

Shih-Ann Chen

List of Publications by Year in descending order

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139
papers

13,441
citations

50170

46
h-index

22102

113
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140
all docs

140
docs citations

140
times ranked

9016
citing authors

#	ARTICLE	IF	CITATIONS
1	Updated Worldwide Survey on the Methods, Efficacy, and Safety of Catheter Ablation for Human Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 32-38.	2.1	1,962
2	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, e275-e444.	0.3	1,671
3	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: A report of the Heart Rhythm Society (HRS) Task Force on Catheter and Surgical Ablation of Atrial Fibrillation. Developed in partnership with the European Heart Rhythm Association (EHRA), a registered branch of the European Society of Cardiology (ESC) and the E. <i>Europace</i> , 2012, 14, 528-606.	0.7	1,497
4	Initiation of Atrial Fibrillation by Ectopic Beats Originating From the Pulmonary Veins. <i>Circulation</i> , 1999, 100, 1879-1886.	1.6	1,467
5	Catheter Ablation of Paroxysmal Atrial Fibrillation Initiated by Non-Pulmonary Vein Ectopy. <i>Circulation</i> , 2003, 107, 3176-3183.	1.6	674
6	Initiation of Atrial Fibrillation by Ectopic Beats Originating From the Superior Vena Cava. <i>Circulation</i> , 2000, 102, 67-74.	1.6	494
7	Effects of Rapid Atrial Pacing on the Arrhythmogenic Activity of Single Cardiomyocytes From Pulmonary Veins. <i>Circulation</i> , 2001, 104, 2849-2854.	1.6	268
8	The Changing Landscape for Stroke Prevention in AF. <i>Journal of the American College of Cardiology</i> , 2017, 69, 777-785.	1.2	244
9	Pulmonary Vein Morphology in Patients With Paroxysmal Atrial Fibrillation Initiated by Ectopic Beats Originating From the Pulmonary Veins. <i>Circulation</i> , 2000, 101, 1274-1281.	1.6	234
10	Should Atrial Fibrillation Patients With an Additional Risk Factor of the CHA2DS2-VASc Score (Beyond) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	222
11	Predictors of Non-Pulmonary Vein Ectopic Beats Initiating Paroxysmal Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1054-1059.	1.2	215
12	Oral Anticoagulation in Very Elderly Patients With Atrial Fibrillation. <i>Circulation</i> , 2018, 138, 37-47.	1.6	182
13	Relationship of Aging and Incident Comorbidities to Stroke Risk in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2018, 71, 122-132.	1.2	147
14	Effects of thyroid hormone on the arrhythmogenic activity of pulmonary vein cardiomyocytes. <i>Journal of the American College of Cardiology</i> , 2002, 39, 366-372.	1.2	139
15	Focal Atrial Tachycardia. <i>Circulation</i> , 2004, 109, 84-91.	1.6	139
16	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> , 1998, 32, 732-738.	1.2	130
17	Focal Atrial Tachycardia:.. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 355-365.	0.8	124
18	Adipocytes modulate the electrophysiology of atrial myocytes: implications in obesity-induced atrial fibrillation. <i>Basic Research in Cardiology</i> , 2012, 107, 293.	2.5	124

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19	Lifetime Risks, Projected Numbers, and Adverse Outcomes in Asian Patients With Atrial Fibrillation. <i>Chest</i> , 2018, 153, 453-466.	0.4	122
20	Biatrial Substrate Properties in Patients with Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 1134-1139.	0.8	109
21	Efficacy of Additional Ablation of Complex Fractionated Atrial Electrograms for Catheter Ablation of Nonparoxysmal Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 607-615.	0.8	106
22	Effects of a Na ⁺ /Ca ²⁺ exchanger inhibitor on pulmonary vein electrical activity and ouabain-induced arrhythmogenicity. <i>Cardiovascular Research</i> , 2006, 70, 497-508.	1.8	105
23	Age Threshold for Increased Stroke Risk Among Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1339-1347.	1.2	104
24	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> , 1996, 27, 860-868.	1.2	97
25	Long-term Outcome of Catheter Ablation in Patients with Atrial Fibrillation Originating from Nonpulmonary Vein Ectopy. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 250-258.	0.8	86
26	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> , 2002, 7, 225-231.	0.6	85
27	Angiotensin II and angiotensin II receptor blocker modulate the arrhythmogenic activity of pulmonary veins. <i>British Journal of Pharmacology</i> , 2006, 147, 12-22.	2.7	79
28	Validation of a Modified CHA ₂ DS ₂ -VASc Score for Stroke Risk Stratification in Asian Patients With Atrial Fibrillation. <i>Stroke</i> , 2016, 47, 2462-2469.	1.0	78
29	Prevalence, Characteristics, Mapping, and Catheter Ablation of Potential Rotors in Nonparoxysmal Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 851-858.	2.1	71
30	Discrepant electrophysiological characteristics and calcium homeostasis of left atrial anterior and posterior myocytes. <i>Basic Research in Cardiology</i> , 2011, 106, 65-74.	2.5	70
31	Aging Dilates Atrium and Pulmonary Veins. <i>Chest</i> , 2008, 133, 190-196.	0.4	68
32	Incident Co-Morbidities in Patients with Atrial Fibrillation Initially with a CHA ₂ DS ₂ -VASc Score of 0 (Males) or 1 (Females): Implications for Reassessment of Stroke Risk in Initially "Low-Risk" Patients. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1162-1170.	1.8	67
33	Evolving Changes of the Use of Oral Anticoagulants and Outcomes in Patients With Newly Diagnosed Atrial Fibrillation in Taiwan. <i>Circulation</i> , 2018, 138, 1485-1487.	1.6	65
34	Role of high dominant frequency sites in nonparoxysmal atrial fibrillation patients: Insights from high-density frequency and fractionation mapping. <i>Heart Rhythm</i> , 2010, 7, 1255-1262.	0.3	64
35	Successful catheter ablation reduces the risk of cardiovascular events in atrial fibrillation patients with CHA ₂ DS ₂ -VASc risk score of 1 and higher. <i>Europace</i> , 2013, 15, 676-684.	0.7	64
36	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> , 2019, 40, 1504-1514.	1.0	64

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37	CHADS2 score and risk of new-onset atrial fibrillation: A nationwide cohort study in Taiwan. <i>International Journal of Cardiology</i> , 2013, 168, 1360-1363.	0.8	62
38	Long-term outcome of multiform premature ventricular complexes in structurally normal heart. <i>International Journal of Cardiology</i> , 2015, 180, 80-85.	0.8	62
39	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> , 2018, 254, 157-161.	0.8	62
40	First-Line Catheter Ablation of Monomorphic Ventricular Tachycardia in Cardiomyopathy Concurrent With Defibrillator Implantation: The PAUSE-SCD Randomized Trial. <i>Circulation</i> , 2022, 145, 1839-1849.	1.6	61
41	Aging increases pulmonary veins arrhythmogenesis and susceptibility to calcium regulation agents. <i>Heart Rhythm</i> , 2007, 4, 1338-1349.	0.3	59
42	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> , 2017, 10, .	1.3	59
43	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> , 2020, 36, 215-270.	0.5	57
44	Interleukin-17 enhances cardiac ventricular remodeling via activating MAPK pathway in ischemic heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 122, 69-79.	0.9	56
45	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> , 2009, 20, 388-394.	0.8	54
46	Oxidative Stress on Pulmonary Vein and Left Atrium Arrhythmogenesis. <i>Circulation Journal</i> , 2010, 74, 1547-1556.	0.7	50
47	Hypoxia and reoxygenation modulate the arrhythmogenic activity of the pulmonary vein and atrium. <i>Clinical Science</i> , 2012, 122, 121-132.	1.8	50
48	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> , 2016, 2, 667-678.	1.3	50
49	Mechanism of Spontaneous Transition from Typical Atrial Flutter to Atrial Fibrillation: Role of Ectopic Atrial Fibrillation Foci. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001, 24, 46-52.	0.5	47
50	A novel method to enhance phenotype, epicardial functional substrates, and ventricular tachyarrhythmias in Brugada syndrome. <i>Heart Rhythm</i> , 2017, 14, 508-517.	0.3	46
51	Predictors and Characteristics of Multiple (More Than 2) Catheter Ablation Procedures for Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1048-1056.	0.8	44
52	Heart Failure Enhanced Pulmonary Vein Arrhythmogenesis and Dysregulated Sodium and Calcium Homeostasis with Increased Calcium Sparks. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1378-1386.	0.8	41
53	ZFH3 knockdown increases arrhythmogenesis and dysregulates calcium homeostasis in HL-1 atrial myocytes. <i>International Journal of Cardiology</i> , 2016, 210, 85-92.	0.8	34
54	Comparing the Effectiveness and Safety of Nonvitamin K Antagonist Oral Anticoagulants and Warfarin in Elderly Asian Patients With Atrial Fibrillation. <i>Chest</i> , 2020, 157, 1266-1277.	0.4	33

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55	Increased Ca ²⁺ sparks and sarcoplasmic reticulum Ca ²⁺ stores potentially determine the spontaneous activity of pulmonary vein cardiomyocytes. <i>Life Sciences</i> , 2008, 83, 284-292.	2.0	32
56	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> , 2017, 241, 205-211.	0.8	32
57	Importance of Risk Reassessment in Patients With Atrial Fibrillation in Guidelines: Assessing Risk as a Dynamic Process. <i>Canadian Journal of Cardiology</i> , 2019, 35, 611-618.	0.8	32
58	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> , 2010, 21, 270-277.	0.8	31
59	Apamin modulates electrophysiological characteristics of the pulmonary vein and the Sinoatrial Node. <i>European Journal of Clinical Investigation</i> , 2013, 43, 957-963.	1.7	27
60	Nonlinear Analysis of Fibrillatory Electrogram Similarity to Optimize the Detection of Complex Fractionated Electrograms During Persistent Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 280-289.	0.8	27
61	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> , 2014, 25, 803-812.	0.8	27
62	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> , 2019, 30, 1215-1228.	0.8	27
63	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> , 2017, 227, 930-937.	0.8	26
64	Identification of critical isthmus using coherent mapping in patients with scar-related atrial tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1436-1447.	0.8	26
65	Fibroblast growth factor 23 dysregulates late sodium current and calcium homeostasis with enhanced arrhythmogenesis in pulmonary vein cardiomyocytes. <i>Oncotarget</i> , 2016, 7, 69231-69242.	0.8	26
66	MicroRNA-133 suppresses ZFX3-dependent atrial remodelling and arrhythmia. <i>Acta Physiologica</i> , 2019, 227, e13322.	1.8	25
67	Electromechanical effects of the direct renin inhibitor (aliskiren) on the pulmonary vein and atrium. <i>Basic Research in Cardiology</i> , 2011, 106, 979-993.	2.5	24
68	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> , 2020, 13, e008518.	2.1	24
69	Nitroprusside modulates pulmonary vein arrhythmogenic activity. <i>Journal of Biomedical Science</i> , 2010, 17, 20.	2.6	23
70	Endothelin-1 Modulates the Arrhythmogenic Activity of Pulmonary Veins. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 285-292.	0.8	22
71	Extracellular matrix of collagen modulates arrhythmogenic activity of pulmonary veins through p38 MAPK activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 59, 159-166.	0.9	22
72	Reassessment of Risk for Stroke During Follow-up of Patients With Atrial Fibrillation. <i>Annals of Internal Medicine</i> , 2019, 170, 663.	2.0	22

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73	Automated extraction of left atrial volumes from two-dimensional computer tomography images using a deep learning technique. <i>International Journal of Cardiology</i> , 2020, 316, 272-278.	0.8	22
74	Simultaneous Amplitude Frequency Electrogram Transformation (SAFE-T) Mapping to Identify Ventricular Tachycardia Arrhythmogenic Potentials in Sinus Rhythm. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 459-470.	1.3	21
75	Ten-year ablation outcomes of patients with paroxysmal atrial fibrillation undergoing pulmonary vein isolation. <i>Heart Rhythm</i> , 2019, 16, 1327-1333.	0.3	21
76	Non-Vitamin K Antagonist Oral Anticoagulants in Elderly (>85 years) Patients With Newly Diagnosed Atrial Fibrillation. <i>Mayo Clinic Proceedings</i> , 2021, 96, 52-65.	1.4	21
77	Colchicine modulates calcium homeostasis and electrical property of HL-1 cells. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1182-1190.	1.6	20
78	Heterogeneous distribution of substrates between the endocardium and epicardium promotes ventricular fibrillation in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Europace</i> , 2018, 20, 501-511.	0.7	20
79	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> , 2016, 202, 846-857.	0.8	18
80	Management of Atrial Fibrillation in COVID-19 Pandemic. <i>Circulation Journal</i> , 2020, 84, 1679-1685.	0.7	18
81	Safety and Efficacy of Epicardial Ablation of Ventricular Tachyarrhythmias: Experience from a Tertiary Referral Center in Taiwan. <i>Acta Cardiologica Sinica</i> , 2018, 34, 49-58.	0.1	18
82	A monounsaturated fatty acid (oleic acid) modulates electrical activity in atrial myocytes with calcium and sodium dysregulation. <i>International Journal of Cardiology</i> , 2014, 176, 191-198.	0.8	17
83	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> , 2014, 11, 1760-1769.	0.3	17
84	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.	1.5	17
85	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> , 2021, 10, e020194.	1.6	17
86	ATX-induced pulmonary vein arrhythmogenesis related to atrial fibrillation and long QT syndrome. <i>European Journal of Clinical Investigation</i> , 2012, 42, 823-831.	1.7	16
87	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> , 2019, 30, 1508-1516.	0.8	16
88	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> , 2017, 6, .	1.6	15
89	Characteristics of recurrent ventricular tachyarrhythmia after catheter ablation in patients with arrhythmogenic right ventricular cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 582-592.	0.8	15
90	Fluvastatin Reduces Pulmonary Vein Spontaneous Activity Through Nitric Oxide Pathway. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 200-206.	0.8	14

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91	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> , 2015, 197, 300-305.	0.8	14
92	European Society of Cardiology Guideline-Adherent Antithrombotic Treatment and Risk of Mortality in Asian Patients with Atrial Fibrillation. <i>Scientific Reports</i> , 2016, 6, 30734.	1.6	14
93	Prolonged Atrium Electromechanical Interval Is Associated with Stroke in Patients with Atrial Fibrillation After Catheter Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 375-380.	0.8	12
94	Latrunculin B modulates electrophysiological characteristics and arrhythmogenesis in pulmonary vein cardiomyocytes. <i>Clinical Science</i> , 2016, 130, 721-732.	1.8	12
95	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 & Clinical Outcomes</i> , 2022, 8, 588-595.	1.8	12
96	Klotho modulates electrical activity and calcium homeostasis in pulmonary vein cardiomyocytes via PI3K/Akt signalling. <i>Europace</i> , 2020, 22, 1132-1141.	0.7	11
97	Comparison of Cooled Tip Versus 4mm Tip Catheter in the Efficacy of Acute Ablative Tissue Injury During Circumferential Pulmonary Vein Isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 1113-1118.	0.8	10
98	Selective and non-selective non-steroidal anti-inflammatory drugs differentially regulate pulmonary vein and atrial arrhythmogenesis. <i>International Journal of Cardiology</i> , 2015, 184, 559-567.	0.8	10
99	Atrial Tachycardias After Atrial Fibrillation Ablation: How to Manage?. <i>Arrhythmia and Electrophysiology Review</i> , 2020, 9, 54-60.	1.3	10
100	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> , 2019, 30, 487-492.	0.8	9
101	Galectin-3 enhances atrial remodelling and arrhythmogenesis through CD98 signalling. <i>Acta Physiologica</i> , 2022, 234, e13784.	1.8	9
102	Impact of aortic encroachment to left atrium on non-pulmonary vein triggers of atrial fibrillation. <i>International Journal of Cardiology</i> , 2017, 227, 650-655.	0.8	8
103	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> , 2017, 47, 282.	0.7	8
104	Arginine vasopressin modulates electrical activity and calcium homeostasis in pulmonary vein cardiomyocytes. <i>Journal of Biomedical Science</i> , 2019, 26, 71.	2.6	8
105	A novel noninvasive surface ECG analysis using interlead QRS dispersion in arrhythmogenic right ventricular cardiomyopathy. <i>PLoS ONE</i> , 2017, 12, e0182364.	1.1	8
106	Association of Single Nucleotide Polymorphisms with Atrial Fibrillation and the Outcome after Catheter Ablation. <i>Acta Cardiologica Sinica</i> , 2016, 32, 523-531.	0.1	8
107	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> , 2015, 10, e0140167.	1.1	7
108	Characteristics of diurnal ventricular premature complex variation in right ventricular outflow tract arrhythmias after catheter ablation. <i>Medicine (United States)</i> , 2017, 96, e6516.	0.4	7

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109	Angiotensin 1 β modulates electrophysiological characteristics and calcium homeostasis in pulmonary veins cardiomyocytes via $\text{MAS}/\text{PI}3\text{K}/\text{eNOS}$ signalling pathway. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12854.	1.7	7
110	Early detection of electromechanical dysfunction in patients with idiopathic premature ventricular contractions. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 637-645.	0.5	7
111	Ceramide modulates electrophysiological characteristics and oxidative stress of pulmonary vein cardiomyocytes. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13690.	1.7	7
112	Cariporide (HOE642) attenuates lactic acidosis induced pulmonary vein arrhythmogenesis. <i>Life Sciences</i> , 2009, 85, 19-25.	2.0	6
113	Unipolar Peak Δ 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> , 2014, 25, 1343-1349.	0.8	6
114	The Accuracy and Clinical Applicability of a Sensor Based Electromagnetic Non-fluoroscopic Catheter Tracking System. <i>Korean Circulation Journal</i> , 2019, 49, 84.	0.7	6
115	Levosimendan differentially modulates electrophysiological activities of sinoatrial nodes, pulmonary veins, and the left and right atria. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1150-1158.	0.8	5
116	Recommendations on stroke prevention for patients having a CHA ₂ DS ₂ -VASc score of 1 (males) or 2 (females) in 2019 atrial fibrillation guidelines. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 427-428.	2.3	5
117	Stroke and Bleeding Risk Assessment in Atrial Fibrillation: Where Are We Now?. <i>Korean Circulation Journal</i> , 2021, 51, 668.	0.7	5
118	The decrease in peak atrial longitudinal strain in patients with atrial fibrillation as a practical parameter for stroke risk stratification. <i>Heart Rhythm</i> , 2021, 18, 538-544.	0.3	5
119	Optimal Management of Anticoagulation Therapy in Asian Patients With Atrial Fibrillation. <i>Circulation Journal</i> , 2021, 85, 1245-1253.	0.7	5
120	Outcome of rescue ablation in patients with refractory ventricular electrical storm requiring mechanical circulation support. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 9-17.	0.8	4
121	Stroke in Atrial Fibrillation – Long-term Follow-up of Cardiovascular Events. <i>Arrhythmia and Electrophysiology Review</i> , 2013, 2, 105.	1.3	4
122	Catheter Ablation of Ventricular Tachycardia in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Korean Circulation Journal</i> , 2018, 48, 890.	0.7	3
123	Electrophysiological and clinical characteristics of catheter ablation for isolated left side atrial tachycardia over a 10 Δ year period. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1013-1025.	0.8	3
124	Effects of ANP on pulmonary vein electrophysiology, Ca^{2+} homeostasis and adrenergic arrhythmogenesis via PKA. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 247-254.	0.9	3
125	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> , 2020, 17, 584-591.	0.3	3
126	Mechanoelectrical feedback in pulmonary vein arrhythmogenesis: Clinical challenges and therapeutic opportunities. <i>Journal of Arrhythmia</i> , 2020, 36, 608-614.	0.5	3

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127	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> , 2021, 28, 10931-10939.	2.7	3
128	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> , 2022, 15, CIRCEP121010424.	2.1	3
129	Modified Taiwan Atrial Fibrillation Score for the Prediction of Incident Atrial Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 805399.	1.1	3
130	Efficacy of Patient-Specific Strategy: Catheter Ablation Strategy of Persistent Atrial Fibrillation Based on Morphological Repetitiveness by Periodicity and Similarity. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009719.	2.1	2
131	Vascular endothelial growth factor modulates pulmonary vein arrhythmogenesis via vascular endothelial growth factor receptor 1/NOS pathway. <i>European Journal of Pharmacology</i> , 2021, 911, 174547.	1.7	2
132	Left Ventricular Electromechanical Remodeling Detected by Acoustic Cardiography in Paroxysmal Atrial Fibrillation. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 348-354.	1.1	1
133	Experiences With Internet Triage of 9498 Outpatients Daily at the Largest Public Hospital in Taiwan During the COVID-19 Pandemic: Observational Study. <i>JMIR Medical Informatics</i> , 2021, 9, e20994.	1.3	1
134	Å. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1594-1596.	0.8	0
135	Can Genetic Risk Scoring Predict Atrial Fibrillation Ablation Outcomes?. <i>Korean Circulation Journal</i> , 2019, 49, 350.	0.7	0
136	A novel mapping technique to identify focal nonsustained atrial tachycardia: A case report of self-reference mapping technique. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 618-619.	0.8	0
137	Effects of phosphodiesterase-1 inhibitor on pulmonary vein electrophysiology and arrhythmogenesis. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13585.	1.7	0
138	Application of Ensite LiveView function for identification of scar-related ventricular tachycardia isthmus. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, , .	0.8	0
139	Dynamic changes in signal-averaged P wave after catheter ablation of atrial fibrillation. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 549-553.	0.6	0