

# Shih-Ann Chen

## List of Publications by Citations

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135  
papers

9,977  
citations

42  
h-index

99  
g-index

140  
ext. papers

11,494  
ext. citations

5  
avg, IF

5.39  
L-index

#	Paper	IF	Citations
135	Updated worldwide survey on the methods, efficacy, and safety of catheter ablation for human atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2010</b> , 3, 32-8	6.4	1365
134	Initiation of atrial fibrillation by ectopic beats originating from the pulmonary veins: electrophysiological characteristics, pharmacological responses, and effects of radiofrequency ablation. <i>Circulation</i> , <b>1999</b> , 100, 1879-86	16.7	1263
133	2012 HRS/EHRA/ECAS Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation: recommendations for patient selection, procedural techniques, patient management and follow-up, definitions, endpoints, and research trial design. <i>Europace</i> , <b>2012</b> , 14, 528-606	3.9	1160
132	Catheter ablation of paroxysmal atrial fibrillation initiated by non-pulmonary vein ectopy. <i>Circulation</i> , <b>2003</b> , 107, 3176-83	16.7	572
131	Initiation of atrial fibrillation by ectopic beats originating from the superior vena cava: electrophysiological characteristics and results of radiofrequency ablation. <i>Circulation</i> , <b>2000</b> , 102, 67-74	16.7	427
130	Effects of rapid atrial pacing on the arrhythmogenic activity of single cardiomyocytes from pulmonary veins: implication in initiation of atrial fibrillation. <i>Circulation</i> , <b>2001</b> , 104, 2849-54	16.7	233
129	Pulmonary vein morphology in patients with paroxysmal atrial fibrillation initiated by ectopic beats originating from the pulmonary veins: implications for catheter ablation. <i>Circulation</i> , <b>2000</b> , 101, 1274-81	16.7	199
128	The Changing Landscape for Stroke Prevention in AF: Findings From the GLORIA-AF Registry Phase 2. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 777-785	15.1	193
127	Should atrial fibrillation patients with 1 additional risk factor of the CHA2DS2-VASc score (beyond sex) receive oral anticoagulation?. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 635-42	15.1	187
126	Predictors of non-pulmonary vein ectopic beats initiating paroxysmal atrial fibrillation: implication for catheter ablation. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1054-9	15.1	163
125	Oral Anticoagulation in Very Elderly Patients With Atrial Fibrillation: A Nationwide Cohort Study. <i>Circulation</i> , <b>2018</b> , 138, 37-47	16.7	136
124	Focal atrial tachycardia: new insight from noncontact mapping and catheter ablation. <i>Circulation</i> , <b>2004</b> , 109, 84-91	16.7	126
123	Relationship of Aging and Incident Comorbidities to Stroke Risk in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 122-132	15.1	114
122	Role of atrial electrophysiology and autonomic nervous system in patients with supraventricular tachycardia and paroxysmal atrial fibrillation. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 32, 732-8	15.1	112
121	Effects of thyroid hormone on the arrhythmogenic activity of pulmonary vein cardiomyocytes. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 39, 366-72	15.1	110
120	Focal atrial tachycardia: reanalysis of the clinical and electrophysiologic characteristics and prediction of successful radiofrequency ablation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>1998</b> , 9, 355-65	2.7	107
119	Batrial substrate properties in patients with atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2007</b> , 18, 1134-9	2.7	98

118	Effects of a Na <sup>+</sup> /Ca <sup>2+</sup> exchanger inhibitor on pulmonary vein electrical activity and ouabain-induced arrhythmogenicity. <i>Cardiovascular Research</i> , <b>2006</b> , 70, 497-508	9.9	95
117	Age Threshold for Increased Stroke Risk Among Patients With Atrial Fibrillation: A Nationwide Cohort Study From Taiwan. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1339-47	15.1	92
116	Adipocytes modulate the electrophysiology of atrial myocytes: implications in obesity-induced atrial fibrillation. <i>Basic Research in Cardiology</i> , <b>2012</b> , 107, 293	11.8	89
115	Efficacy of additional ablation of complex fractionated atrial electrograms for catheter ablation of nonparoxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 607-15	2.7	88
114	Radiofrequency catheter ablation of common atrial flutter: comparison of electrophysiologically guided focal ablation technique and linear ablation technique. <i>Journal of the American College of Cardiology</i> , <b>1996</b> , 27, 860-8	15.1	88
113	Angiotensin II and angiotensin II receptor blocker modulate the arrhythmogenic activity of pulmonary veins. <i>British Journal of Pharmacology</i> , <b>2006</b> , 147, 12-22	8.6	71
112	Recurrent atrial flutter and atrial fibrillation after catheter ablation of the cavotricuspid isthmus: a very long-term follow-up of 333 patients. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2002</b> , 7, 225-31	2.4	71
111	Long-term outcome of catheter ablation in patients with atrial fibrillation originating from nonpulmonary vein ectopy. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2013</b> , 24, 250-8	2.7	69
110	Lifetime Risks, Projected Numbers, and Adverse Outcomes in Asian Patients With Atrial Fibrillation: A Report From the Taiwan Nationwide AF Cohort Study. <i>Chest</i> , <b>2018</b> , 153, 453-466	5.3	65
109	Prevalence, characteristics, mapping, and catheter ablation of potential rotors in nonparoxysmal atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 851-8	6.4	61
108	Role of high dominant frequency sites in nonparoxysmal atrial fibrillation patients: insights from high-density frequency and fractionation mapping. <i>Heart Rhythm</i> , <b>2010</b> , 7, 1255-62	6.7	59
107	Validation of a Modified CHA2DS2-VASc Score for Stroke Risk Stratification in Asian Patients With Atrial Fibrillation: A Nationwide Cohort Study. <i>Stroke</i> , <b>2016</b> , 47, 2462-9	6.7	55
106	Aging increases pulmonary veins arrhythmogenesis and susceptibility to calcium regulation agents. <i>Heart Rhythm</i> , <b>2007</b> , 4, 1338-49	6.7	55
105	Aging dilates atrium and pulmonary veins: implications for the genesis of atrial fibrillation. <i>Chest</i> , <b>2008</b> , 133, 190-6	5.3	54
104	CHADS2 score and risk of new-onset atrial fibrillation: a nationwide cohort study in Taiwan. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 1360-3	3.2	53
103	Discrepant electrophysiological characteristics and calcium homeostasis of left atrial anterior and posterior myocytes. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 65-74	11.8	53
102	Induced atrial tachycardia after circumferential pulmonary vein isolation of paroxysmal atrial fibrillation: electrophysiological characteristics and impact of catheter ablation on the follow-up results. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 388-94	2.7	52
101	Age threshold for the use of non-vitamin K antagonist oral anticoagulants for stroke prevention in patients with atrial fibrillation: insights into the optimal assessment of age and incident comorbidities. <i>European Heart Journal</i> , <b>2019</b> , 40, 1504-1514	9.5	51

100	Successful catheter ablation reduces the risk of cardiovascular events in atrial fibrillation patients with CHA2DS2-VASc risk score of 1 and higher. <i>Europace</i> , <b>2013</b> , 15, 676-84	3.9	47
99	Hypoxia and reoxygenation modulate the arrhythmogenic activity of the pulmonary vein and atrium. <i>Clinical Science</i> , <b>2012</b> , 122, 121-32	6.5	45
98	Evolving Changes of the Use of Oral Anticoagulants and Outcomes in Patients With Newly Diagnosed Atrial Fibrillation in Taiwan. <i>Circulation</i> , <b>2018</b> , 138, 1485-1487	16.7	44
97	Incident Co-Morbidities in Patients with Atrial Fibrillation Initially with a CHA2DS2-VASc Score of 0 (Males) or 1 (Females): Implications for Reassessment of Stroke Risk in Initially Low-Risk Patients. <i>Thrombosis and Haemostasis</i> , <b>2019</b> , 119, 1162-1170	7	43
96	Major bleeding and intracranial hemorrhage risk prediction in patients with atrial fibrillation: Attention to modifiable bleeding risk factors or use of a bleeding risk stratification score? A nationwide cohort study. <i>International Journal of Cardiology</i> , <b>2018</b> , 254, 157-161	3.2	43
95	Oxidative stress on pulmonary vein and left atrium arrhythmogenesis. <i>Circulation Journal</i> , <b>2010</b> , 74, 1547-56	7.56	42
94	Long-term outcome of multiform premature ventricular complexes in structurally normal heart. <i>International Journal of Cardiology</i> , <b>2015</b> , 180, 80-5	3.2	41
93	Benefits of Atrial Substrate Modification Guided by Electrogram Similarity and Phase Mapping Techniques to Eliminate Rotors and Focal Sources Versus Conventional Defragmentation in Persistent Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , <b>2016</b> , 2, 667-678	4.6	36
92	Heart failure enhanced pulmonary vein arrhythmogenesis and dysregulated sodium and calcium homeostasis with increased calcium sparks. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2011</b> , 22, 1378-86	2.7	35
91	Mechanism of spontaneous transition from typical atrial flutter to atrial fibrillation: role of ectopic atrial fibrillation foci. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2001</b> , 24, 46-52	1.6	35
90	Age, Sex, and Blood Pressure-Related Influences on Reference Values of Left Atrial Deformation and Mechanics From a Large-Scale Asian Population. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	34
89	Interleukin-17 enhances cardiac ventricular remodeling via activating MAPK pathway in ischemic heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 122, 69-79	5.8	31
88	Predictors and Characteristics of Multiple (More Than 2) Catheter Ablation Procedures for Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2015</b> , 26, 1048-56	2.7	30
87	A novel method to enhance phenotype, epicardial functional substrates, and ventricular tachyarrhythmias in Brugada syndrome. <i>Heart Rhythm</i> , <b>2017</b> , 14, 508-517	6.7	29
86	2019 APHRS expert consensus statement on three-dimensional mapping systems for tachycardia developed in collaboration with HRS, EHRA, and LAHRS. <i>Journal of Arrhythmia</i> , <b>2020</b> , 36, 215-270	1.5	28
85	Increased Ca(2+) sparks and sarcoplasmic reticulum Ca(2+) stores potentially determine the spontaneous activity of pulmonary vein cardiomyocytes. <i>Life Sciences</i> , <b>2008</b> , 83, 284-92	6.8	28
84	Characteristics and long-term catheter ablation outcome in long-standing persistent atrial fibrillation patients with non-pulmonary vein triggers. <i>International Journal of Cardiology</i> , <b>2017</b> , 241, 205-211	3.2	27
83	ZFH3 knockdown increases arrhythmogenesis and dysregulates calcium homeostasis in HL-1 atrial myocytes. <i>International Journal of Cardiology</i> , <b>2016</b> , 210, 85-92	3.2	25

82	A prospective and randomized comparison of limited versus extensive atrial substrate modification after circumferential pulmonary vein isolation in nonparoxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 803-812	2.7	23
81	Apamin modulates electrophysiological characteristics of the pulmonary vein and the Sinoatrial Node. <i>European Journal of Clinical Investigation</i> , <b>2013</b> , 43, 957-63	4.6	23
80	Nonlinear analysis of fibrillatory electrogram similarity to optimize the detection of complex fractionated electrograms during persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2013</b> , 24, 280-9	2.7	23
79	Gender differences in patients with arrhythmogenic right ventricular dysplasia/cardiomyopathy: Clinical manifestations, electrophysiological properties, substrate characteristics, and prognosis of radiofrequency catheter ablation. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 930-937	3.2	22
78	The impact of catheter ablation on the dynamic function of the left atrium in patients with atrial fibrillation: insights from four-dimensional computed tomographic images. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2010</b> , 21, 270-7	2.7	22
77	Electromechanical effects of the direct renin inhibitor (aliskiren) on the pulmonary vein and atrium. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 979-93	11.8	21
76	Fibroblast growth factor 23 dysregulates late sodium current and calcium homeostasis with enhanced arrhythmogenesis in pulmonary vein cardiomyocytes. <i>Oncotarget</i> , <b>2016</b> , 7, 69231-69242	3.3	21
75	Importance of Risk Reassessment in Patients With Atrial Fibrillation in Guidelines: Assessing Risk as a Dynamic Process. <i>Canadian Journal of Cardiology</i> , <b>2019</b> , 35, 611-618	3.8	20
74	Nitroprusside modulates pulmonary vein arrhythmogenic activity. <i>Journal of Biomedical Science</i> , <b>2010</b> , 17, 20	13.3	20
73	Extracellular matrix of collagen modulates arrhythmogenic activity of pulmonary veins through p38 MAPK activation. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2013</b> , 59, 159-66	5.8	19
72	Endothelin-1 modulates the arrhythmogenic activity of pulmonary veins. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2008</b> , 19, 285-92	2.7	19
71	Comparing the Effectiveness and Safety of Nonvitamin K Antagonist Oral Anticoagulants and Warfarin in Elderly Asian Patients With Atrial Fibrillation: A Nationwide Cohort Study. <i>Chest</i> , <b>2020</b> , 157, 1266-1277	5.3	18
70	Renal failure induces atrial arrhythmogenesis from discrepant electrophysiological remodeling and calcium regulation in pulmonary veins, sinoatrial node, and atria. <i>International Journal of Cardiology</i> , <b>2016</b> , 202, 846-57	3.2	17
69	Heterogeneous distribution of substrates between the endocardium and epicardium promotes ventricular fibrillation in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Europace</i> , <b>2018</b> , 20, 501-511	3.9	16
68	Long-term efficacy and safety of adjunctive ethanol infusion into the vein of Marshall during catheter ablation for nonparoxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 1215-1228	2.7	15
67	ATX-II-induced pulmonary vein arrhythmogenesis related to atrial fibrillation and long QT syndrome. <i>European Journal of Clinical Investigation</i> , <b>2012</b> , 42, 823-31	4.6	15
66	Reassessment of Risk for Stroke During Follow-up of Patients With Atrial Fibrillation. <i>Annals of Internal Medicine</i> , <b>2019</b> , 170, 663-664	8	15
65	MicroRNA-133 suppresses ZFH3-dependent atrial remodelling and arrhythmia. <i>Acta Physiologica</i> , <b>2019</b> , 227, e13322	5.6	14

64	Early repolarization of surface ECG predicts fatal ventricular arrhythmias in patients with arrhythmogenic right ventricular dysplasia/cardiomyopathy and symptomatic ventricular arrhythmias. <i>International Journal of Cardiology</i> , <b>2015</b> , 197, 300-5	3.2	14
63	Simultaneous Amplitude Frequency Electrogram Transformation (SAFE-T) Mapping to Identify Ventricular Tachycardia Arrhythmogenic Potentials in Sinus Rhythm. <i>JACC: Clinical Electrophysiology</i> , <b>2016</b> , 2, 459-470	4.6	14
62	Different characteristics and electrophysiological properties between early and late recurrences after acute successful catheter ablation of idiopathic right ventricular outflow tract arrhythmias during long-term follow-up. <i>Heart Rhythm</i> , <b>2014</b> , 11, 1760-9	6.7	13
61	Colchicine modulates calcium homeostasis and electrical property of HL-1 cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2016</b> , 20, 1182-90	5.6	13
60	A monounsaturated fatty acid (oleic acid) modulates electrical activity in atrial myocytes with calcium and sodium dysregulation. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 191-8	3.2	12
59	Redox and Activation of Protein Kinase A Dysregulates Calcium Homeostasis in Pulmonary Vein Cardiomyocytes of Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	12
58	Fluvastatin reduces pulmonary vein spontaneous activity through nitric oxide pathway. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 200-6	2.7	12
57	European Society of Cardiology Guideline-Adherent Antithrombotic Treatment and Risk of Mortality in Asian Patients with Atrial Fibrillation. <i>Scientific Reports</i> , <b>2016</b> , 6, 30734	4.9	11
56	Safety and Efficacy of Epicardial Ablation of Ventricular Tachyarrhythmias: Experience from a Tertiary Referral Center in Taiwan. <i>Acta Cardiologica Sinica</i> , <b>2018</b> , 34, 49-58	1.1	11
55	Prolonged atrium electromechanical interval is associated with stroke in patients with atrial fibrillation after catheter ablation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2013</b> , 24, 375-80	2.7	10
54	Ten-year ablation outcomes of patients with paroxysmal atrial fibrillation undergoing pulmonary vein isolation. <i>Heart Rhythm</i> , <b>2019</b> , 16, 1327-1333	6.7	9
53	Selective and non-selective non-steroidal anti-inflammatory drugs differentially regulate pulmonary vein and atrial arrhythmogenesis. <i>International Journal of Cardiology</i> , <b>2015</b> , 184, 559-567	3.2	9
52	Automated extraction of left atrial volumes from two-dimensional computer tomography images using a deep learning technique. <i>International Journal of Cardiology</i> , <b>2020</b> , 316, 272-278	3.2	9
51	Identification of critical isthmus using coherent mapping in patients with scar-related atrial tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 1436-1447	2.7	9
50	Latrunculin B modulates electrophysiological characteristics and arrhythmogenesis in pulmonary vein cardiomyocytes. <i>Clinical Science</i> , <b>2016</b> , 130, 721-32	6.5	9
49	Management of Atrial Fibrillation in COVID-19 Pandemic. <i>Circulation Journal</i> , <b>2020</b> , 84, 1679-1685	2.9	9
48	Non-Vitamin K Antagonist Oral Anticoagulants in Elderly (85 years) Patients With Newly Diagnosed Atrial Fibrillation: Changing Clinical Practice and Outcomes for Stroke Prevention in a Nationwide Cohort Study. <i>Mayo Clinic Proceedings</i> , <b>2021</b> , 96, 52-65	6.4	9
47	Comparison of cooled-tip versus 4-mm-tip catheter in the efficacy of acute ablative tissue injury during circumferential pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 1113-8	2.7	8

46	Characteristics of recurrent ventricular tachyarrhythmia after catheter ablation in patients with arrhythmogenic right ventricular cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 582-592	2.7	7
45	A novel noninvasive surface ECG analysis using interlead QRS dispersion in arrhythmogenic right ventricular cardiomyopathy. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182364	3.7	7
44	Klotho modulates electrical activity and calcium homeostasis in pulmonary vein cardiomyocytes via PI3K/Akt signalling. <i>Europace</i> , <b>2020</b> , 22, 1132-1141	3.9	6
43	Clinical efficacy of open-irrigated electrode cooled with half-normal saline for initially failed radiofrequency ablation of idiopathic outflow tract ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 1508-1516	2.7	6
42	Characteristics of diurnal ventricular premature complex variation in right ventricular outflow tract arrhythmias after catheter ablation. <i>Medicine (United States)</i> , <b>2017</b> , 96, e6516	1.8	6
41	Impact of aortic encroachment to left atrium on non-pulmonary vein triggers of atrial fibrillation. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 650-655	3.2	6
40	Unipolar peak-negative voltage as an endocardial electrographic characteristic to predict overlying abnormal epicardial substrates in patients with right epicardial ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 1343-9	2.7	6
39	Cariporide (HOE642) attenuates lactic acidosis induced pulmonary vein arrhythmogenesis. <i>Life Sciences</i> , <b>2009</b> , 85, 19-25	6.8	6
38	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
37	Angiotensin 1-7 modulates electrophysiological characteristics and calcium homeostasis in pulmonary veins cardiomyocytes via MAS/PI3K/eNOS signalling pathway. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12854	4.6	6
36	Catheter Ablation of Ventricular Tachycardia/Fibrillation in a Patient with Right Ventricular Amyloidosis with Initial Manifestations Mimicking Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Korean Circulation Journal</i> , <b>2017</b> , 47, 282-285	2.2	5
35	The Different Substrate Characteristics of Arrhythmogenic Triggers in Idiopathic Right Ventricular Outflow Tract Tachycardia and Arrhythmogenic Right Ventricular Dysplasia: New Insight from Noncontact Mapping. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140167	3.7	5
34	Recommendations on stroke prevention for patients having a CHADS-VASc score of 1 (males) or 2 (females) in 2019 atrial fibrillation guidelines. <i>Trends in Cardiovascular Medicine</i> , <b>2019</b> , 29, 427-428	6.9	5
33	Ambient fine particulate matter (PM2.5) exposure is associated with idiopathic ventricular premature complexes burden: A cohort study with consecutive Holter recordings. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 487-492	2.7	5
32	Arginine vasopressin modulates electrical activity and calcium homeostasis in pulmonary vein cardiomyocytes. <i>Journal of Biomedical Science</i> , <b>2019</b> , 26, 71	13.3	4
31	Levosimendan differentially modulates electrophysiological activities of sinoatrial nodes, pulmonary veins, and the left and right atria. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2018</b> , 29, 1150-1158	2.7	4
30	Association of Single Nucleotide Polymorphisms with Atrial Fibrillation and the Outcome after Catheter Ablation. <i>Acta Cardiologica Sinica</i> , <b>2016</b> , 32, 523-531	1.1	4
29	The Clinical Application of the Deep Learning Technique for Predicting Trigger Origins in Patients With Paroxysmal Atrial Fibrillation With Catheter Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008518	6.4	4

28	The Accuracy and Clinical Applicability of a Sensor Based Electromagnetic Non-fluoroscopic Catheter Tracking System. <i>Korean Circulation Journal</i> , <b>2019</b> , 49, 84-96	2.2	3
27	Electrophysiological and clinical characteristics of catheter ablation for isolated left side atrial tachycardia over a 10-year period. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 1013-1025	2.7	3
26	Atrial Tachycardias After Atrial Fibrillation Ablation: How to Manage?. <i>Arrhythmia and Electrophysiology Review</i> , <b>2020</b> , 9, 54-60	3.2	3
25	Stroke in Atrial Fibrillation - Long-term Follow-up of Cardiovascular Events. <i>Arrhythmia and Electrophysiology Review</i> , <b>2013</b> , 2, 105-8	3.2	3
24	Optimal Management of Anticoagulation Therapy in Asian Patients With Atrial Fibrillation. <i>Circulation Journal</i> , <b>2021</b> , 85, 1245-1253	2.9	3
23	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
22	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
21	Early detection of electromechanical dysfunction in patients with idiopathic premature ventricular contractions. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2019</b> , 42, 637-645	1.6	2
20	Effects of ANP on pulmonary vein electrophysiology, Ca homeostasis and adrenergic arrhythmogenesis via PKA. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2020</b> , 47, 247-254	3	2
19	Delayed association of acute particulate matter 2.5 air pollution exposure with loss of complexity in cardiac rhythm dynamics: insight from detrended fluctuation analysis. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 10931-10939	5.1	2
18	Catheter Ablation of Ventricular Tachycardia in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Korean Circulation Journal</i> , <b>2018</b> , 48, 890-905	2.2	2
17	Clinical Risk Score for the Prediction of Incident Atrial Fibrillation: Derivation in 7220654 Taiwan Patients With 438930 Incident Atrial Fibrillations During a 16-Year Follow-Up. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e020194	6	2
16	Galectin-3 enhances Atrial Remodeling and Arrhythmogenesis through CD98 Signaling.. <i>Acta Physiologica</i> , <b>2022</b> , e13784	5.6	1
15	Outcome of rescue ablation in patients with refractory ventricular electrical storm requiring mechanical circulation support. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 9-17	2.7	1
14	Mechanoelectrical feedback in pulmonary vein arrhythmogenesis: Clinical challenges and therapeutic opportunities. <i>Journal of Arrhythmia</i> , <b>2020</b> , 36, 608-614	1.5	1
13	The decrease in peak atrial longitudinal strain in patients with atrial fibrillation as a practical parameter for stroke risk stratification. <i>Heart Rhythm</i> , <b>2021</b> , 18, 538-544	6.7	1
12	Left Ventricular Electromechanical Remodeling Detected by Acoustic Cardiography in Paroxysmal Atrial Fibrillation. <i>Journal of Cardiovascular Translational Research</i> , <b>2021</b> , 14, 348-354	3.3	1
11	Identification of Circumferential Pulmonary Vein Isolation Gaps and Critical Atrial Substrate From HD Grid Maps in Atrial Fibrillation Patients: Insights From Omnipolar Technology.. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , CIRCEP121010424	6.4	0



10	Modified Taiwan Atrial Fibrillation Score for the Prediction of Incident Atrial Fibrillation.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 805399	5.4	o
9	Ceramide modulates electrophysiological characteristics and oxidative stress of pulmonary vein cardiomyocytes. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , e13690	4.6	o
8	Application of noninvasive signal-averaged electrocardiogram analysis in predicting the requirement of epicardial ablation in patients with arrhythmogenic right ventricular cardiomyopathy. <i>Heart Rhythm</i> , <b>2020</b> , 17, 584-591	6.7	o
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