

# Chih-Min Liu

## List of Publications by Year in descending order

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42  
papers

275  
citations

1162367

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h-index

1058022

14  
g-index

42  
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42  
docs citations

42  
times ranked

380  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deep Learning-Enabled Electrocardiogram Model for the Identification of a Rare Inherited Arrhythmia: Brugada Syndrome. Canadian Journal of Cardiology, 2022, 38, 152-159.	0.8	21
2	Non-vitamin K antagonist oral anticoagulants in atrial fibrillation patients with advanced chronic kidney and liver diseases. European Heart Journal Supplements, 2022, 24, A11-A18.	0.0	2
3	Application of EnSite LiveView function for identification of scar-related ventricular tachycardia isthmus. Journal of Cardiovascular Electrophysiology, 2022, , .	0.8	0
4	Low voltage zones detected by omnipolar Vmax map accurately identifies the potential atrial substrate and predicts the AF ablation outcome after PV isolation. International Journal of Cardiology, 2022, 351, 42-47.	0.8	4
5	Long-term mortality and cardiovascular outcomes in patients with atrial flutter after catheter ablation. Europace, 2022, 24, 970-978.	0.7	7
6	Application of dynamic display technology to identify gaps after pulmonary vein isolation in catheter ablation of atrial fibrillation. Journal of Cardiology, 2022, , .	0.8	0
7	Dynamic changes in signal-averaged P wave after catheter ablation of atrial fibrillation. Journal of the Chinese Medical Association, 2022, 85, 549-553.	0.6	0
8	A High-Precision Deep Learning Algorithm to Localize Idiopathic Ventricular Arrhythmias. Journal of Personalized Medicine, 2022, 12, 764.	1.1	3
9	Fibroblasts Drive Metabolic Reprogramming in Pacemaker Cardiomyocytes. Circulation Research, 2022, 131, 6-20.	2.0	13
10	Sinus Node Dysfunction after Successful Atrial Flutter Ablation during Follow-Up: Clinical Characteristics and Predictors. Journal of Clinical Medicine, 2022, 11, 3212.	1.0	0
11	Catheter ablation of complex atrial tachyarrhythmias in adult patients with cor triatriatum. Journal of Interventional Cardiac Electrophysiology, 2021, 62, 277-283.	0.6	2
12	Spatiotemporal differences in precordial electrocardiographic amplitude before and after flecainide provocation are associated with a history of unstable ventricular arrhythmia in Brugada syndrome. Journal of Cardiovascular Electrophysiology, 2021, 32, 758-765.	0.8	0
13	Clinical significance of J waves with respect to substrate characteristics and ablation outcomes in patients with arrhythmogenic right ventricular cardiomyopathy. Europace, 2021, 23, 1418-1427.	0.7	3
14	The isthmus characteristics of scar-related macroreentrant atrial tachycardia in patients with and without cardiac surgery. Journal of Cardiovascular Electrophysiology, 2021, 32, 1921-1930.	0.8	5
15	Efficacy of Patient-Specific Strategy: Catheter Ablation Strategy of Persistent Atrial Fibrillation Based on Morphological Repetitiveness by Periodicity and Similarity. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009719.	2.1	2
16	Case series on stereotactic body radiation therapy in non-ischemic cardiomyopathy patients with recurrent ventricular tachycardia. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 1085-1093.	0.5	7
17	Optimal substrate modification strategies using catheter ablation in patients with persistent atrial fibrillation: 3-year follow-up outcomes. Journal of Cardiovascular Electrophysiology, 2021, 32, 1561-1571.	0.8	3
18	Effects of phosphodiesterase-1 inhibitor on pulmonary vein electrophysiology and arrhythmogenesis. European Journal of Clinical Investigation, 2021, 51, e13585.	1.7	0

#	ARTICLE	IF	CITATIONS
19	Enhanced detection of cardiac arrhythmias utilizing 14-day continuous ECG patch monitoring. <i>International Journal of Cardiology</i> , 2021, 332, 78-84.	0.8	25
20	Deep Sedation with Intravenous Anesthesia Is Associated with Outcome in Patients Undergoing Cryoablation for Paroxysmal Atrial Fibrillation. <i>International Heart Journal</i> , 2021, 62, 779-785.	0.5	2
21	Comparison of lesion characteristics between conventional and high-power short-duration ablation using contact force-sensing catheter in patients with paroxysmal atrial fibrillation. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 387.	0.7	5
22	The impact of height on recurrence after index catheter ablation of paroxysmal atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, , 1.	0.6	0
23	Prediction of Recurrent Atrial Tachyarrhythmia After Receiving Atrial Flutter Ablation in Patients With Prior Cardiac Surgery for Valvular Heart Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 741377.	1.1	2
24	Arrhythmogenic right ventricular cardiomyopathy: diverse substrate characteristics and ablation outcome. <i>Reviews in Cardiovascular Medicine</i> , 2021, 22, 1295.	0.5	3
25	Dynamic unipolar voltage criteria of right ventricular septum for identifying left ventricular septal scar. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 57, 353-359.	0.6	0
26	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
27	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
28	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
29	The application of novel segmentation software to create left atrial geometry for atrial fibrillation ablation: The implication of spatial resolution. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 830-837.	0.6	2
30	Concurrent increases in post-pacing action potential duration and contractility predict occurrence of ventricular arrhythmia. <i>Pflügers Archiv European Journal of Physiology</i> , 2020, 472, 1783-1791.	1.3	5
31	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
32	The presence of ectopic atrial rhythm predicts adverse cardiovascular outcomes in a large hospital-based population. <i>Heart Rhythm</i> , 2020, 17, 967-974.	0.3	3
33	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
34	The AMP-activated protein kinase modulates hypothermia-induced J wave. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13247.	1.7	3
35	Precordial T-Wave Inversions in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy Who Present with the Initial Features of Right Ventricular Outflow Tract Arrhythmia. <i>Acta Cardiologica Sinica</i> , 2020, 36, 464-474.	0.1	0
36	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

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37	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
38	Electrophysiological and clinical characteristics of catheter ablation for isolated left side atrial tachycardia over a 10-year period. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1013-1025.	0.8	3
39	Clinical significance of J wave in prediction of ventricular arrhythmia in patients with acute myocardial infarction. <i>Journal of Cardiology</i> , 2019, 73, 351-357.	0.8	4
40	Bleeding and New-Onset Cancers in Patients With Atrial Fibrillation Receiving Nonvitamin K Antagonist Oral Anticoagulants. <i>American Journal of Cardiology</i> , 2019, 123, 782-786.	0.7	5
41	Intermediate Pause at Daytime Is Associated With Increased Cardiovascular Risk and Mortality: An 8-Year Cohort Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	3
42	High-resolution mapping of pulmonary vein potentials improved the successful pulmonary vein isolation using small electrodes and inter-electrode spacing catheter. <i>International Journal of Cardiology</i> , 2018, 272, 90-96.	0.8	16