

# Chih-Min Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

275  
citations

1163117  
8  
h-index

1058476  
14  
g-index

42  
all docs

42  
docs citations

42  
times ranked

380  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	27
2	Identification of critical isthmus using coherent mapping in patients with scar-related atrial tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1436-1447.	1.7	26
3	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
4	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.	4.8	24
5	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.	1.7	22
6	A Deep Learning-Enabled Electrocardiogram Model for the Identification of a Rare Inherited Arrhythmia: Brugada Syndrome. <i>Canadian Journal of Cardiology</i> , 2022, 38, 152-159.	1.7	21
7	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.	1.7	16
8	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.	1.7	16
9	Fibroblasts Drive Metabolic Reprogramming in Pacemaker Cardiomyocytes. <i>Circulation Research</i> , 2022, 131, 6-20.	4.5	13
10	Case series on stereotactic body radiation therapy in non-ischemic cardiomyopathy patients with recurrent ventricular tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1085-1093.	1.2	7
11	Long-term mortality and cardiovascular outcomes in patients with atrial flutter after catheter ablation. <i>Europace</i> , 2022, 24, 970-978.	1.7	7
12	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.	1.6	5
13	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.	2.8	5
14	The isthmus characteristics of scar-related macroreentrant atrial tachycardia in patients with and without cardiac surgery. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1921-1930.	1.7	5
15	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.	1.7	5
16	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.	1.9	4
17	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.	1.7	4
18	Low voltage zones detected by omnipolar Vmax map accurately identifies the potential atrial substrate and predicts the AF ablation outcome after PV isolation. <i>International Journal of Cardiology</i> , 2022, 351, 42-47.	1.7	4

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19	Intermediate Pause at Daytime Is Associated With Increased Cardiovascular Risk and Mortality: An 8â€¢Year Cohort Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	3
20	Electrophysiological and clinical characteristics of catheter ablation for isolated left side atrial tachycardia over a 10â€¢year period. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1013-1025.	1.7	3
21	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.	0.7	3
22	The presence of ectopic atrial rhythm predicts adverse cardiovascular outcomes in a large hospital-based population. <i>Heart Rhythm</i> , 2020, 17, 967-974.	0.7	3
23	The AMPâ€¢activated protein kinase modulates hypothermiaâ€¢induced J wave. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13247.	3.4	3
24	Clinical significance of J waves with respect to substrate characteristics and ablation outcomes in patients with arrhythmogenic right ventricular cardiomyopathy. <i>Europace</i> , 2021, 23, 1418-1427.	1.7	3
25	Optimal substrate modification strategies using catheter ablation in patients with persistent atrial fibrillation: 3â€¢year followâ€¢up outcomes. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1561-1571.	1.7	3
26	Arrhythmogenic right ventricular cardiomyopathy: diverse substrate characteristics and ablation outcome. <i>Reviews in Cardiovascular Medicine</i> , 2021, 22, 1295.	1.4	3
27	A High-Precision Deep Learning Algorithm to Localize Idiopathic Ventricular Arrhythmias. <i>Journal of Personalized Medicine</i> , 2022, 12, 764.	2.5	3
28	Catheter ablation of complex atrial tachyarrhythmias in adult patients with cor triatriatum. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 62, 277-283.	1.3	2
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.	1.4	2
30	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.	4.8	2
31	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.	1.0	2
32	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.	2.4	2
33	Non-vitamin K antagonist oral anticoagulants in atrial fibrillation patients with advanced chronic kidney and liver diseases. <i>European Heart Journal Supplements</i> , 2022, 24, A11-A18.	0.1	2
34	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.	1.3	0
35	Spatiotemporal differences in precordial electrocardiographic amplitude before and after flecainide provocation are associated with a history of unstable ventricular arrhythmia in Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 758-765.	1.7	0
36	Effects of phosphodiesteraseâ€¢1 inhibitor on pulmonary vein electrophysiology and arrhythmogenesis. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13585.	3.4	0

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37	The impact of height on recurrence after index catheter ablation of paroxysmal atrial fibrillation. Journal of Interventional Cardiac Electrophysiology, 2021, , 1.	1.3	0
38	Precordial T-Wave Inversions in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy Who Present with the Initial Features of Right Ventricular Outflow Tract Arrhythmia. Acta Cardiologica Sinica, 2020, 36, 464-474.	0.2	0
39	Application of Ensite's LiveView function for identification of scar-related ventricular tachycardia isthmus. Journal of Cardiovascular Electrophysiology, 2022, , .	1.7	0
40	Application of dynamic display technology to identify gaps after pulmonary vein isolation in catheter ablation of atrial fibrillation. Journal of Cardiology, 2022, , .	1.9	0
41	Dynamic changes in signal-averaged P wave after catheter ablation of atrial fibrillation. Journal of the Chinese Medical Association, 2022, 85, 549-553.	1.4	0
42	Sinus Node Dysfunction after Successful Atrial Flutter Ablation during Follow-Up: Clinical Characteristics and Predictors. Journal of Clinical Medicine, 2022, 11, 3212.	2.4	0