

# Jacob S Koruth

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86  
papers

2,307  
citations

27  
h-index

46  
g-index

93  
ext. papers

3,301  
ext. citations

4.7  
avg, IF

4.86  
L-index

#	Paper	IF	Citations
86	Pulsed Field Ablation: a New Paradigm for Catheter Ablation of Arrhythmias.. <i>Current Cardiology Reports</i> , <b>2022</b> , 24, 103	4.2	0
85	Increasing Lesion Dimensions of Bipolar Ablation by Modulating the Surface Area of the Return Electrode.. <i>JACC: Clinical Electrophysiology</i> , <b>2022</b> , 8, 498-510	4.6	
84	Intramural Needle Ablation for Refractory Premature Ventricular Contractions.. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2022</b> , 101161CIRCEP121010020	6.4	0
83	Barriers and financial impact of same-day discharge after atrial fibrillation ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2021</b> , 44, 711-719	1.6	5
82	Permanent His Bundle Pacing in Patients With Congenital Complete Heart Block: A Multicenter Experience. <i>JACC: Clinical Electrophysiology</i> , <b>2021</b> , 7, 522-529	4.6	3
81	Pulsed Field Ablation of Paroxysmal Atrial Fibrillation: 1-Year Outcomes of IMPULSE, PEFCAT, and PEFCAT II. <i>JACC: Clinical Electrophysiology</i> , <b>2021</b> , 7, 614-627	4.6	27
80	Assessment of Catheter Ablation or Antiarrhythmic Drugs for First-line Therapy of Atrial Fibrillation: A Meta-analysis of Randomized Clinical Trials. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 697-705	16.2	7
79	How does the level of pulmonary venous isolation compare between pulsed field ablation and thermal energy ablation (radiofrequency, cryo, or laser)?. <i>Europace</i> , <b>2021</b> , 23, 1757-1766	3.9	4
78	Does pulsed field ablation regress over time? A quantitative temporal analysis of pulmonary vein isolation. <i>Heart Rhythm</i> , <b>2021</b> , 18, 878-884	6.7	2
77	Atrial Fibrillation in Patients Hospitalized With COVID-19: Incidence, Predictors, Outcomes, and Comparison to Influenza. <i>JACC: Clinical Electrophysiology</i> , <b>2021</b> , 7, 1120-1130	4.6	24
76	Occurrence of Permanent His Bundle Injury During Physiological Pacing. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 1021-1023	4.6	2
75	Lattice-Tip Focal Ablation Catheter That Toggles Between Radiofrequency and Pulsed Field Energy to Treat Atrial Fibrillation: A First-in-Human Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008718	6.4	34
74	Focal Pulsed Field Ablation for Pulmonary Vein Isolation and Linear Atrial Lesions: A Preclinical Assessment of Safety and Durability. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008716	6.4	9
73	Ostial dimensional changes after pulmonary vein isolation: Pulsed field ablation vs radiofrequency ablation. <i>Heart Rhythm</i> , <b>2020</b> , 17, 1528-1535	6.7	7
72	Follow-up imaging after left atrial appendage closure. <i>Heart Rhythm</i> , <b>2020</b> , 17, 1848-1855	6.7	0
71	Pulsed Field Ablation Versus Radiofrequency Ablation: Esophageal Injury in a Novel Porcine Model. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008303	6.4	33
70	Feasibility, safety, and durability of porcine atrial ablation using a lattice-tip temperature-controlled radiofrequency ablation catheter. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 1323-1331	2.7	1

69	Current Status of Esophageal Protection. <i>Cardiac Electrophysiology Clinics</i> , <b>2020</b> , 12, 247-257	1.4	0
68	His-Purkinje Conduction System Pacing Following Transcatheter Aortic Valve Replacement: Feasibility and Safety. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 649-657	4.6	24
67	Endocardial ventricular pulsed field ablation: a proof-of-concept preclinical evaluation. <i>Europace</i> , <b>2020</b> , 22, 434-439	3.9	27
66	The impact of mechanical oesophageal deviation on posterior wall pulmonary vein reconnection. <i>Europace</i> , <b>2020</b> , 22, 232-239	3.9	1
65	Malignant Arrhythmias in Patients With COVID-19: Incidence, Mechanisms, and Outcomes. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008920	6.4	32
64	Pulsed Field Ablation in Patients With Persistent Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1068-1080	15.1	38
63	Syncope and presyncope in patients with COVID-19. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2020</b> , 43, 1139-1148	1.6	13
62	Variable Presentations and Ablation Sites for Manifest Nodoventricular/Nodofascicular Fibers. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007337	6.4	7
61	Infusion Needle Radiofrequency Ablation For Treatment of Refractory Ventricular Arrhythmias. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1413-1425	15.1	51
60	Ablation of Unstable Ventricular Tachycardia and Ventricular Fibrillation <b>2019</b> , 543-563.e3		
59	Pulsed Field Ablation for Pulmonary Vein Isolation in Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 315-326	15.1	138
58	Case records from the 13th annual international symposium on ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 1663-1670	2.7	
57	Impact of Technique and Technology on Mitral Isthmus Ablation. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2019</b> , 21, 46	2.1	3
56	Novel Ablation Approaches for Challenging Atrial Fibrillation Cases (Mapping, Irrigation, and Catheters). <i>Cardiology Clinics</i> , <b>2019</b> , 37, 207-219	2.5	6
55	Preclinical Evaluation of Pulsed Field Ablation: Electrophysiological and Histological Assessment of Thoracic Vein Isolation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007781	6.4	34
54	Catheter Ablation of Atrial Fibrillation in Patients With Heart Failure: A Meta-analysis of Randomized Controlled Trials. <i>Annals of Internal Medicine</i> , <b>2019</b> , 170, 41-50	8	48
53	Mitral isthmus ablation: A hierarchical approach guided by electroanatomic correlation. <i>Heart Rhythm</i> , <b>2019</b> , 16, 632-637	6.7	6
52	Leadless pacemaker versus transvenous single-chamber pacemaker therapy: A propensity score-matched analysis. <i>Heart Rhythm</i> , <b>2018</b> , 15, 1387-1393	6.7	22

51 Renal Sympathetic Denervation **2018**, 1331-1336

50	Ablation of Atrial Fibrillation With Pulsed Electric Fields: An Ultra-Rapid, Tissue-Selective Modality for Cardiac Ablation. <i>JACC: Clinical Electrophysiology</i> , <b>2018</b> , 4, 987-995	4.6	81
49	Esophageal Deviation During Atrial Fibrillation Ablation: Clinical Experience With a Dedicated Esophageal Balloon Retractor. <i>JACC: Clinical Electrophysiology</i> , <b>2018</b> , 4, 1020-1030	4.6	26
48	Does Left Atrial Appendage Closure Reduce Mortality? A Vital Status Analysis of the Randomized PROTECT AF and PREVAIL Clinical Trials. <i>Journal of Atrial Fibrillation</i> , <b>2018</b> , 11, 2119	0.8	1
47	Initial international multicenter human experience with a novel epicardial access needle embedded with a real-time pressure/frequency monitoring to facilitate epicardial access: Feasibility and safety. <i>Heart Rhythm</i> , <b>2017</b> , 14, 981-988	6.7	18
46	The relationship between oesophageal heating during left atrial posterior wall ablation and the durability of pulmonary vein isolation. <i>Europace</i> , <b>2017</b> , 19, 1664-1669	3.9	10
45	Subcutaneous Implantable Cardioverter-Defibrillator Implantation Without Defibrillation Testing. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 3118-3119	15.1	15
44	The Clinical Use of Ivabradine. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1777-1784	15.1	69
43	Chamber-Specific Radiofrequency Lesion Dimension Estimation Using Novel Catheter-Based Tissue Interface Temperature Sensing: A Preclinical Assessment. <i>JACC: Clinical Electrophysiology</i> , <b>2017</b> , 3, 1092-1102	4.6	13
42	Esophageal Damage During Epicardial Ventricular Tachycardia Ablation. <i>JACC: Clinical Electrophysiology</i> , <b>2017</b> , 3, 1470-1471	4.6	5
41	The Extent of Mechanical Esophageal Deviation to Avoid Esophageal Heating During Catheter Ablation of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , <b>2017</b> , 3, 1146-1154	4.6	21
40	Temperature-Controlled Radiofrequency Ablation for Pulmonary Vein Isolation in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 542-553	15.1	39
39	Catheter Ablation of Ventricular Tachycardia in Structural Heart Disease: Indications, Strategies, and Outcomes-Part II. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2924-2941	15.1	49
38	Catheter Ablation of Ventricular Tachycardia in Structurally Normal Hearts: Indications, Strategies, and Outcomes-Part I. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 2909-2923	15.1	29
37	Outcomes of Ventricular Tachycardia Ablation Using Percutaneous Left Ventricular Assist Devices. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2017</b> , 10,	6.4	32
36	Mechanical esophageal deviation: an approach for pulmonary vein reconnection attributed to esophageal heating. <i>Heart Rhythm Case Reports</i> , <b>2016</b> , 2, 190-192	1	
35	Chronic performance of a leadless cardiac pacemaker: 1-year follow-up of the LEADLESS trial. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 1497-504	15.1	82
34	Feasibility and efficacy of percutaneously delivered leadless cardiac pacing in an in vivo ovine model. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2015</b> , 26, 322-8	2.7	13

33	The Leadless Cardiac Pacemaker: Conductive Communication. <i>JACC: Clinical Electrophysiology</i> , <b>2015</b> , 1, 335-336	4.6	1
32	Pre-Clinical Investigation of a Low-Intensity Collimated Ultrasound System for Pulmonary Vein Isolation in a Porcine Model. <i>JACC: Clinical Electrophysiology</i> , <b>2015</b> , 1, 306-314	4.6	12
31	Percutaneous Retrieval of Implanted Leadless Pacemakers: Feasibility at 2.5 Years Post-Implantation in an In Vivo Ovine Model. <i>JACC: Clinical Electrophysiology</i> , <b>2015</b> , 1, 563-570	4.6	16
30	Atrioesophageal Fistula: A Review. <i>Journal of Atrial Fibrillation</i> , <b>2015</b> , 8, 1331	0.8	14
29	Multicenter study on acute and long-term safety and efficacy of percutaneous left atrial appendage closure using an epicardial suture snaring device. <i>Heart Rhythm</i> , <b>2014</b> , 11, 1853-9	6.7	68
28	Permanent leadless cardiac pacing: results of the LEADLESS trial. <i>Circulation</i> , <b>2014</b> , 129, 1466-71	16.7	192
27	Endovascular coil embolization of segmental arteries prevents paraplegia after subsequent thoracoabdominal aneurysm repair: an experimental model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 220-6	1.5	32
26	Bipolar radiofrequency catheter ablation for refractory ventricular outflow tract arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2014</b> , 25, 1093-9	2.7	55
25	Radiofrequency cardiac ablation with catheters placed on opposing sides of the ventricular wall: computer modelling comparing bipolar and unipolar modes. <i>International Journal of Hyperthermia</i> , <b>2014</b> , 30, 372-84	3.7	23
24	Renal sympathetic denervation using an electroanatomic mapping system. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1697	15.1	3
23	Esophageal heating is not limited to left atrial ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2014</b> , 7, 178-9	6.4	5
22	Adjunctive renal sympathetic denervation to modify hypertension as upstream therapy in the treatment of atrial fibrillation (H-FIB) study: clinical background and study design. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2013</b> , 24, 503-9	2.7	19
21	Catheter ablation of scar-related atypical atrial flutter. <i>Europace</i> , <b>2013</b> , 15, 414-9	3.9	52
20	Objective quality assessment of atrial fibrillation ablation: a novel scoring system. <i>Heart Rhythm</i> , <b>2013</b> , 10, 1074-9	6.7	5
19	Occurrence of steam pops during irrigated RF ablation: novel insights from microwave radiometry. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2013</b> , 24, 1271-7	2.7	15
18	Areas with complex fractionated atrial electrograms recorded after pulmonary vein isolation represent normal voltage and conduction velocity in sinus rhythm. <i>Europace</i> , <b>2013</b> , 15, 339-46	3.9	27
17	Percutaneous hemodynamic support with Impella 2.5 during scar-related ventricular tachycardia ablation (PERMIT 1). <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 151-9	6.4	75
16	How to perform ventricular tachycardia ablation with a percutaneous left ventricular assist device. <i>Heart Rhythm</i> , <b>2012</b> , 9, 1168-76	6.7	22

15	Bipolar irrigated radiofrequency ablation: a therapeutic option for refractory intramural atrial and ventricular tachycardia circuits. <i>Heart Rhythm</i> , <b>2012</b> , 9, 1932-41	6.7	138
14	Mechanical esophageal displacement during catheter ablation for atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2012</b> , 23, 147-54	2.7	70
13	Acute electrical isolation is a necessary but insufficient endpoint for achieving durable PV isolation: the importance of closing the visual gap. <i>Europace</i> , <b>2012</b> , 14, 653-60	3.9	58
12	Epicardial access for the treatment of cardiac arrhythmias. <i>Europace</i> , <b>2012</b> , 14 Suppl 2, ii13-ii18	3.9	12
11	Activation and entrainment mapping of hemodynamically unstable ventricular tachycardia using a percutaneous left ventricular assist device. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 1363-71	15.1	102
10	Impact of left atrial volume in prediction of outcome after cardiac resynchronization therapy. <i>International Journal of Cardiology</i> , <b>2011</b> , 152, 13-7	3.2	12
9	Safety and efficacy of high-intensity focused ultrasound atop coronary arteries during epicardial catheter ablation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2011</b> , 22, 1274-80	2.7	16
8	Accuracy of left atrial anatomical maps acquired with a multielectrode catheter during catheter ablation for atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2011</b> , 32, 45-51	2.4	17
7	Management of hemopericardium related to percutaneous epicardial access, mapping, and ablation. <i>Heart Rhythm</i> , <b>2011</b> , 8, 1652-7	6.7	14
6	Unusual complications of percutaneous epicardial access and epicardial mapping and ablation of cardiac arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2011</b> , 4, 882-8	6.4	67
5	Pacemaker tachycardia with changing rates. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2010</b> , 33, 1552-3.6		
4	Incidence and electrophysiologic properties of dissociated pulmonary vein activity following pulmonary vein isolation during catheter ablation of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2010</b> , 21, 1338-43	2.7	13
3	The relationship between electrogram cycle length and dominant frequency in patients with persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2009</b> , 20, 1336-42	2.7	18
2	Images in cardiovascular medicine. Transient constrictive pericarditis with videographic display of Kussmaul sign. <i>Circulation</i> , <b>2008</b> , 118, e683-7	16.7	2
1	Hereditary angioedema involving the colon: endoscopic appearance and review of GI manifestations. <i>Gastrointestinal Endoscopy</i> , <b>2005</b> , 61, 907-11	5.2	20