

# Yi-Hsin Chan

## List of Publications by Year in descending order

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106  
papers

2,172  
citations

279798

23  
h-index

276875

41  
g-index

108  
all docs

108  
docs citations

108  
times ranked

2719  
citing authors

#	ARTICLE	IF	CITATIONS
1	2021 Focused Update Consensus Guidelines of the Asia Pacific Heart Rhythm Society on Stroke Prevention in Atrial Fibrillation: Executive Summary. <i>Thrombosis and Haemostasis</i> , 2022, 122, 020-047.	3.4	192
2	Thromboembolic, Bleeding, and Mortality Risks of Rivaroxaban and Dabigatran in Asians With Nonvalvular Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1389-1401.	2.8	148
3	Efficacy and Safety of Apixaban, Dabigatran, Rivaroxaban, and Warfarin in Asians With Nonvalvular Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	113
4	Effectiveness and Safety of Four Direct Oral Anticoagulants in Asian Patients With Nonvalvular Atrial Fibrillation. <i>Chest</i> , 2019, 156, 529-543.	0.8	94
5	Using synchrosqueezing transform to discover breathing dynamics from ECG signals. <i>Applied and Computational Harmonic Analysis</i> , 2014, 36, 354-359.	2.2	83
6	Cardiovascular, Bleeding, and Mortality Risks of Dabigatran in Asians With Nonvalvular Atrial Fibrillation. <i>Stroke</i> , 2016, 47, 441-449.	2.0	81
7	Atrial fibrillation and its arrhythmogenesis associated with insulin resistance. <i>Cardiovascular Diabetology</i> , 2019, 18, 125.	6.8	73
8	Acute Kidney Injury in Asians With Atrial Fibrillation Treated With Dabigatran or Warfarin. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2272-2283.	2.8	64
9	Off-label dosing of non-vitamin K antagonist oral anticoagulants and clinical outcomes in Asian patients with atrial fibrillation. <i>Heart Rhythm</i> , 2020, 17, 2102-2110.	0.7	62
10	Effectiveness and Safety of Non-vitamin K Antagonist Oral Anticoagulant and Warfarin in Cirrhotic Patients With Nonvalvular Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2019, 8, e011112.	3.7	54
11	Effects of renal sympathetic denervation on the stellate ganglion and brain stem in dogs. <i>Heart Rhythm</i> , 2017, 14, 255-262.	0.7	48
12	Intermittent left cervical vagal nerve stimulation damages the stellate ganglia and reduces the ventricular rate during sustained atrial fibrillation in ambulatory dogs. <i>Heart Rhythm</i> , 2016, 13, 771-780.	0.7	46
13	Dipeptidyl peptidase-4 inhibitor decreases the risk of atrial fibrillation in patients with type 2 diabetes: a nationwide cohort study in Taiwan. <i>Cardiovascular Diabetology</i> , 2017, 16, 159.	6.8	44
14	Incremental prognostic value of global myocardial work over ejection fraction and global longitudinal strain in patients with heart failure and reduced ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 348-356.	1.2	42
15	The risk of new-onset atrial fibrillation in patients with type 2 diabetes mellitus treated with sodium glucose cotransporter 2 inhibitors versus dipeptidyl peptidase-4 inhibitors. <i>Cardiovascular Diabetology</i> , 2020, 19, 188.	6.8	39
16	2021 Focused update of the 2017 consensus guidelines of the Asia Pacific Heart Rhythm Society (APHRS) on stroke prevention in atrial fibrillation. <i>Journal of Arrhythmia</i> , 2021, 37, 1389-1426.	1.2	38
17	Small-Conductance Calcium-Activated Potassium Current Is Activated During Hypokalemia and Masks Short-Term Cardiac Memory Induced by Ventricular Pacing. <i>Circulation</i> , 2015, 132, 1377-1386.	1.6	34
18	The risk of acute kidney injury in Asians treated with apixaban, rivaroxaban, dabigatran, or warfarin for non-valvular atrial fibrillation: A nationwide cohort study in Taiwan. <i>International Journal of Cardiology</i> , 2018, 265, 83-89.	1.7	34

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19	Prognostic value of global left ventricular strain for conservatively treated patients with symptomatic aortic stenosis. <i>Journal of Cardiology</i> , 2013, 62, 301-306.	1.9	31
20	The effectiveness and safety of low-dose rivaroxaban in Asians with non-valvular atrial fibrillation. <i>International Journal of Cardiology</i> , 2018, 261, 78-83.	1.7	31
21	Ratio of transmitral early filling velocity to early diastolic strain rate predicts outcomes in patients with systolic heart failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 79-85.	1.2	26
22	Effectiveness, safety, and major adverse limb events in atrial fibrillation patients with concomitant diabetes mellitus treated with non-vitamin K antagonist oral anticoagulants. <i>Cardiovascular Diabetology</i> , 2020, 19, 63.	6.8	26
23	Effects of Fluoroquinolones on Outcomes of Patients With Aortic Dissection or Aneurysm. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1875-1887.	2.8	26
24	Prognostic significance of dilated inferior vena cava in advanced decompensated heart failure. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1289-1295.	1.5	25
25	Enhanced detection of cardiac arrhythmias utilizing 14-day continuous ECG patch monitoring. <i>International Journal of Cardiology</i> , 2021, 332, 78-84.	1.7	25
26	Real-world Comparisons of Direct Oral Anticoagulants for Stroke Prevention in Asian Patients with Non-valvular Atrial Fibrillation: a Systematic Review and Meta-analysis. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 701-710.	2.6	24
27	Subcutaneous nerve activity is more accurate than heart rate variability in estimating cardiac sympathetic tone in ambulatory dogs with myocardial infarction. <i>Heart Rhythm</i> , 2015, 12, 1619-1627.	0.7	23
28	Association of Long-term Use of Antihypertensive Medications With Late Outcomes Among Patients With Aortic Dissection. <i>JAMA Network Open</i> , 2021, 4, e210469.	5.9	21
29	Major adverse cardiovascular and limb events in patients with diabetes and concomitant peripheral artery disease treated with sodium glucose cotransporter 2 inhibitor versus dipeptidyl peptidase-4 inhibitor. <i>Cardiovascular Diabetology</i> , 2020, 19, 160.	6.8	20
30	Effectiveness and Safety of Direct Oral Anticoagulants in an Asian Population with Atrial Fibrillation Undergoing Dialysis: A Population-Based Cohort Study and Meta-Analysis. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 975-986.	2.6	20
31	Clinical Outcomes in Atrial Fibrillation Patients With a History of Cancer Treated With Non-Vitamin K Antagonist Oral Anticoagulants. <i>Stroke</i> , 2021, 52, 3132-3141.	2.0	20
32	Comparisons of Rivaroxaban Following Different Dosage Criteria (ROCKET AF or ROCKET AF Trials) in Asian Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2019, 8, e013053.	3.7	19
33	Short-term heart rate variability as a predictor of long-term survival in patients with chronic hemodialysis: A prospective cohort study. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 1058-1064.	1.7	18
34	Tachycardia-induced CD44/NOX4 signaling is involved in the development of atrial remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 135, 67-78.	1.9	18
35	Non-vitamin K antagonist oral anticoagulants and warfarin in atrial fibrillation patients with concomitant peripheral artery disease. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, 50-58.	3.0	18
36	Continuation or discontinuation of oral anticoagulants after HAS-BLED scores increase in patients with atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2022, 111, 23-33.	3.3	17

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37	Oral anticoagulants in extremely-high-risk, very elderly (>90 years) patients with atrial fibrillation. <i>Heart Rhythm</i> , 2021, 18, 871-877.	0.7	17
38	Young Male Patients with Atrial Fibrillation and CHA2DS2-VASc Score of 1 May Not Need Anticoagulants: A Nationwide Population-Based Study. <i>PLoS ONE</i> , 2016, 11, e0151485.	2.5	17
39	Incremental Value of Inefficient Deformation Indices for Predicting Response to Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 307-315.	2.8	16
40	Acute reversal of phospholamban inhibition facilitates the rhythmic whole-cell propagating calcium waves in isolated ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 126-135.	1.9	16
41	Glycemic status and risks of thromboembolism and major bleeding in patients with atrial fibrillation. <i>Cardiovascular Diabetology</i> , 2020, 19, 30.	6.8	16
42	The risk of incident atrial fibrillation in patients with type 2 diabetes treated with sodium glucose cotransporter-2 inhibitors, glucagon-like peptide-1 receptor agonists, and dipeptidyl peptidase-4 inhibitors: a nationwide cohort study. <i>Cardiovascular Diabetology</i> , 2022, 21, .	6.8	16
43	Small conductance calcium-activated potassium current and the mechanism of atrial arrhythmia in mice with dysfunctional melanocyte-like cells. <i>Heart Rhythm</i> , 2016, 13, 1527-1535.	0.7	15
44	The CHA2DS2-VASc Score Predicts Major Bleeding in Non-Valvular Atrial Fibrillation Patients Who Take Oral Anticoagulants. <i>Journal of Clinical Medicine</i> , 2018, 7, 338.	2.4	14
45	Combined Global Longitudinal Strain and Intraventricular Mechanical Dyssynchrony Predicts Long-Term Outcome in Patients With Systolic Heart Failure. <i>Circulation Journal</i> , 2016, 80, 177-185.	1.6	13
46	A comparison between angiotensin converting enzyme inhibitors and angiotensin receptor blockers on end stage renal disease and major adverse cardiovascular events in diabetic patients: a population-based dynamic cohort study in Taiwan. <i>Cardiovascular Diabetology</i> , 2016, 15, 56.	6.8	13
47	Delayed diagnosis of atrial fibrillation after first-ever stroke increases recurrent stroke risk: a 5-year nationwide follow-up study. <i>Internal Medicine Journal</i> , 2018, 48, 661-667.	0.8	13
48	Levosimendan use in patients with acute heart failure and reduced ejection fraction with or without severe renal dysfunction in critical cardiac care units: a multi-institution database study. <i>Annals of Intensive Care</i> , 2021, 11, 27.	4.6	12
49	Should oral anticoagulants still be prescribed to patients with atrial fibrillation with a single stroke risk factor but at high bleeding risk? A nationwide cohort study. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2022, 8, 588-595.	4.0	12
50	Risks and outcomes of gastrointestinal malignancies in anticoagulated atrial fibrillation patients experiencing gastrointestinal bleeding: A nationwide cohort study. <i>Heart Rhythm</i> , 2020, 17, 1745-1751.	0.7	11
51	Impact of the initial decline in estimated glomerular filtration rate on the risk of new-onset atrial fibrillation and adverse cardiovascular and renal events in patients with type 2 diabetes treated with sodium-glucose co-transporter-2 inhibitors. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 2077-2089.	4.4	11
52	Analysis of Anticoagulation Therapy and Anticoagulation-Related Outcomes Among Asian Patients After Mechanical Valve Replacement. <i>JAMA Network Open</i> , 2022, 5, e2146026.	5.9	11
53	Impacts of Different Renal Function Estimation Formulas on Dosing of DOACs and Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1808-1810.	2.8	10
54	Bioprosthetic versus mechanical mitral valve replacements in patients with rheumatic heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 1050-1060.e8.	0.8	10

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55	Dialysis Patients with Implanted Drug-Eluting Stents Have Lower Major Cardiac Events and Mortality than Those with Implanted Bare-Metal Stents: A Taiwanese Nationwide Cohort Study. PLoS ONE, 2016, 11, e0146343.	2.5	10
56	New-Onset Atrial Fibrillation in Patients With Type 2 Diabetes Treated With Novel Glucose-Lowering Therapies. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 2493-2499.	3.6	10
57	Stroke prevention with direct oral anticoagulants in high-risk elderly atrial fibrillation patients at increased bleeding risk. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 730-738.	4.0	9
58	Incidence and Transition of Acute Kidney Injury, Acute Kidney Disease to Chronic Kidney Disease after Acute Type A Aortic Dissection Surgery. Journal of Clinical Medicine, 2021, 10, 4769.	2.4	9
59	Properties of a diffused photon-pair density wave in a multiple-scattering medium. Applied Optics, 2005, 44, 1416.	2.1	8
60	Left bundle-branch block contraction patterns identified from radial-strain analysis predicts outcomes following cardiac resynchronization therapy. International Journal of Cardiovascular Imaging, 2017, 33, 869-877.	1.5	8
61	Role of Apamin-Sensitive Calcium-Activated Small-Conductance Potassium Currents on the Mechanisms of Ventricular Fibrillation in Pacing-Induced Failing Rabbit Hearts. Circulation: Arrhythmia and Electrophysiology, 2017, 10, e004434.	4.8	8
62	The impact of weight loss related to risk of new-onset atrial fibrillation in patients with type 2 diabetes mellitus treated with sodium-glucose cotransporter 2 inhibitor. Cardiovascular Diabetology, 2021, 20, 93.	6.8	8
63	Bleeding risk with dabigatran, rivaroxaban, warfarin, and antiplatelet agent in Asians with non-valvular atrial fibrillation. Oncotarget, 2017, 8, 98898-98917.	1.8	8
64	Sex-related differences on the risks of in-hospital and late outcomes after acute aortic dissection: A nationwide population-based cohort study. PLoS ONE, 2022, 17, e0263717.	2.5	8
65	Incremental value of radial discoordination index for the prediction of response to cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2013, 14, 213-222.	1.2	7
66	Direct Oral Anticoagulants in Atrial Fibrillation Patients With Concomitant Hyperthyroidism. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2893-2904.	3.6	7
67	Different Renal Function Equations and Dosing of Direct Oral Anticoagulants in Atrial Fibrillation. JACC Asia, 2022, 2, 46-58.	1.5	7
68	MMP9 Rs3918242 Polymorphism Affects Tachycardia-Induced MMP9 Expression in Cultured Atrial-Derived Myocytes but Is Not a Risk Factor for Atrial Fibrillation among the Taiwanese. International Journal of Molecular Sciences, 2016, 17, 521.	4.1	6
69	Role of apamin-sensitive small conductance calcium-activated potassium currents in long-term cardiac memory in rabbits. Heart Rhythm, 2018, 15, 761-769.	0.7	6
70	Sodium glucose cotransporter-2 inhibitor was associated with an improvement in left ventricular systolic function in patients with type 2 diabetes mellitus with impaired left ventricular systolic function. ESC Heart Failure, 2020, 7, 2784-2796.	3.1	6
71	Effect of Permanent Pacemaker Implantation After Valve Surgery on Long-Term Outcomes. Circulation Journal, 2021, 85, 1027-1034.	1.6	6
72	Clinical Assessment and Implication of Left Ventricular Mechanical Dyssynchrony in Patients with Heart Failure. Acta Cardiologica Sinica, 2013, 29, 505-14.	0.2	6

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73	Sex differences in risks of in-hospital and late outcomes after cardiac surgery: a nationwide population-based cohort study. <i>BMJ Open</i> , 2022, 12, e058538.	1.9	6
74	Hyperacute rejection from a donor who died of carbamate intoxication—a case report. <i>American Journal of Emergency Medicine</i> , 2012, 30, 1661.e1-1661.e4.	1.6	5
75	The comparison of non-vitamin K antagonist oral anticoagulants versus well-managed warfarin with a lower INR target of 1.5 to 2.5 in Asians patients with non-valvular atrial fibrillation. <i>PLoS ONE</i> , 2019, 14, e0213517.	2.5	5
76	High Nighttime Heart Rate is Associated with Increased Risk of All-Cause Mortality in Patients with Heart Failure and Reduced Ejection Fraction. <i>International Heart Journal</i> , 2020, 61, 289-294.	1.0	5
77	Stroke and Bleeding Risk Assessment in Atrial Fibrillation: Where Are We Now?. <i>Korean Circulation Journal</i> , 2021, 51, 668.	1.9	5
78	Optimal Management of Anticoagulation Therapy in Asian Patients With Atrial Fibrillation. <i>Circulation Journal</i> , 2021, 85, 1245-1253.	1.6	5
79	Optimal anticoagulation in elderly patients with atrial fibrillation: Which drug at which dose?. <i>Kardiologia Polska</i> , 2022, 80, 128-136.	0.6	5
80	Oral Anticoagulant Use for Patients with Atrial Fibrillation with Concomitant Anemia and/or Thrombocytopenia. <i>American Journal of Medicine</i> , 2022, 135, e248-e256.	1.5	5
81	End-stage renal disease patients using angiotensin-converting enzyme inhibitors and angiotensin receptor blockers may reduce the risk of mortality: a Taiwanese Nationwide cohort study. <i>Internal Medicine Journal</i> , 2018, 48, 1123-1132.	0.8	4
82	A Novel DES L115F Mutation Identified by Whole Exome Sequencing is Associated with Inherited Cardiac Conduction Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6227.	4.1	4
83	Tachypacing-induced CREB/CD44 signaling contributes to the suppression of L-type calcium channel expression and the development of atrial remodeling. <i>Heart Rhythm</i> , 2021, 18, 1760-1771.	0.7	4
84	Outcomes after ticagrelor versus clopidogrel treatment in end-stage renal disease patients with acute myocardial infarction: a nationwide cohort study. <i>Scientific Reports</i> , 2021, 11, 20826.	3.3	4
85	Measurement of diffuse photon-pairs density wave in a multiple-scattering medium. <i>Applied Optics</i> , 2008, 47, 2708.	2.1	3
86	Association evidence of CCTTT repeat polymorphism in the iNOS promoter and the risk of atrial fibrillation in Taiwanese. <i>Scientific Reports</i> , 2017, 7, 42388.	3.3	3
87	Oral Anticoagulants and Antiplatelet Agents in Patients With Atrial Fibrillation and Concomitant Critical Limb Ischemia: A Nationwide Cohort Study. <i>Canadian Journal of Cardiology</i> , 2021, 37, 113-121.	1.7	3
88	Resuscitation outcomes of a wireless ECG telemonitoring system for cardiovascular ward patients experiencing in-hospital cardiac arrest. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 551-558.	1.7	3
89	Proinflammatory Cytokine Modulates Intracellular Calcium Handling and Enhances Ventricular Arrhythmia Susceptibility. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 623510.	2.4	3
90	Level of serum soluble lumican and risks of perioperative complications in patients receiving aortic surgery. <i>PLoS ONE</i> , 2021, 16, e0247340.	2.5	3

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91	Expression and role of lumican in acute aortic dissection: A human and mouse study. PLoS ONE, 2021, 16, e0255238.	2.5	3
92	Possible Targets of Therapy for Catecholaminergic Polymorphic Ventricular Tachycardia - Insight From a Theoretical Model -. Circulation Journal, 2011, 75, 1833-1842.	1.6	2
93	All-cause mortality and the risk of stroke with selective aspiration thrombectomy in patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention. Medicine (United States), 2020, 99, e19590.	1.0	2
94	The risk of consequent nephropathy following initial weight loss in diabetic patients treated with sodium glucose cotransporter 2 inhibitors. Cardiovascular Diabetology, 2021, 20, 167.	6.8	2
95	Association Between Volume and Outcomes of Infective Endocarditis Surgery: A Nationwide Cohort Study. Annals of Thoracic Surgery, 2022, 114, 1695-1704.	1.3	2
96	Impact of chronic kidney disease on long-term outcomes for coronary in-stent restenosis after drug-coated balloon angioplasty. Journal of Cardiology, 2021, 78, 564-570.	1.9	2
97	Association of acute increases in serum creatinine with subsequent outcomes in patients with type 2 diabetes mellitus treated with sodium-glucose cotransporter 2 inhibitor or dipeptidyl peptidase-4 inhibitor. European Heart Journal Quality of Care & Clinical Outcomes, 0, , .	4.0	2
98	The measurement of optical properties of a multiple scattering medium based on diffused photon pair density wave. , 2003, , .		1
99	Reply. Journal of the American College of Cardiology, 2017, 69, 2471-2472.	2.8	1
100	Reply. Journal of the American College of Cardiology, 2021, 78, 639-641.	2.8	1
101	Incidence and Transition of Acute Kidney Injury, Acute Kidney Disease to Chronic Kidney Disease after Acute Type A Aortic Dissection Surgery. Journal of Clinical Medicine, 2021, 10, .	2.4	1
102	Risk of Ischemic Bowel Disease in Patients With Atrial Fibrillation Receiving Warfarin or Non-vitamin K Antagonist Oral Anticoagulants. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	1
103	Scattering of diffused photon pair density wave by a spherical or by a cylindrical inhomogeneity in a multiple scattering medium. , 2005, , .		0
104	Hyperacute rejection from a donor died from carbamate intoxication. American Journal of Emergency Medicine, 2012, 30, 1009-1010.	1.6	0
105	Cover Image, Volume 23, Issue 9. Diabetes, Obesity and Metabolism, 2021, 23, .	4.4	0
106	TGF- $\beta$ 1 Mediates Pacing-Induced Cellular Remodeling in Cultured Atrial-Derived Myocytes. Journal of Arrhythmia, 2011, 27, SY11_5.	1.2	0