

# Minglong Chen, Fhrs

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,728  
citations

535685

17  
h-index

325983

40  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Isolation of Left Atrium Surrounding the Pulmonary Veins. <i>Circulation</i> , 2004, 110, 2090-2096.	1.6	752
2	Catheter Ablation of Nonparoxysmal Atrial Fibrillation Using Electrophysiologically Guided Substrate Modification During Sinus Rhythm After Pulmonary Vein Isolation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e003382.	2.1	144
3	STABLE-SR (Electrophysiological Substrate Ablation in the Left Atrium During Sinus Rhythm) for the Treatment of Nonparoxysmal Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	119
4	Comparison of left atrial electrophysiologic abnormalities during sinus rhythm in patients with different type of atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2014, 39, 57-67.	0.6	61
5	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
6	The efficacy of left bundle branch area pacing compared with biventricular pacing in patients with heart failure:AAAmatched caseâ€“control study. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2068-2077.	0.8	60
7	Graphene Sheet-Induced Global Maturation of Cardiomyocytes Derived from Human Induced Pluripotent Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25929-25940.	4.0	48
8	Non-contact mapping and linear ablation of the left posterior fascicle during sinus rhythm in the treatment of idiopathic left ventricular tachycardia. <i>Europace</i> , 2005, 7, 138-144.	0.7	43
9	Magnetic versus manual catheter navigation for mapping and ablation of right ventricular outflow tract ventricular arrhythmias: A randomized controlled study. <i>Heart Rhythm</i> , 2013, 10, 1178-1183.	0.3	42
10	Randomized Comparison Between Pulmonary Vein Antral Isolation versus Complex Fractionated Electrogram Ablation for Paroxysmal Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 973-981.	0.8	28
11	Down-regulation of ATBF1 activates STAT3 signaling via PIAS3 in pacing-induced HL-1 atrial myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 278-283.	1.0	28
12	Binary Colloidal Crystals Drive Spheroid Formation and Accelerate Maturation of Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 3679-3689.	4.0	25
13	Tachycardiomyopathy Complicated by Focal Atrial Tachycardia: Incidence, Risk Factors, and Longâ€“Term Outcome. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 953-957.	0.8	24
14	Noncontact mapping to guide ablation of right ventricular outflow tract arrhythmias. <i>Heart Rhythm</i> , 2013, 10, 1895-1902.	0.3	22
15	Idiopathic Accelerated Idioventricular Rhythm or Ventricular Tachycardia Originating From the Right Bundle Branch. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1159-1167.	2.1	20
16	A novel method to identify the origin of ventricular tachycardia from the left fascicular system. <i>Heart Rhythm</i> , 2016, 13, 686-694.	0.3	20
17	Particulate matter 2.5 induced arrhythmogenesis mediated by TRPC3 in human induced pluripotent stem cell-derived cardiomyocytes. <i>Archives of Toxicology</i> , 2019, 93, 1009-1020.	1.9	20
18	Rapid Electrical Stimulation Increased Cardiac Apoptosis Through Disturbance of Calcium Homeostasis and Mitochondrial Dysfunction in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1167-1180.	1.1	16

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19	Long-term Outcome Following Ablation of Atrial Tachycardias Occurring after Mitral Valve Replacement in Patients with Rheumatic Heart Disease. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 795-802.	0.5	15
20	Localized Reentry as a Novel Type of the Proarrhythmic Effects of Linear Ablation in the Left Atrium. PACE - Pacing and Clinical Electrophysiology, 2011, 34, 919-926.	0.5	13
21	Causal effects of plasma lipids on the risk of atrial fibrillation: A multivariable mendelian randomization study. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1569-1578.	1.1	13
22	Electrophysiologic effects and outcomes of sympatholysis in patients with recurrent ventricular arrhythmia and structural heart disease. Journal of Cardiovascular Electrophysiology, 2019, 30, 1499-1507.	0.8	11
23	Role of sST2 in predicting recurrence of atrial fibrillation after radiofrequency catheter ablation. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 1235-1241.	0.5	11
24	Comparison of the Location of Slow Conduction Velocity in Cavotricuspid-Dependent Atrial Flutter in Patients With and Without Prior Atriotomy: Different Arrhythmogenic Basis and Clinical Implications for Placement of Atriotomy. Journal of Cardiovascular Electrophysiology, 2012, 23, 988-995.	0.8	10
25	Structural and electrophysiological dysfunctions due to increased endoplasmic reticulum stress in a long-term pacing model using human induced pluripotent stem cell-derived ventricular cardiomyocytes. Stem Cell Research and Therapy, 2017, 8, 109.	2.4	10
26	Using ensemble of ensemble machine learning methods to predict outcomes of cardiac resynchronization. Journal of Cardiovascular Electrophysiology, 2021, 32, 2504-2514.	0.8	10
27	Substrate characteristics and ablation outcome of left atrial tachycardia in rheumatic mitral valve disease. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 924-931.	0.5	9
28	An alternative under-valve approach to ablate right-sided accessory pathways. Heart Rhythm, 2019, 16, 51-56.	0.3	9
29	Familial atrial myopathy in a large multigenerational heart-hand syndrome pedigree carrying an LMNA missense variant in rod 2B domain (p.R335W). Heart Rhythm, 2022, 19, 466-475.	0.3	9
30	Non-contact mapping-guided ablation of ventricular arrhythmias originating from the pulmonary artery. Europace, 2016, 18, 281-287.	0.7	8
31	An Open-Access Arrhythmia Database of Wearable Electrocardiogram. Journal of Medical and Biological Engineering, 2020, 40, 564-574.	1.0	8
32	Narrow QRS Tachycardia with Ventriculoatrial Dissociation Mediated by a Left Fasciculoventricular Fiber. Journal of Interventional Cardiac Electrophysiology, 2005, 13, 151-157.	0.6	6
33	Pathogenesis and drug response of iPSC-derived cardiomyocytes from two Brugada syndrome patients with different Na <sup>v</sup> 1.5-subunit mutations. Journal of Biomedical Research, 2021, 35, 395.	0.7	6
34	What factors lead to the acceleration of ventricular tachycardia during antitachycardia pacing? Results from over 1000 episodes. Journal of Arrhythmia, 2018, 34, 36-45.	0.5	5
35	Catheter ablation of ventricular tachycardia originating from the diverticulum of the right ventricular outflow tract. Europace, 2011, 13, 1047-1050.	0.7	4
36	Atrial remodeling and metabolic dysfunction in idiopathic isolated fibrotic atrial cardiomyopathy. International Journal of Cardiology, 2018, 265, 155-161.	0.8	4

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37	Nonatrial Fibrillation Patients With Complete P Wave Disappearance. <i>Stroke</i> , 2021, 52, 1074-1078.	1.0	4
38	Genetic findings in patients with primary fibrotic atrial cardiomyopathy. <i>European Journal of Medical Genetics</i> , 2022, 65, 104429.	0.7	4
39	Assessing causality in associations of lipid levels with aortic valve stenosis. <i>European Heart Journal</i> , 2020, 41, 2713-2713.	1.0	3
40	A comparative study of pericardial effusion and pleural effusion after cryoballoon ablation or radiofrequency catheter ablation of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1062-1067.	0.8	3
41	Circumferential pulmonary vein antrum ablation for the treatment of paroxysmal atrial fibrillation: A randomized controlled trial. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 280-288.	0.5	2
42	Flutter Wave Morphology of Peri-Mitral Atrial Flutters Is Mainly Determined by Right Atrial Activation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008446.	2.1	2
43	The clinical and electrophysiological characteristics of nonsustained repetitive monomorphic ventricular tachycardia from the left Hisâ€Purkinje system. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1149-1155.	0.5	2
44	Surgical ablation supplemented by ethanol injection for ventricular tachycardia refractory to percutaneous ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2462-2470.	0.8	2
45	Catheter ablation of atrial tachycardia originated from the left atrial epicardium. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 1303-1305.	0.5	2
46	Arrhythmogenesis of surgical atrial incisions and lesions in Maze procedure: insights from high-resolution mapping of atrial tachycardias. <i>Europace</i> , 2023, 25, 137-145.	0.7	2
47	Efficacy of sole pulmonary vein isolation in patients with nonparoxysmal atrial fibrillation without significant left atrium scar. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1356-1361.	0.5	1
48	The influence of cryoballoon manipulation on luminal esophageal temperature during ablation for atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1169-1174.	0.5	1
49	Spontaneously alternating narrowâ€wide narrow QRS complex tachycardias: What is the mechanism?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 722-724.	0.5	1
50	Atrial electromechanical delay assessment in early phase after catheter ablation for patients with atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 327-332.	0.5	1
51	Contactâ€versus noncontactâ€guided ablation of the right ventricular outflow tract arrhythmias: A propensity score matched analysis. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 822-827.	0.5	1
52	Catheter ablation of atrial fibrillation: When turn to the right atrium?. <i>Journal of Arrhythmia</i> , 2020, 36, 82-83.	0.5	1
53	ECG Predictors for New-Onset Atrial Fibrillation Within a Year After Radiofrequency Ablation of Counterclockwise-Rotating Atrial Flutter. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 739350.	1.1	1
54	Changes in Renal Function in Patients with Recurrence of Atrial Arrhythmia after an Initial Catheter Ablation. <i>International Journal of Clinical Practice</i> , 2022, 2022, 1-8.	0.8	1

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55	Longstanding persistent accelerated idioatrial rhythm: Benign sinus nodeâ€like rhythm or insidious rhythm?. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 885-892.	0.8	0
56	Construction of chamber-specific engineered cardiac tissues inÂvitro with human iPSC-derived cardiomyocytes and human foreskin fibroblasts. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 198-205.	1.1	0
57	Bachmann bundle impairment following linear ablation of left anterior wall: impact on left atrial function. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 41-50.	0.7	0
58	Strategy for Failed Transvenous Left-Ventricular Lead Placement in Cardiac Resynchronization Therapy: Surrender or Struggle?. <i>Cardiology</i> , 2022, 147, 47-56.	0.6	0