

# Pierre C Qian

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient and Robust Heart Rate Estimation Approach for Noisy Wearable PPG Sensors Using Ideal Representation Learning. , 2024, 6, 1-8.		0
2	Radiofrequency energy floats, and heat sinks: The effects of convective cooling on lesion formation. Journal of Cardiovascular Electrophysiology, 2023, 34, 1332-1333.	1.7	0
3	Substrate Modification Using Stereotactic Radioablation to Treat Refractory Ventricular Tachycardia in Patients With Ischemic Cardiomyopathy. JACC: Clinical Electrophysiology, 2022, 8, 49-58.	3.5	32
4	Cost of cardiac stereotactic body radioablation therapy versus catheter ablation for treatment of ventricular tachycardia. PACE - Pacing and Clinical Electrophysiology, 2022, 45, 1124-1131.	1.2	2
5	Advantages and challenges for noninvasive atrial fibrillation ablation. Journal of Interventional Cardiac Electrophysiology, 2021, 62, 319-327.	1.4	8
6	Optimizing Impedance Change Measurement During Radiofrequency Ablation Enables More Accurate Characterization of Lesion Formation. JACC: Clinical Electrophysiology, 2021, 7, 471-481.	3.5	5
7	Intracardiac Echocardiography to Guide Catheter Ablation of Ventricular Arrhythmias in Ischemic Cardiomyopathy. Cardiac Electrophysiology Clinics, 2021, 13, 285-292.	1.6	3
8	The Rapidly-Developing Area of Radiocardiology: Principles, Complications and Applications of Radiotherapy on the Heart. Canadian Journal of Cardiology, 2021, 37, 1818-1827.	1.7	9
9	Cardiac stereotactic body radiation therapy for ventricular tachycardia: Current experience and technical gaps. Journal of Cardiovascular Electrophysiology, 2021, 32, 2901-2914.	1.7	8
10	Remote magnetic navigation compared to contemporary manual techniques for the catheter ablation of ventricular arrhythmias in structural heart disease. Heliyon, 2021, 7, e08538.	3.3	3
11	Renal Artery Branch Denervation: Evaluation of Lesion Characteristics Using a Thermochromic Liquid Crystal Phantom Model. Heart Lung and Circulation, 2020, 29, 445-451.	0.4	5
12	Cardiac radiofrequency ablation tracking using electrical impedance tomography. Biomedical Physics and Engineering Express, 2020, 6, 015015.	1.2	4
13	The region-of-interest based measurement selection process for electrical impedance tomography in radiofrequency cardiac ablation with known anatomical information. Biomedical Signal Processing and Control, 2020, 56, 101706.	5.9	10
14	Electrical Impedance Tomography for monitoring cardiac radiofrequency ablation: a scoping review of an emerging technology. Medical Engineering and Physics, 2020, 84, 36-50.	1.8	16
15	A Maze-ing crisscross interval plot: what is the diagnosis?. Europace, 2020, 22, 1233-1233.	1.6	0
16	Arrhythmias and COVID-19. JACC: Clinical Electrophysiology, 2020, 6, 1193-1204.	3.5	131
17	Arrhythmia exacerbation after post-infarction ventricular tachycardia ablation: prevalence and prognostic significance. Europace, 2020, 22, 1680-1687.	1.6	3
18	Irrigated Microwave Catheter Ablation Can Create Deep Ventricular Lesions Through Epicardial Fat With Relative Sparing of Adjacent Coronary Arteries. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008251.	5.0	2

#	ARTICLE	IF	CITATIONS
19	Noninvasive stereotactic radioablation for the treatment of atrial fibrillation: First-man experience. <i>Journal of Arrhythmia</i> , 2020, 36, 67-74.	1.3	31
20	Frequency Content of Unipolar Electrograms May Predict Deep Intramural Excitable Substrate. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 760-769.	3.5	10
21	Recurrent ventricular tachycardia arising at the treatment borderzone after stereotactic radioablation in a patient with ischemic cardiomyopathy. <i>Europace</i> , 2020, 22, 1053-1053.	1.6	7
22	Non-invasive Stereotactic Radioablation: A New Option for the Treatment of Ventricular Arrhythmias. <i>Arrhythmia and Electrophysiology Review</i> , 2020, 8, 285-293.	2.1	12
23	Transvascular Pacing of Aorticorenal Ganglia Provides a Testable Procedural Endpoint for Renal Artery Denervation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1109-1120.	3.6	19
24	Self-weighted NOSER-prior electrical impedance tomography using internal electrodes in cardiac radiofrequency ablation. <i>Physiological Measurement</i> , 2019, 40, 065006.	2.2	6
25	Scar Anisotropy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007457.	5.0	0
26	Transcatheter microwave ablation can deliver deep and circumferential perivascular nerve injury without significant arterial injury to provide effective renal denervation. <i>Journal of Hypertension</i> , 2019, 37, 2083-2092.	0.5	8
27	Comparison of two different radiofrequency ablation systems for renal artery denervation: Evaluation of short-term and long-term follow up. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, E105-E111.	1.7	4
28	High-Sensitivity Troponin T and C-Reactive Protein Have Different Prognostic Values in Hemodialysis and Peritoneal Dialysis Populations: A Cohort Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.9	26
29	Early and long-term outcomes after manual and remote magnetic navigation-guided catheter ablation for ventricular tachycardia. <i>Europace</i> , 2018, 20, ii11-ii21.	1.6	19
30	Influence of BMI on inducible ventricular tachycardia and mortality in patients with myocardial infarction and left ventricular dysfunction: The obesity paradox. <i>International Journal of Cardiology</i> , 2018, 265, 148-154.	1.6	17
31	Five seconds of 50-60 W radio frequency atrial ablations were transmural and safe: an <i>in vitro</i> mechanistic assessment and force-controlled <i>in vivo</i> validation. <i>Europace</i> , 2017, 19, euw077.	1.6	115
32	Conduction recovery following catheter ablation in patients with recurrent atrial fibrillation and heart failure. <i>International Journal of Cardiology</i> , 2017, 240, 240-245.	1.6	9
33	Influence of Intramyocardial Adipose Tissue on the Accuracy of Endocardial Contact Mapping of the Chronic Myocardial Infarction Substrate. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	5.0	15
34	Transcatheter non-contact microwave ablation may enable circumferential renal artery denervation while sparing the vessel intima and media. <i>EuroIntervention</i> , 2017, 12, e1907-e1915.	3.4	9
35	Comparison of new-generation renal artery denervation systems: assessing lesion size and thermodynamics using a thermochromic liquid crystal phantom model. <i>EuroIntervention</i> , 2017, 13, 1242-1247.	3.4	9
36	Combined external and internal electrodes in EIT for deep changes: A simulation study. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
37	The effect of N-acetylcysteine on the incidence of contrast-induced kidney injury: A systematic review and trial sequential analysis. <i>International Journal of Cardiology</i> , 2016, 209, 319-327.	1.6	32
38	Circuit Impedance Could Be a Crucial Factor Influencing Radiofrequency Ablation Efficacy and Safety: A Myocardial Phantom Study of the Problem and Its Correction. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 351-357.	1.7	32
39	An Unusual Cause of Localised ST Elevation following Insertion of a Permanent Pacemaker. <i>Heart Lung and Circulation</i> , 2016, 25, e140-e142.	0.4	1
40	Periprocedural effects of statins on the incidence of contrast-induced acute kidney injury: A systematic review and trial sequential analysis. <i>International Journal of Cardiology</i> , 2016, 206, 143-152.	1.6	25
41	A Novel Microwave Catheter Can Perform Noncontact Circumferential Endocardial Ablation in a Model of Pulmonary Vein Isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 799-804.	1.7	16
42	Transcatheter Aortic Valve Implantation (TAVI) in Patients With Bicuspid Aortic Valve Stenosis â€œ Systematic Review and Meta-Analysis. <i>Heart Lung and Circulation</i> , 2015, 24, 649-659.	0.4	48
43	A patient with recurrent disabling atrial fibrillation and Fabry cardiomyopathy successfully treated with single ring pulmonary vein isolation. <i>International Journal of Cardiology</i> , 2015, 182, 375-376.	1.6	5
44	Clinical significance of early atrial arrhythmia type and timing after single ring isolation of the pulmonary veins. <i>Europace</i> , 2015, 17, 1038-1044.	1.6	29
45	Catheter ablation for atrial fibrillation in hypertrophic cardiomyopathy patients: a systematic review. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 44, 161-170.	1.4	17
46	Radiation therapy for ventricular arrhythmias. <i>Journal of Medical Imaging and Radiation Oncology</i> , 0, ..	1.9	0