

Cheuk-man Yu

List of Publications by Year in descending order

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117
papers

8,840
citations

81743

39
h-index

40881

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. <i>Circulation</i> , 2005, 112, 841-848.	1.6	639
2	Left Ventricular Reverse Remodeling but Not Clinical Improvement Predicts Long-Term Survival After Cardiac Resynchronization Therapy. <i>Circulation</i> , 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. <i>American Journal of Cardiology</i> , 2003, 91, 684-688.	0.7	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. <i>Circulation</i> , 2004, 110, 66-73.	1.6	577
5	Understanding Nonresponders of Cardiac Resynchronization Therapy-Current and Future Perspectives. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 1117-1124.	0.8	541
6	Tissue Doppler Imaging. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1903-1914.	1.2	508
7	HRS Expert Consensus Statement on remote interrogation and monitoring for cardiovascular implantable electronic devices. <i>Heart Rhythm</i> , 2015, 12, e69-e100.	0.3	449
8	Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2153-2167.	1.2	437
9	Biventricular Pacing in Patients with Bradycardia and Normal Ejection Fraction. <i>New England Journal of Medicine</i> , 2009, 361, 2123-2134.	13.9	392
10	A novel tool to assess systolic asynchrony and identify responders of cardiac resynchronization therapy by tissue synchronization imaging. <i>Journal of the American College of Cardiology</i> , 2005, 45, 677-684.	1.2	361
11	miR-29b as a Therapeutic Agent for Angiotensin II-induced Cardiac Fibrosis by Targeting TGF- β ² /Smad3 signaling. <i>Molecular Therapy</i> , 2014, 22, 974-985.	3.7	257
12	Benefits of Cardiac Resynchronization Therapy for Heart Failure Patients With Narrow QRS Complexes and Coexisting Systolic Asynchrony by Echocardiography. <i>Journal of the American College of Cardiology</i> , 2006, 48, 2251-2257.	1.2	249
13	Predictors of response to cardiac resynchronization therapy (PROSPECT)â€™ study design. <i>American Heart Journal</i> , 2005, 149, 600-605.	1.2	192
14	Diastolic and Systolic Asynchrony in Patients With Diastolic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2007, 49, 97-105.	1.2	172
15	Usefulness of Tissue Doppler Velocity and Strain Dyssynchrony for Predicting Left Ventricular Reverse Remodeling Response After Cardiac Resynchronization Therapy. <i>American Journal of Cardiology</i> , 2007, 100, 1263-1270.	0.7	160
16	Regional and ethnic differences among patients with heart failure in Asia: the Asian sudden cardiac death in heart failure registry. <i>European Heart Journal</i> , 2016, 37, 3141-3153.	1.0	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. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 1915-1922.	0.5	122
18	Biventricular pacing is superior to right ventricular pacing in bradycardia patients with preserved systolic function: 2-year results of the PACE trial. <i>European Heart Journal</i> , 2011, 32, 2533-2540.	1.0	111

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19	Long-term clinical outcomes after fatty liver screening in patients undergoing coronary angiogram: A prospective cohort study. <i>Hepatology</i> , 2016, 63, 754-763.	3.6	101
20	Ticagrelor versus clopidogrel in Asian patients with acute coronary syndrome: A retrospective analysis from the Platelet Inhibition and Patient Outcomes (PLATO) Trial. <i>American Heart Journal</i> , 2015, 169, 899-905.e1.	1.2	91
21	Impact of Cardiac Contractility Modulation on Left Ventricular Global and Regional Function and Remodeling. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 1341-1349.	2.3	81
22	Echocardiography, dyssynchrony, and the response to cardiac resynchronization therapy. <i>European Heart Journal</i> , 2010, 31, 2326-2337.	1.0	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. <i>Echocardiography</i> , 2003, 20, 19-27.	0.3	75
24	Current understanding of coronary artery calcification. <i>Journal of Geriatric Cardiology</i> , 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. <i>Journal of Cardiovascular Electrophysiology</i> , 2004, 15, 1058-1065.	0.8	71
26	Cellular and molecular mechanisms of endothelial ischemia/reperfusion injury: perspectives and implications for postischemic myocardial protection. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 765-77.	0.0	69
27	Cardiac resynchronization therapy: state of the art 2013. <i>European Heart Journal</i> , 2013, 34, 1396-1403.	1.0	66
28	Tissue Doppler echocardiographic evidence of atrial mechanical dysfunction in coronary artery disease. <i>International Journal of Cardiology</i> , 2005, 105, 178-185.	0.8	65
29	Critical appraisal of methods to assess mechanical dyssynchrony. <i>Current Opinion in Cardiology</i> , 2009, 24, 18-28.	0.8	65
30	ER stress mediates homocysteine-induced endothelial dysfunction: Modulation of IKCa and SKCa channels. <i>Atherosclerosis</i> , 2015, 242, 191-198.	0.4	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. <i>American Heart Journal</i> , 2004, 147, 874.	1.2	62
32	Comparison of intensive and low-dose atorvastatin therapy in the reduction of carotid intimal-medial thickness in patients with coronary heart disease. <i>Heart</i> , 2007, 93, 933-939.	1.2	62
33	Expression of Macrophage Migration Inhibitory Factor in Acute Ischemic Myocardial Injury. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 625-631.	1.3	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. <i>American Heart Journal</i> , 2003, 145, 846.	1.2	59
35	Long-term follow-up results of the Pacing to Avoid Cardiac Enlargement (PACE) trial. <i>European Journal of Heart Failure</i> , 2014, 16, 1016-1025.	2.9	54
36	Effect of Nurse-Implemented Transitional Care for Chinese Individuals with Chronic Heart Failure in Hong Kong: A Randomized Controlled Trial. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1583-1593.	1.3	50

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37	Beyond auscultation: Acoustic cardiography in clinical practice. <i>International Journal of Cardiology</i> , 2014, 172, 548-560.	0.8	48
38	Ticagrelor Effects on Myocardial Infarction and the Impact of Event Adjudication in the PLATO (Platelet Inhibition and Patient Outcomes) Trial. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1493-1499.	1.2	47
39	Improvement of long-term survival by cardiac contractility modulation in heart failure patients: A caseâ€“control study. <i>International Journal of Cardiology</i> , 2016, 206, 122-126.	0.8	42
40	Three-dimensional speckle strain echocardiography is more accurate and efficient than 2D strain in the evaluation of left ventricular function. <i>International Journal of Cardiology</i> , 2014, 176, 360-366.	0.8	41
41	Cumulative inflammatory burden is independently associated with increased arterial stiffness in patients with psoriatic arthritis: a prospective study. <i>Arthritis Research and Therapy</i> , 2015, 17, 75.	1.6	40
42	Deleterious effect of right ventricular apical pacing on left ventricular diastolic function and the impact of pre-existing diastolic disease. <i>European Heart Journal</i> , 2011, 32, 1891-1899.	1.0	39
43	Micro-RNA and mRNA myocardial tissue expression in biopsy specimen from patients with heart failure. <i>International Journal of Cardiology</i> , 2015, 199, 79-83.	0.8	38
44	Impact of diabetes and sex in heart failure with reduced ejection fraction patients from the ASIANâ€“CHF registry. <i>European Journal of Heart Failure</i> , 2019, 21, 297-307.	2.9	36
45	Improvement of Serum NT-ProBNP Predicts Improvement in Cardiac Function and Favorable Prognosis After Cardiac Resynchronization Therapy for Heart Failure. <i>Journal of Cardiac Failure</i> , 2005, 11, S42-S46.	0.7	35
46	Factors associated with multimorbidity and its link with poor blood pressure control among 223,286 hypertensive patients. <i>International Journal of Cardiology</i> , 2014, 177, 202-208.	0.8	35
47	Mechanical antithrombotic intervention by LAA occlusion in atrial fibrillation. <i>Nature Reviews Cardiology</i> , 2013, 10, 707-722.	6.1	34
48	Incidence, definition, diagnosis, and management of the cardiac resynchronization therapy nonresponder. <i>Current Opinion in Cardiology</i> , 2015, 30, 40-49.	0.8	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. <i>International Journal of Cardiology</i> , 2014, 172, 601-603.	0.8	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. <i>Seminars in Arthritis and Rheumatism</i> , 2015, 45, 18-27.	1.6	32
51	Risk of aortic aneurysm and dissection in patients with autosomal-dominant polycystic kidney disease: a nationwide population-based cohort study. <i>Oncotarget</i> , 2017, 8, 57594-57604.	0.8	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. <i>European Journal of Echocardiography</i> , 2010, 11, 109-118.	2.3	28
53	The healthcare burden of hypertension in Asia. <i>Heart Asia</i> , 2013, 5, 238-243.	1.1	27
54	Are Left Ventricular Diastolic Function and Diastolic Asynchrony Important Determinants of Response to Cardiac Resynchronization Therapy?. <i>American Journal of Cardiology</i> , 2006, 98, 1083-1087.	0.7	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?. <i>International Journal of Cardiology</i> , 2014, 172, 132-137.	0.8	24
56	Absolute survival after cardiac resynchronization therapy according to baseline QRS duration: A multinational 10-year experience. <i>American Heart Journal</i> , 2014, 167, 203-209.e1.	1.2	22
57	Prevalence of atrial septal pouch and risk of ischemic stroke. <i>International Journal of Cardiology</i> , 2016, 214, 37-40.	0.8	22
58	Tetramethylpyrazine suppresses angiotensin II-induced soluble epoxide hydrolase expression in coronary endothelium via anti-ER stress mechanism. <i>Toxicology and Applied Pharmacology</i> , 2017, 336, 84-93.	1.3	22
59	The Prevalence and Prognosis of Resistant Hypertension in Patients with Heart Failure. <i>PLoS ONE</i> , 2014, 9, e114958.	1.1	21
60	Ultrafiltration for acute decompensated heart failure: A systematic review and meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2014, 172, 395-402.	0.8	17
61	Early diastolic dyssynchrony in relation to left ventricular remodeling and function in hypertension. <i>International Journal of Cardiology</i> , 2015, 179, 195-200.	0.8	16
62	Carotid plaque and bone density and microarchitecture in psoriatic arthritis: the correlation with soluble ST2. <i>Scientific Reports</i> , 2016, 6, 32116.	1.6	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. <i>International Journal of Cardiology</i> , 2014, 176, 878-884.	0.8	14
64	Carotid stenting and endarterectomy. <i>International Journal of Cardiology</i> , 2016, 214, 166-174.	0.8	14
65	Drug-eluting balloons for coronary artery disease: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2013, 168, 197-206.	0.8	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. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 674-682.	1.2	13
67	Normalization of renal aquaporin-2 water channel expression by fasinopril, valsartan, and combination therapy in congestive heart failure: a new mechanism of action. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 36, 445-453.	0.9	11
68	Direct medical cost of newly diagnosed stable coronary artery disease in Hong Kong. <i>Heart Asia</i> , 2013, 5, 1-6.	1.1	11
69	Activation of canonical transient receptor potential channels preserves Ca ²⁺ entry and endothelium-derived hyperpolarizing factor-mediated function <i>in vitro</i> in porcine coronary endothelial cells and coronary arteries under conditions of hyperkalemia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1665-1673.e1.	0.4	11
70	Uncontrolled blood pressure as an independent risk factor of early impaired left ventricular systolic function in treated hypertension. <i>Echocardiography</i> , 2016, 33, 1488-1494.	0.3	11
71	Can cardiac resynchronization therapy cause harm?. <i>European Heart Journal</i> , 2012, 33, 816-818.	1.0	10
72	Incremental prognostic value of multichamber deformation imaging and renal function status to predict adverse outcome in heart failure with reduced ejection fraction. <i>Echocardiography</i> , 2018, 35, 450-458.	0.3	10

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73	Impairment of Coronary Endothelial Function by Hypoxia-Reoxygenation Involves TRPC3 Inhibition-mediated K _{Ca} Channel Dysfunction: Implication in Ischemia-Reperfusion Injury. <i>Scientific Reports</i> , 2017, 7, 5895.	1.6	9
74	Sustained 3-Year Benefits in Quality of Life After Percutaneous Coronary Interventions in the Elderly: A Prospective Cohort Study. <i>Value in Health</i> , 2018, 21, 423-431.	0.1	9
75	New Insight Into Left Ventricular Reverse Remodeling After Biventricular Pacing Therapy for Heart Failure. <i>Congestive Heart Failure</i> , 2003, 9, 279-283.	2.0	8
76	Automated quantification of mitral valve anatomy using anatomical intelligence in three-dimensional echocardiography. <i>International Journal of Cardiology</i> , 2015, 199, 232-238.	0.8	8
77	Intramural Left Atrial Hematoma Complicating Catheter Ablation for Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 252.	1.2	7
78	Hypertrophic cardiomyopathy with apical aneurysm. <i>International Journal of Cardiology</i> , 2015, 184, 394-396.	0.8	7
79	A Rare Etiology of Severe Acute Heart Failure: Subacute Spinal Subdural Hematoma in a Young Woman. <i>International Journal of Cardiology</i> , 2015, 195, 61-63.	0.8	7
80	Should All Patients With Heart Block Receive Biventricular Pacing?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 722-729.	2.1	7
81	Abnormal mitral-aortic intervalvular coupling in mitral valve diseases: a study using real-time three-dimensional transesophageal echocardiography. <i>Clinical Research in Cardiology</i> , 2015, 104, 831-842.	1.5	7
82	Protection of Coronary Endothelial Function during Cardiac Surgery: Potential of Targeting Endothelial Ion Channels in Cardioprotection. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	6
83	Left Atrial Rhabdomyosarcoma. <i>Circulation</i> , 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. <i>International Journal of Cardiology</i> , 2014, 176, 80-85.	0.8	6
85	Inverted left atrial appendage. <i>International Journal of Cardiology</i> , 2014, 170, e57-e58.	0.8	6
86	Supracardiac total anomalous pulmonary venous connection. <i>International Journal of Cardiology</i> , 2014, 174, 141-142.	0.8	6
87	Ischemic colitis as a complication of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2015, 185, 50-51.	0.8	6
88	Deterioration of left ventricular systolic function in extended Pacing to Avoid Cardiac Enlargement (PACE) trial: the predictive value of early systolic dyssynchrony. <i>Europace</i> , 2015, 17, ii47-ii53.	0.7	5
89	Patients with ST-segment elevation of myocardial infarction miss out on early reperfusion: when to undergo delayed revascularization. <i>Journal of Geriatric Cardiology</i> , 2017, 14, 524-531.	0.2	5
90	A Rare Case With Pulmonary and Cardiac Inflammatory Myofibroblastic Tumor. <i>Circulation</i> , 2015, 131, e511-3.	1.6	4

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91	Anomalous origin of the left coronary artery from the pulmonary trunk. <i>International Journal of Cardiology</i> , 2015, 201, 165-167.	0.8	4
92	Update in the Management of Diastolic Heart Failure. <i>Current Vascular Pharmacology</i> , 2004, 2, 301-308.	0.8	4
93	Changes of echocardiographic parameters in primary mitral regurgitation and determinants of symptom: an assessment from the Asian Valve Registry data. <i>Heart and Vessels</i> , 2020, 35, 555-563.	0.5	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. <i>Circulation</i> , 2005, 112, e93-5.	1.6	2
95	A rare case with unroofed coronary sinus defect and aneurysmal mid-cardiac vein. <i>International Journal of Cardiology</i> , 2014, 177, e158-e160.	0.8	2
96	An Unusual Cardiac Fibroelastoma Case. <i>Circulation</i> , 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. <i>International Journal of Cardiology</i> , 2015, 198, 42-44.	0.8	2
98	The patient's selection of PARACHUTE® endoventricular partitioning device: The important role of detailed echocardiography. <i>International Journal of Cardiology</i> , 2015, 195, 176-179.	0.8	2
99	Dextrocardia and symmetric hypertrophic cardiomyopathy with multiple mutations of genes encoding the sarcomere proteins. <i>International Journal of Cardiology</i> , 2015, 187, 581-584.	0.8	2
100	Subepicardial Aneurysm That Was Diagnosed by Cardiac Imaging and Underwent Successful Surgery. <i>Circulation</i> , 2015, 132, e149-51.	1.6	2
101	Primary cardiac lymphoma: Two rare cases. <i>International Journal of Cardiology</i> , 2016, 203, 763-765.	0.8	2
102	Shall CRT-D Be Downgraded to CRT-P in Super-responders of Cardiac Resynchronization Therapy?. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 875-877.	0.4	1
103	Acute eosinophilic myocarditis. <i>International Journal of Cardiology</i> , 2014, 176, 1192-1194.	0.8	1
104	Detrimental effects of cardiac resynchronization therapy on the non-responders. <i>International Journal of Cardiology</i> , 2015, 197, 203-205.	0.8	1
105	Advantageous effect of biventricular pacing on cardiac function and coronary flow: A case report. <i>International Journal of Cardiology</i> , 2015, 190, 236-238.	0.8	1
106	Noncompaction cardiomyopathy with apical aneurysm. <i>International Journal of Cardiology</i> , 2015, 186, 48-49.	0.8	1
107	Bicuspid aortic valve complicated by pseudo-aneurysm of aortic root abscess. <i>International Journal of Cardiology</i> , 2016, 209, 275-277.	0.8	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 Stenosis. <i>The Asian Valve Registry</i> . <i>Circulation Journal</i> , 2021, 85, 1050-1058.	0.7	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. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-8.	1.1	1
110	Expanding the indications for cardiac resynchronisation therapy. <i>Heart</i> , 2014, 100, 447-449.	1.2	0
111	Chest distress in a young adult due to simultaneous occurrence of single left coronary artery anomaly and coronary-left ventricular fistula. <i>International Journal of Cardiology</i> , 2015, 195, 37-39.	0.8	0
112	Ascending aortic obstruction with hypoplastic innominate artery. <i>International Journal of Cardiology</i> , 2015, 199, 356-357.	0.8	0
113	Successful repair of mitral valve with acute infective endocarditis located in anterior mitral leaflet: The evidence of Three-dimensional echocardiography. <i>International Journal of Cardiology</i> , 2015, 190, 294-295.	0.8	0
114	Comparison between characteristics of severe and very severe aortic stenosis. <i>Echocardiography</i> , 2018, 35, 430-437.	0.3	0
115	TRPC Channels In Ca ²⁺ Regulation And Endothelial Function During Cardioplegic Exposure. <i>FASEB Journal</i> , 2012, 26, 866.21.	0.2	0
116	Mechanistic Studies of AVE3085 Against Homocysteine in Endothelial Protection. <i>FASEB Journal</i> , 2013, 27, 900.1.	0.2	0
117	Vasorelaxant response of coronary arteries to capsaicin and effect of angiotensin II (1057.1). <i>FASEB Journal</i> , 2014, 28, .	0.2	0