

# Pierre C Qian

## List of Publications by Year in descending order

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papers

763  
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528359

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docs citations

46  
times ranked

1932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arrhythmias and COVID-19. JACC: Clinical Electrophysiology, 2020, 6, 1193-1204.	3.5	131
2	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. Europace, 2017, 19, euw077.	1.6	115
3	Transcatheter Aortic Valve Implantation (TAVI) in Patients With Bicuspid Aortic Valve Stenosis – Systematic Review and Meta-Analysis. Heart Lung and Circulation, 2015, 24, 649-659.	0.4	48
4	The effect of N-acetylcysteine on the incidence of contrast-induced kidney injury: A systematic review and trial sequential analysis. International Journal of Cardiology, 2016, 209, 319-327.	1.6	32
5	Circuit Impedance Could Be a Crucial Factor Influencing Radiofrequency Ablation Efficacy and Safety: A Myocardial Phantom Study of the Problem and Its Correction. Journal of Cardiovascular Electrophysiology, 2016, 27, 351-357.	1.7	32
6	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
7	Noninvasive stereotactic radioablation for the treatment of atrial fibrillation: First-in-man experience. Journal of Arrhythmia, 2020, 36, 67-74.	1.3	31
8	Clinical significance of early atrial arrhythmia type and timing after single ring isolation of the pulmonary veins. Europace, 2015, 17, 1038-1044.	1.6	29
9	High-sensitivity Troponin T and C-reactive Protein Have Different Prognostic Values in Hemodialysis and Peritoneal Dialysis Populations: A Cohort Study. Journal of the American Heart Association, 2018, 7, .	3.9	26
10	Periprocedural effects of statins on the incidence of contrast-induced acute kidney injury: A systematic review and trial sequential analysis. International Journal of Cardiology, 2016, 206, 143-152.	1.6	25
11	Early and long-term outcomes after manual and remote magnetic navigation-guided catheter ablation for ventricular tachycardia. Europace, 2018, 20, ii11-ii21.	1.6	19
12	Transvascular Pacing of Aorticorenal Ganglia Provides a Testable Procedural Endpoint for Renal Artery Denervation. JACC: Cardiovascular Interventions, 2019, 12, 1109-1120.	3.6	19
13	Catheter ablation for atrial fibrillation in hypertrophic cardiomyopathy patients: a systematic review. Journal of Interventional Cardiac Electrophysiology, 2015, 44, 161-170.	1.4	17
14	Influence of BMI on inducible ventricular tachycardia and mortality in patients with myocardial infarction and left ventricular dysfunction: The obesity paradox. International Journal of Cardiology, 2018, 265, 148-154.	1.6	17
15	A Novel Microwave Catheter Can Perform Noncontact Circumferential Endocardial Ablation in a Model of Pulmonary Vein Isolation. Journal of Cardiovascular Electrophysiology, 2015, 26, 799-804.	1.7	16
16	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
17	Influence of Intramyocardial Adipose Tissue on the Accuracy of Endocardial Contact Mapping of the Chronic Myocardial Infarction Substrate. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	5.0	15
18	Non-invasive Stereotactic Radioablation: A New Option for the Treatment of Ventricular Arrhythmias. Arrhythmia and Electrophysiology Review, 2020, 8, 285-293.	2.1	12

#	ARTICLE	IF	CITATIONS
19	The region-of-interest based measurement selection process for electrical impedance tomography in radiofrequency cardiac ablation with known anatomical information. <i>Biomedical Signal Processing and Control</i> , 2020, 56, 101706.	5.9	10
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	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
22	The Rapidly-Developing Area of Radiocardiology: Principles, Complications and Applications of Radiotherapy on the Heart. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1818-1827.	1.7	9
23	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
24	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
25	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
26	Advantages and challenges for noninvasive atrial fibrillation ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 62, 319-327.	1.4	8
27	Cardiac stereotactic body radiation therapy for ventricular tachycardia: Current experience and technical gaps. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2901-2914.	1.7	8
28	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
29	Self-weighted NOSER-prior electrical impedance tomography using internal electrodes in cardiac radiofrequency ablation. <i>Physiological Measurement</i> , 2019, 40, 065006.	2.2	6
30	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
31	Renal Artery Branch Denervation: Evaluation of Lesion Characteristics Using a Thermochromic Liquid Crystal Phantom Model. <i>Heart Lung and Circulation</i> , 2020, 29, 445-451.	0.4	5
32	Optimizing Impedance Change Measurement During Radiofrequency Ablation Enables More Accurate Characterization of Lesion Formation. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 471-481.	3.5	5
33	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
34	Cardiac radiofrequency ablation tracking using electrical impedance tomography. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 015015.	1.2	4
35	Arrhythmia exacerbation after post-infarction ventricular tachycardia ablation: prevalence and prognostic significance. <i>Europace</i> , 2020, 22, 1680-1687.	1.6	3
36	Intracardiac Echocardiography to Guide Catheter Ablation of Ventricular Arrhythmias in Ischemic Cardiomyopathy. <i>Cardiac Electrophysiology Clinics</i> , 2021, 13, 285-292.	1.6	3

#	ARTICLE	IF	CITATIONS
37	Remote magnetic navigation compared to contemporary manual techniques for the catheter ablation of ventricular arrhythmias in structural heart disease. <i>Heliyon</i> , 2021, 7, e08538.	3.3	3
38	Irrigated Microwave Catheter Ablation Can Create Deep Ventricular Lesions Through Epicardial Fat With Relative Sparing of Adjacent Coronary Arteries. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008251.	5.0	2
39	Cost of cardiac stereotactic body radioablation therapy versus catheter ablation for treatment of ventricular tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 1124-1131.	1.2	2
40	Combined external and internal electrodes in EIT for deep changes: A simulation study. , 2016, , .		1
41	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
42	Scar Anisotropy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007457.	5.0	0
43	A Maze-ing crisscross interval plot: what is the diagnosis?. <i>Europace</i> , 2020, 22, 1233-1233.	1.6	0
44	Radiofrequency energy floats, and heat sinks: The effects of convective cooling on lesion formation. <i>Journal of Cardiovascular Electrophysiology</i> , 2023, 34, 1332-1333.	1.7	0
45	Radiation therapy for ventricular arrhythmias. <i>Journal of Medical Imaging and Radiation Oncology</i> , 0, , .	1.9	0
46	Efficient and Robust Heart Rate Estimation Approach for Noisy Wearable PPG Sensors Using Ideal Representation Learning. , 2024, 6, 1-8.		0