

# Jim Pouliopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

883  
citations

516561

16  
h-index

501076

28  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular Magnetic Resonance for Rejection Surveillance After Cardiac Transplantation. <i>Circulation</i> , 2022, 145, 1811-1824.	1.6	26
2	Pluripotent stem cell-derived mesenchymal stromal cells improve cardiac function and vascularity after myocardial infarction. <i>Cytotherapy</i> , 2021, 23, 1074-1084.	0.3	16
3	Influence of Body Mass Index on Recurrence of Ventricular Arrhythmia, Mortality in Defibrillator Recipients With Ischaemic Cardiomyopathy. <i>Heart Lung and Circulation</i> , 2020, 29, 254-261.	0.2	3
4	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.	0.2	4
5	Renal Artery Denervation in Resistant Hypertension: The Good, The Bad and The Future. <i>Heart Lung and Circulation</i> , 2020, 29, 94-101.	0.2	12
6	Platelet-derived growth factor-AB improves scar mechanics and vascularity after myocardial infarction. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	37
7	Transvascular Pacing of Aorticorenal Ganglia Provides a Testable Procedural Endpoint for Renal Artery Denervation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1109-1120.	1.1	19
8	Analysis of recombinant adeno-associated viral vector shedding in sheep following intracoronary delivery. <i>Gene Therapy</i> , 2019, 26, 399-406.	2.3	7
9	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.	0.3	6
10	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.	0.7	3
11	Human Connexin40 Mutations Slow Conduction and Increase Propensity for Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2018, 27, 114-121.	0.2	12
12	Quantitative spectral assessment of intracardiac electrogram characteristics associated with post infarct fibrosis and ventricular tachycardia. <i>PLoS ONE</i> , 2018, 13, e0204997.	1.1	5
13	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.	0.8	17
14	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.	0.7	111
15	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, .	2.1	15
16	Ninety Seconds Could be the Optimal Duration for Ventricular Radiofrequency Ablation – Results From a Myocardial Phantom Model. <i>Heart Lung and Circulation</i> , 2017, 26, 219-225.	0.2	4
17	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.	1.4	8
18	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.	1.4	8

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19	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.	0.8	29
20	Role of adipose tissue in the pathogenesis of cardiac arrhythmias. <i>Heart Rhythm</i> , 2016, 13, 311-320.	0.3	83
21	Observations on Attenuation of Local Electrogram Amplitude and Circuit Impedance During Atrial Radiofrequency Ablation: An <i>In vivo</i> Investigation Using a Novel Direct Endocardial Visualization Catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1250-1256.	0.8	5
22	Acoustic Signal Emission Monitoring as a Novel Method to Predict Steam Pops During Radiofrequency Ablation: Preliminary Observations. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 440-447.	0.8	8
23	Perfusion redistribution after a pulmonary-embolism-like event with contrast enhanced EIT. <i>Physiological Measurement</i> , 2015, 36, 1297-1309.	1.2	23
24	Magnetic guidance versus manual control: comparison of radiofrequency lesion dimensions and evaluation of the effect of heart wall motion in a myocardial phantom. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 44, 1-8.	0.6	27
25	Electrical Impedance Tomography for assessing Ventilation/Perfusion mismatch for Pulmonary Embolism detection without interruptions in respiration. , 2014, 2014, 6068-71.		3
26	Electrogram-Gated Radiofrequency Ablations With Duty Cycle Power Delivery Negate Effects of Ablation Catheter Motion. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 920-928.	2.1	12
27	Spatial Characterization of Electrogram Morphology from Transmural Recordings in the Intact Normal Heart. <i>PLoS ONE</i> , 2014, 9, e110399.	1.1	5
28	Evaluation of lesion and thermodynamic characteristics of Symplicity and EnligHTN renal denervation systems in a phantom renal artery model. <i>EuroIntervention</i> , 2014, 10, 277-284.	1.4	28
29	Evolution of Ventricular Tachycardia and Its Electrophysiological Substrate Early After Myocardial Infarction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 1010-1017.	2.1	18
30	Primary Radiofrequency Ablation of Ventricular Tachycardia Early After Myocardial Infarction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 1215-1221.	2.1	5
31	High Spatial Resolution Thermal Mapping of Radiofrequency Ablation Lesions Using a Novel Thermochromic Liquid Crystal Myocardial Phantom. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1278-1286.	0.8	15
32	Intramycardial Adiposity After Myocardial Infarction. <i>Circulation</i> , 2013, 128, 2296-2308.	1.6	92
33	Novel use of NavX three-dimensional mapping to guide renal artery denervation. <i>EuroIntervention</i> , 2013, 9, 687-693.	1.4	5
34	<i>In Vivo</i> Evaluation of Virtual Electrode Mapping and Ablation Utilizing a Direct Endocardial Visualization Catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 88-95.	0.8	10
35	Evaluation of Noncontact Mapping by Comparison With Simultaneous Multisite Contact Recordings in Acute Ischemic Ventricular Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 334-339.	0.8	0
36	Bipolar Ablation of the Interventricular Septum is More Efficient at Creating a Transmural Line than Sequential Unipolar Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010, 33, 16-26.	0.5	59

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37	Revised non-contact mapping of ventricular scar in a post-infarct ovine model with validation using contact mapping and histology. <i>Europace</i> , 2010, 12, 881-889.	0.7	10
38	Simultaneous Biventricular Noncontact Mapping and Ablation of Septal Ventricular Tachycardia in a Chronic Ovine Infarct Model. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 441-449.	2.1	13
39	Transmural Mapping of Myocardial Refractoriness and Endocardial Dispersion of Repolarization in an Ovine Model of Chronic Myocardial Infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2009, 32, 851-861.	0.5	5
40	Comparison of Electroanatomic Contact and Noncontact Mapping of Ventricular Scar in a Postinfarct Ovine Model With Intramural Needle Electrode Recording and Histological Validation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008, 1, 363-369.	2.1	22
41	Comparison of unipolar versus bipolar ablation and single electrode control versus simultaneous multielectrode temperature control. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2007, 19, 85-93.	0.6	5
42	Comparison of Radiofrequency Ablation in Normal Versus Scarred Myocardium. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 80-86.	0.8	15
43	Protection of the Coronary Arteries During Epicardial Radiofrequency Ablation with Intracoronary Chilled Saline Irrigation: Assessment in an In Vitro Model. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 544-549.	0.8	24
44	Automated Ventricular Substrate Mapping-Evaluation in an Ovine Chronic Myocardial Infarction Model. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005, 28, 1088-1097.	0.5	2
45	Effect of Inter-electrode Distance on Bipolar Intramural Radiofrequency Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005, 28, 514-520.	0.5	11
46	A Thermochromic Dispersive Electrode Can Measure the Underlying Skin Temperature and Prevent Burns During Radiofrequency Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 781-788.	0.8	12
47	Cooled Needle Catheter Ablation Creates Deeper and Wider Lesions Than Irrigated Tip Catheter Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 508-515.	0.8	23
48	A thermochromic liquid crystal equipped dispersive electrode can measure the underlying skin temperature and prevent burns during radiofrequency ablation. <i>Heart Rhythm</i> , 2005, 2, S239.	0.3	1