

# Yi-Hsin Chan

## List of Publications by Citations

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**Version:** 2024-04-27

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94  
papers

1,182  
citations

17  
h-index

30  
g-index

108  
ext. papers

1,679  
ext. citations

4.8  
avg, IF

4.61  
L-index

#	Paper	IF	Citations
94	Thromboembolic, Bleeding, and Mortality Risks of Rivaroxaban and Dabigatran in Asians With Nonvalvular Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 1389-1401	15.1	117
93	Efficacy and Safety of Apixaban, Dabigatran, Rivaroxaban, and Warfarin in Asians With Nonvalvular Atrial Fibrillation. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	85
92	Cardiovascular, Bleeding, and Mortality Risks of Dabigatran in Asians With Nonvalvular Atrial Fibrillation. <i>Stroke</i> , <b>2016</b> , 47, 441-9	6.7	70
91	Using synchrosqueezing transform to discover breathing dynamics from ECG signals. <i>Applied and Computational Harmonic Analysis</i> , <b>2014</b> , 36, 354-359	3.1	68
90	Effectiveness and Safety of Four Direct Oral Anticoagulants in Asian Patients With Nonvalvular Atrial Fibrillation. <i>Chest</i> , <b>2019</b> , 156, 529-543	5.3	62
89	Acute Kidney Injury in Asians With Atrial Fibrillation Treated With Dabigatran or Warfarin. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2272-2283	15.1	49
88	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> , <b>2016</b> , 13, 771-80	6.7	37
87	Atrial fibrillation and its arrhythmogenesis associated with insulin resistance. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 125	8.7	33
86	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> , <b>2019</b> , 8, e011112 <sup>6</sup>	6	32
85	Effects of renal sympathetic denervation on the stellate ganglion and brain stem in dogs. <i>Heart Rhythm</i> , <b>2017</b> , 14, 255-262	6.7	32
84	Off-label dosing of non-vitamin K antagonist oral anticoagulants and clinical outcomes in Asian patients with atrial fibrillation. <i>Heart Rhythm</i> , <b>2020</b> , 17, 2102-2110	6.7	30
83	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> , <b>2017</b> , 16, 159	8.7	28
82	Small-Conductance Calcium-Activated Potassium Current Is Activated During Hypokalemia and Masks Short-Term Cardiac Memory Induced by Ventricular Pacing. <i>Circulation</i> , <b>2015</b> , 132, 1377-86	16.7	25
81	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> , <b>2018</b> , 265, 83-89	3.2	22
80	Prognostic value of global left ventricular strain for conservatively treated patients with symptomatic aortic stenosis. <i>Journal of Cardiology</i> , <b>2013</b> , 62, 301-6	3	21
79	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> , <b>2017</b> , 18, 79-85	4.1	19
78	The effectiveness and safety of low-dose rivaroxaban in Asians with non-valvular atrial fibrillation. <i>International Journal of Cardiology</i> , <b>2018</b> , 261, 78-83	3.2	18

77	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> , <b>2020</b> , 19, 63	8.7	17
76	Incremental value of inefficient deformation indices for predicting response to cardiac resynchronization therapy. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 307-15	5.8	16
75	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> , <b>2021</b> , 122,	7	16
74	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> , <b>2019</b> , 33, 701-710	3.9	16
73	Prognostic significance of dilated inferior vena cava in advanced decompensated heart failure. <i>International Journal of Cardiovascular Imaging</i> , <b>2014</b> , 30, 1289-95	2.5	15
72	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> , <b>2015</b> , 12, 1619-27	6.7	14
71	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> , <b>2015</b> , 80, 126-35	5.8	14
70	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> , <b>2020</b> , 19, 188	8.7	13
69	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> , <b>2016</b> , 15, 56	8.7	13
68	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> , <b>2021</b> , 22, 348-356	4.1	13
67	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> , <b>2016</b> , 11, e0151485	3.7	12
66	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> , <b>2018</b> , 117, 1058-1064	3.2	12
65	Comparisons of Rivaroxaban Following Different Dosage Criteria (ROCKET AF or J-ROCKET AF Trials) in Asian Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013053	6.3	11
64	Effects of Fluoroquinolones on Outcomes of Patients With Aortic Dissection or Aneurysm. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1875-1887	15.1	11
63	Combined Global Longitudinal Strain and Intraventricular Mechanical Dyssynchrony Predicts Long-Term Outcome in Patients With Systolic Heart Failure. <i>Circulation Journal</i> , <b>2016</b> , 80, 177-85	2.9	10
62	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> , <b>2020</b> , 19, 160	8.7	10
61	Small conductance calcium-activated potassium current and the mechanism of atrial arrhythmia in mice with dysfunctional melanocyte-like cells. <i>Heart Rhythm</i> , <b>2016</b> , 13, 1527-35	6.7	10
60	Non-vitamin K antagonist oral anticoagulants and warfarin in atrial fibrillation patients with concomitant peripheral artery disease. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2021</b> , 7, 50-58	6.4	10

59	Glycemic status and risks of thromboembolism and major bleeding in patients with atrial fibrillation. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 30	8.7	9
58	The CHA <sub>2</sub> DS <sub>2</sub> -VASc Score Predicts Major Bleeding in Non-Valvular Atrial Fibrillation Patients Who Take Oral Anticoagulants. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 7,	5.1	9
57	Tachycardia-induced CD44/NOX4 signaling is involved in the development of atrial remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 135, 67-78	5.8	8
56	Properties of a diffused photon-pair density wave in a multiple-scattering medium. <i>Applied Optics</i> , <b>2005</b> , 44, 1416-25	1.7	8
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. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146343	3.7	8
54	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> , <b>2021</b> , 37, 1389-1426	1.5	8
53	Impacts of Different Renal Function Estimation Formulas on Dosing of DOACs and Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1808-1810	15.1	8
52	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> , <b>2018</b> , 48, 661-667	1.6	8
51	Incremental value of radial discoordination index for the prediction of response to cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 213-22	4.1	7
50	Risks and outcomes of gastrointestinal malignancies in anticoagulated atrial fibrillation patients experiencing gastrointestinal bleeding: A nationwide cohort study. <i>Heart Rhythm</i> , <b>2020</b> , 17, 1745-1751	6.7	6
49	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> , <b>2021</b> , 35, 975-986	3.9	6
48	Continuation or discontinuation of oral anticoagulants after HAS-BLED scores increase in patients with atrial fibrillation. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 1	6.1	6
47	Enhanced detection of cardiac arrhythmias utilizing 14-day continuous ECG patch monitoring. <i>International Journal of Cardiology</i> , <b>2021</b> , 332, 78-84	3.2	6
46	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. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17, 521	6.3	6
45	Left bundle-branch block contraction patterns identified from radial-strain analysis predicts outcomes following cardiac resynchronization therapy. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 869-877	2.5	5
44	Role of Apamin-Sensitive Calcium-Activated Small-Conductance Potassium Currents on the Mechanisms of Ventricular Fibrillation in Pacing-Induced Failing Rabbit Hearts. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2017</b> , 10, e004434	6.4	5
43	Role of apamin-sensitive small conductance calcium-activated potassium currents in long-term cardiac memory in rabbits. <i>Heart Rhythm</i> , <b>2018</b> , 15, 761-769	6.7	5
42	Hyperacute rejection from a donor who died of carbamate intoxication--a case report. <i>American Journal of Emergency Medicine</i> , <b>2012</b> , 30, 1661.e1-4	2.9	5

41	Bleeding risk with dabigatran, rivaroxaban, warfarin, and antiplatelet agent in Asians with non-valvular atrial fibrillation. <i>Oncotarget</i> , <b>2017</b> , 8, 98898-98917	3.3	5
40	Clinical Assessment and Implication of Left Ventricular Mechanical Dyssynchrony in Patients with Heart Failure. <i>Acta Cardiologica Sinica</i> , <b>2013</b> , 29, 505-14	1.1	5
39	Association of Long-term Use of Antihypertensive Medications With Late Outcomes Among Patients With Aortic Dissection. <i>JAMA Network Open</i> , <b>2021</b> , 4, e210469	10.4	4
38	Association evidence of CCTTT repeat polymorphism in the iNOS promoter and the risk of atrial fibrillation in Taiwanese. <i>Scientific Reports</i> , <b>2017</b> , 7, 42388	4.9	3
37	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. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 2784-2796	3.7	3
36	Measurement of diffuse photon-pairs density wave in a multiple-scattering medium. <i>Applied Optics</i> , <b>2008</b> , 47, 2708-14	1.7	3
35	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. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 93	8.7	3
34	Oral anticoagulants in extremely-high-risk, very elderly (>90 years) patients with atrial fibrillation. <i>Heart Rhythm</i> , <b>2021</b> , 18, 871-877	6.7	3
33	Optimal Management of Anticoagulation Therapy in Asian Patients With Atrial Fibrillation. <i>Circulation Journal</i> , <b>2021</b> , 85, 1245-1253	2.9	3
32	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> , <b>2021</b> ,	4.6	3
31	Stroke and Bleeding Risk Assessment in Atrial Fibrillation: Where Are We Now?. <i>Korean Circulation Journal</i> , <b>2021</b> , 51, 668-680	2.2	3
30	Bioprosthetic versus mechanical mitral valve replacements in patients with rheumatic heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	3
29	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> , <b>2018</b> , 48, 1123-1132	1.6	3
28	Clinical Outcomes in Atrial Fibrillation Patients With a History of Cancer Treated With Non-Vitamin K Antagonist Oral Anticoagulants: A Nationwide Cohort Study. <i>Stroke</i> , <b>2021</b> , 52, 3132-3141	6.7	3
27	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> , <b>2019</b> , 14, e0213517	3.7	2
26	Possible targets of therapy for catecholaminergic polymorphic ventricular tachycardia. - Insight from a theoretical model -. <i>Circulation Journal</i> , <b>2011</b> , 75, 1833-42	2.9	2
25	Analysis of Anticoagulation Therapy and Anticoagulation-Related Outcomes Among Asian Patients After Mechanical Valve Replacement.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2146026	10.4	2
24	Direct Oral Anticoagulants in Atrial Fibrillation Patients With Concomitant Hyperthyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	2

23	A Novel L115F Mutation Identified by Whole Exome Sequencing is Associated with Inherited Cardiac Conduction Disease. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	2
22	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> , <b>2021</b> , 11, 27	8.9	2
21	Reply: Mortality and Acute Kidney Injury in Asians With Atrial Fibrillation Treated With Dabigatran or Warfarin. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2471-2472	15.1	1
20	All-cause mortality and the risk of stroke with selective aspiration thrombectomy in patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention: A nationwide retrospective cohort study. <i>Medicine (United States)</i> , <b>2020</b> , 99, e19590	1.8	1
19	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> , <b>2020</b> , 61, 289-294	1.8	1
18	The measurement of optical properties of a multiple scattering medium based on diffused photon pair density wave <b>2003</b> ,		1
17	Sex differences in risks of in-hospital and late outcomes after cardiac surgery: a nationwide population-based cohort study.. <i>BMJ Open</i> , <b>2022</b> , 12, e058538	3	1
16	Sex-related differences on the risks of in-hospital and late outcomes after acute aortic dissection: A nationwide population-based cohort study.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0263717	3.7	1
15	Incidence and Transition of Acute Kidney Injury, Acute Kidney Disease to Chronic Kidney Disease after Acute Type A Aortic Dissection Surgery. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
14	Incidence and Transition of Acute Kidney Injury, Acute Kidney Disease to Chronic Kidney Disease after Acute Type A Aortic Dissection Surgery. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10, 4769	5.1	1
13	Impact of chronic kidney disease on long-term outcomes for coronary in-stent restenosis after drug-coated balloon angioplasty. <i>Journal of Cardiology</i> , <b>2021</b> , 78, 564-570	3	1
12	Proinflammatory Cytokine Modulates Intracellular Calcium Handling and Enhances Ventricular Arrhythmia Susceptibility. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 623510	5.4	1
11	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> , <b>2021</b> , 23, 2077-2089	6.7	1
10	Effect of Permanent Pacemaker Implantation After Valve Surgery on Long-Term Outcomes. <i>Circulation Journal</i> , <b>2021</b> , 85, 1027-1034	2.9	1
9	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> , <b>2021</b> , 37, 113-121	3.8	1
8	The risk of consequent nephropathy following initial weight loss in diabetic patients treated with sodium glucose cotransporter 2 inhibitors. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 167	8.7	1
7	Outcomes after ticagrelor versus clopidogrel treatment in end-stage renal disease patients with acute myocardial infarction: a nationwide cohort study. <i>Scientific Reports</i> , <b>2021</b> , 11, 20826	4.9	0
6	Level of serum soluble lumican and risks of perioperative complications in patients receiving aortic surgery. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247340	3.7	0

- 5 Expression and role of lumican in acute aortic dissection: A human and mouse study. *PLoS ONE*, **2021**, 16, e0255238 3.7 ○
- 4 Resuscitation outcomes of a wireless ECG telemonitoring system for cardiovascular ward patients experiencing in-hospital cardiac arrest. *Journal of the Formosan Medical Association*, **2021**, 120, 551-558 3.2 ○
- 3 Tachypacing-induced CREB/CD44 signaling contributes to the suppression of L-type calcium channel expression and the development of atrial remodeling. *Heart Rhythm*, **2021**, 18, 1760-1771 6.7 ○
- 2 Hyperacute rejection from a donor died from carbamate intoxication. *American Journal of Emergency Medicine*, **2012**, 30, 1009-1010 2.9
- 1 Reply: The Association Between Fluoroquinolone Use and the Outcome of Aortic Aneurysm or Dissection. *Journal of the American College of Cardiology*, **2021**, 78, 639-641 15.1