging, 2009, 2, 1341-1349.	5.3	81
22	Echocardiography, dyssynchrony, and the response to cardiac resynchronization therapy. European Heart Journal, 2010, 31, 2326-2337.	2.2	76
23	Assessment of Left and Right Ventricular Systolic and Diastolic Synchronicity in Normal Subjects by Tissue Doppler Echocardiography and the Effects of Age and Heart Rate. Echocardiography, 2003, 20, 19-27.	0.9	75
24	Current understanding of coronary artery calcification. Journal of Geriatric Cardiology, 2015, 12, 668-75.	0.2	73
25	Comparison of Efficacy of Reverse Remodeling and Clinical Improvement for Relatively Narrow and Wide QRS Complexes After Cardiac Resynchronization Therapy for Heart Failure. Journal of Cardiovascular Electrophysiology, 2004, 15, 1058-1065.	1.7	71
26	Cellular and molecular mechanisms of endothelial ischemia/reperfusion injury: perspectives and implications for postischemic myocardial protection. American Journal of Translational Research (discontinued), 2016, 8, 765-77.	0.0	69
27	Cardiac resynchronization therapy: state of the art 2013. European Heart Journal, 2013, 34, 1396-1403.	2.2	66
28	Tissue Doppler echocardiographic evidence of atrial mechanical dysfunction in coronary artery disease. International Journal of Cardiology, 2005, 105, 178-185.	1.7	65
29	Critical appraisal of methods to assess mechanical dyssynchrony. Current Opinion in Cardiology, 2009, 24, 18-28.	1.8	65
30	ER stress mediates homocysteine-induced endothelial dysfunction: Modulation of IKCa and SKCa channels. Atherosclerosis, 2015, 242, 191-198.	0.8	63
31	Effect of a cardiac rehabilitation program on left ventricular diastolic function and its relationship to exercise capacity in patients with coronary heart disease: Experience from a randomized, controlled study. American Heart Journal, 2004, 147, 874.	2.7	62
32	Comparison of intensive and low-dose atorvastatin therapy in the reduction of carotid intimal-medial thickness in patients with coronary heart disease. Heart, 2007, 93, 933-939.	2.9	62
33	Expression of Macrophage Migration Inhibitory Factor in Acute Ischemic Myocardial Injury. Journal of Histochemistry and Cytochemistry, 2003, 51, 625-631.	2.5	60
34	Comparison of acute changes in left ventricular volume, systolic and diastolic functions, and intraventricular synchronicity after biventricular and right ventricular pacing for heart failure. American Heart Journal, 2003, 145, 846.	2.7	59
35	Longâ€term followâ€up results of the Pacing to Avoid Cardiac Enlargement (<scp>PACE</scp>) trial. European Journal of Heart Failure, 2014, 16, 1016-1025.	7.1	54
36	Effect of Nurseâ€Implemented Transitional Care for Chinese Individuals with Chronic Heart Failure in Hong Kong: A Randomized Controlled Trial. Journal of the American Geriatrics Society, 2015, 63, 1583-1593.	2.6	50

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37	Beyond auscultation: Acoustic cardiography in clinical practice. International Journal of Cardiology, 2014, 172, 548-560.	1.7	48
38	Ticagrelor Effects on Myocardial Infarction and the Impact of Event Adjudication in the PLATO (Platelet Inhibition and Patient Outcomes) Trial. Journal of the American College of Cardiology, 2014, 63, 1493-1499.	2.8	47
39	Improvement of long-term survival by cardiac contractility modulation in heart failure patients: A caseâ€“control study. International Journal of Cardiology, 2016, 206, 122-126.	1.7	42
40	Three-dimensional speckle strain echocardiography is more accurate and efficient than 2D strain in the evaluation of left ventricular function. International Journal of Cardiology, 2014, 176, 360-366.	1.7	41
41	Cumulative inflammatory burden is independently associated with increased arterial stiffness in patients with psoriatic arthritis: a prospective study. Arthritis Research and Therapy, 2015, 17, 75.	3.5	40
42	Deleterious effect of right ventricular apical pacing on left ventricular diastolic function and the impact of pre-existing diastolic disease. European Heart Journal, 2011, 32, 1891-1899.	2.2	39
43	Micro-RNA and mRNA myocardial tissue expression in biopsy specimen from patients with heart failure. International Journal of Cardiology, 2015, 199, 79-83.	1.7	38
44	Impact of diabetes and sex in heart failure with reduced ejection fraction patients from the ASIANâ€HF registry. European Journal of Heart Failure, 2019, 21, 297-307.	7.1	36
45	Improvement of Serum NT-ProBNP Predicts Improvement in Cardiac Function and Favorable Prognosis After Cardiac Resynchronization Therapy for Heart Failure. Journal of Cardiac Failure, 2005, 11, S42-S46.	1.7	35
46	Factors associated with multimorbidity and its link with poor blood pressure control among 223,286 hypertensive patients. International Journal of Cardiology, 2014, 177, 202-208.	1.7	35
47	Mechanical antithrombotic intervention by LAA occlusion in atrial fibrillation. Nature Reviews Cardiology, 2013, 10, 707-722.	13.7	34
48	Incidence, definition, diagnosis, and management of the cardiac resynchronization therapy nonresponder. Current Opinion in Cardiology, 2015, 30, 40-49.	1.8	34
49	Predictors for permanent pacemaker implantation after core valve implantation in patients without preexisting ECG conduction disturbances: The role of a new echocardiographic index. International Journal of Cardiology, 2014, 172, 601-603.	1.7	33
50	IL-33 and soluble ST2 levels as novel predictors for remission and progression of carotid plaque in early rheumatoid arthritis: A prospective study. Seminars in Arthritis and Rheumatism, 2015, 45, 18-27.	3.4	32
51	Risk of aortic aneurysm and dissection in patients with autosomal-dominant polycystic kidney disease: a nationwide population-based cohort study. Oncotarget, 2017, 8, 57594-57604.	1.8	30
52	Prevalence and determinants of left ventricular systolic dyssynchrony in patients with normal ejection fraction received right ventricular apical pacing: a real-time three-dimensional echocardiographic study. European Journal of Echocardiography, 2010, 11, 109-118.	2.3	28
53	The healthcare burden of hypertension in Asia. Heart Asia, 2013, 5, 238-243.	1.1	27
54	Are Left Ventricular Diastolic Function and Diastolic Asynchrony Important Determinants of Response to Cardiac Resynchronization Therapy?. American Journal of Cardiology, 2006, 98, 1083-1087.	1.6	24

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55	What can three-dimensional speckle-tracking echocardiography contribute to evaluate global left ventricular systolic performance in patients with heart failure?. International Journal of Cardiology, 2014, 172, 132-137.	1.7	24
56	Absolute survival after cardiac resynchronization therapy according to baseline QRS duration: A multinational 10-year experience. American Heart Journal, 2014, 167, 203-209.e1.	2.7	22
57	Prevalence of atrial septal pouch and risk of ischemic stroke. International Journal of Cardiology, 2016, 214, 37-40.	1.7	22
58	Tetramethylpyrazine suppresses angiotensin II-induced soluble epoxide hydrolase expression in coronary endothelium via anti-ER stress mechanism. Toxicology and Applied Pharmacology, 2017, 336, 84-93.	2.8	22
59	The Prevalence and Prognosis of Resistant Hypertension in Patients with Heart Failure. PLoS ONE, 2014, 9, e114958.	2.5	21
60	Ultrafiltration for acute decompensated heart failure: A systematic review and meta-analysis of randomized controlled trials. International Journal of Cardiology, 2014, 172, 395-402.	1.7	17
61	Early diastolic dyssynchrony in relation to left ventricular remodeling and function in hypertension. International Journal of Cardiology, 2015, 179, 195-200.	1.7	16
62	Carotid plaque and bone density and microarchitecture in psoriatic arthritis: the correlation with soluble ST2. Scientific Reports, 2016, 6, 32116.	3.3	16
63	Dynamic assessment of the changing geometry of the mitral apparatus in 3D could stratify abnormalities in functional mitral regurgitation and potentially guide therapy. International Journal of Cardiology, 2014, 176, 878-884.	1.7	14
64	Carotid stenting and endarterectomy. International Journal of Cardiology, 2016, 214, 166-174.	1.7	14
65	Drug-eluting balloons for coronary artery disease: A meta-analysis of randomized controlled trials. International Journal of Cardiology, 2013, 168, 197-206.	1.7	13
66	Evaluation of Left Ventricular Function by Three-Dimensional Speckle-Tracking Echocardiography in Patients with Myocardial Bridging of the Left Anterior Descending Coronary Artery. Journal of the American Society of Echocardiography, 2015, 28, 674-682.	2.8	13
67	Normalization of renal aquaporin-2 water channel expression by fosinopril, valsartan, and combination therapy in congestive heart failure: a new mechanism of action. Journal of Molecular and Cellular Cardiology, 2004, 36, 445-453.	1.9	11
68	Direct medical cost of newly diagnosed stable coronary artery disease in Hong Kong. Heart Asia, 2013, 5, 1-6.	1.1	11
69	Activation of canonical transient receptor potential channels preserves Ca2+ entry and endothelium-derived hyperpolarizing factorâ€“mediated function inÂvitro in porcine coronary endothelial cells and coronary arteries under conditions of hyperkalemia. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 1665-1673.e1.	0.8	11
70	Uncontrolled blood pressure as an independent risk factor of early impaired left ventricular systolic function in treated hypertension. Echocardiography, 2016, 33, 1488-1494.	0.9	11
71	Can cardiac resynchronization therapy cause harm?. European Heart Journal, 2012, 33, 816-818.	2.2	10
72	Incremental prognostic value of multichamber deformation imaging and renal function status to predict adverse outcome in heart failure with reduced ejection fraction. Echocardiography, 2018, 35, 450-458.	0.9	10

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73	Impairment of Coronary Endothelial Function by Hypoxia-Reoxygenation Involves TRPC3 Inhibition-mediated KCa Channel Dysfunction: Implication in Ischemia-Reperfusion Injury. Scientific Reports, 2017, 7, 5895.	3.3	9
74	Sustained 3-Year Benefits in Quality of Life After Percutaneous Coronary Interventions in the Elderly: A Prospective Cohort Study. Value in Health, 2018, 21, 423-431.	0.3	9
75	New Insight Into Left Ventricular Reverse Remodeling After Biventricular Pacing Therapy for Heart Failure. Congestive Heart Failure, 2003, 9, 279-283.	2.0	8
76	Automated quantification of mitral valve anatomy using anatomical intelligence in three-dimensional echocardiography. International Journal of Cardiology, 2015, 199, 232-238.	1.7	8
77	Intramural Left Atrial Hematoma Complicating Catheter Ablation for Atrial Fibrillation. Journal of the American College of Cardiology, 2013, 62, 252.	2.8	7
78	Hypertrophic cardiomyopathy with apical aneurysm. International Journal of Cardiology, 2015, 184, 394-396.	1.7	7
79	A Rare Etiology of Severe Acute Heart Failure: Subacute Spinal Subdural Hematoma in a Young Woman. International Journal of Cardiology, 2015, 195, 61-63.	1.7	7
80	Should All Patients With Heart Block Receive Biventricular Pacing?. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 722-729.	4.8	7
81	Abnormal mitralâ€“aortic intervalvular coupling in mitral valve diseases: a study using real-time three-dimensional transesophageal echocardiography. Clinical Research in Cardiology, 2015, 104, 831-842.	3.3	7
82	Protection of Coronary Endothelial Function during Cardiac Surgery: Potential of Targeting Endothelial Ion Channels in Cardioprotection. BioMed Research International, 2014, 2014, 1-11.	1.9	6
83	Left Atrial Rhabdomyosarcoma. Circulation, 2014, 129, e503-5.	1.6	6
84	Left anterior descending coronary artery flow impaired by right ventricular apical pacing: The role of systolic dyssynchrony. International Journal of Cardiology, 2014, 176, 80-85.	1.7	6
85	Inverted left atrial appendage. International Journal of Cardiology, 2014, 170, e57-e58.	1.7	6
86	Supracardiac total anomalous pulmonary venous connection. International Journal of Cardiology, 2014, 174, 141-142.	1.7	6
87	Ischemic colitis as a complication of acute myocardial infarction. International Journal of Cardiology, 2015, 185, 50-51.	1.7	6
88	Deterioration of left ventricular systolic function in extended Pacing to Avoid Cardiac Enlargement (PACE) trial: the predictive value of early systolic dyssynchrony. Europace, 2015, 17, ii47-ii53.	1.7	5
89	Patients with ST-segment elevation of myocardial infarction miss out on early reperfusion: when to undergo delayed revascularization. Journal of Geriatric Cardiology, 2017, 14, 524-531.	0.2	5
90	A Rare Case With Pulmonary and Cardiac Inflammatory Myofibroblastic Tumor. Circulation, 2015, 131, e511-3.	1.6	4

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91	Anomalous origin of the left coronary artery from the pulmonary trunk. International Journal of Cardiology, 2015, 201, 165-167.	1.7	4
92	Update in the Management of Diastolic Heart Failure. Current Vascular Pharmacology, 2004, 2, 301-308.	1.7	4
93	Changes of echocardiographic parameters in primary mitral regurgitation and determinants of symptom: an assessment from the Asian Valve Registry data. Heart and Vessels, 2020, 35, 555-563.	1.2	3
94	Visualization of Regional Left Ventricular Mechanical Delay by Tissue Synchronization Imaging in Heart Failure Patients With Wide and Narrow QRS Complexes Undergoing Cardiac Resynchronization Therapy. Circulation, 2005, 112, e93-5.	1.6	2
95	A rare case with unroofed coronary sinus defect and aneurysmal mid-cardiac vein. International Journal of Cardiology, 2014, 177, e158-e160.	1.7	2
96	An Unusual Cardiac Fibroelastoma Case. Circulation, 2014, 130, 520-522.	1.6	2
97	In-stent restenosis in a polytetrafluoroethylene covered stent combined with drug eluting stents: potential pathogenesis revealed by optical coherence tomography. International Journal of Cardiology, 2015, 198, 42-44.	1.7	2
98	The patient's selection of PARACHUTEÂ® endoventricular partitioning device: The important role of detailed echocardiography. International Journal of Cardiology, 2015, 195, 176-179.	1.7	2
99	Dextrocardia and symmetric hypertrophic cardiomyopathy with multiple mutations of genes encoding the sarcomere proteins. International Journal of Cardiology, 2015, 187, 581-584.	1.7	2
100	Subepicardial Aneurysm That Was Diagnosed by Cardiac Imaging and Underwent Successful Surgery. Circulation, 2015, 132, e149-51.	1.6	2
101	Primary cardiac lymphoma: Two rare cases. International Journal of Cardiology, 2016, 203, 763-765.	1.7	2
102	Shall CRT-D Be Downgraded to CRT-P in Super-responders of Cardiac Resynchronization Therapy?. Revista Espanola De Cardiologia (English Ed), 2014, 67, 875-877.	0.6	1
103	Acute eosinophilic myocarditis. International Journal of Cardiology, 2014, 176, 1192-1194.	1.7	1
104	Detrimental effects of cardiac resynchronization therapy on the non-responders. International Journal of Cardiology, 2015, 197, 203-205.	1.7	1
105	Advantageous effect of biventricular pacing on cardiac function and coronary flow: A case report. International Journal of Cardiology, 2015, 190, 236-238.	1.7	1
106	Noncompaction cardiomyopathy with apical aneurysm. International Journal of Cardiology, 2015, 186, 48-49.	1.7	1
107	Bicuspid aortic valve complicated by pseudo-aneurysm of aortic root abscess. International Journal of Cardiology, 2016, 209, 275-277.	1.7	1
108	Discrepancy of Aortic Valve Area Measurements by Doppler vs. Biplane Stroke Volume Measurements and Utility of Combining the Different Areas in Aortic Valve Stenosisã€€â€• The Asian Valve Registry â€•. Circulation Journal, 2021, 85, 1050-1058.	1.6	1

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109	Passive Prescription of Secondary Prevention Medical Therapy during Index Hospitalization for Acute Myocardial Infarction Is Prevalent and Associated with Adverse Clinical Outcomes. Journal of Healthcare Engineering, 2021, 2021, 1-8.	1.9	1
110	Expanding the indications for cardiac resynchronisation therapy. Heart, 2014, 100, 447-449.	2.9	0
111	Chest distress in a young adult due to simultaneous occurrence of single left coronary artery anomaly and coronary-left ventricular fistula. International Journal of Cardiology, 2015, 195, 37-39.	1.7	0
112	Ascending aortic obstruction with hypoplastic innominate artery. International Journal of Cardiology, 2015, 199, 356-357.	1.7	0
113	Successful repair of mitral valve with acute infective endocarditis located in anterior mitral leaflet: The evidence of Three-dimensional echocardiography. International Journal of Cardiology, 2015, 190, 294-295.	1.7	0
114	Comparison between characteristics of severe and very severe aortic stenosis. Echocardiography, 2018, 35, 430-437.	0.9	0
115	TRPC Channels In Ca2+ Regulation And Endothelial Function During Cardioplegic Exposure. FASEB Journal, 2012, 26, 866.21.	0.5	0
116	Mechanistic Studies of AVE3085 Against Homocysteine in Endothelial Protection. FASEB Journal, 2013, 27, 900.1.	0.5	0
117	Vasorelaxant response of coronary arteries to capsaicin and effect of angiotensin II (1057.1). FASEB Journal, 2014, 28, .	0.5	0