

Chirag R Barbhaiya

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,177
citations

279487

23
h-index

233125

45
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94
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94
docs citations

94
times ranked

3297
citing authors

#	ARTICLE	IF	CITATIONS
1	The QT interval in patients with COVID-19 treated with hydroxychloroquine and azithromycin. <i>Nature Medicine</i> , 2020, 26, 808-809.	15.2	279
2	QT interval prolongation and torsade de pointes in patients with COVID-19 treated with hydroxychloroquine/azithromycin. <i>Heart Rhythm</i> , 2020, 17, 1425-1433.	0.3	229
3	Ventricular Tachycardia in Cardiac Sarcoidosis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 87-93.	2.1	178
4	Esophageal Injury and Atrioesophageal Fistula Caused by Ablation for Atrial Fibrillation. <i>Circulation</i> , 2017, 136, 1247-1255.	1.6	163
5	Long-term outcomes after catheter ablation of ventricular tachycardia in patients with and without structural heart disease. <i>Heart Rhythm</i> , 2016, 13, 1957-1963.	0.3	118
6	Electrophysiologic assessment of conduction abnormalities and atrial arrhythmias associated with amyloid cardiomyopathy. <i>Heart Rhythm</i> , 2016, 13, 383-390.	0.3	106
7	Role of Alternative Interventional Procedures When Endo- and Epicardial Catheter Ablation Attempts for Ventricular Arrhythmias Fail. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 606-615.	2.1	87
8	“Needle-in-needle” epicardial access: Preliminary observations with a modified technique for facilitating epicardial interventional procedures. <i>Heart Rhythm</i> , 2015, 12, 1691-1697.	0.3	62
9	Global Survey of Esophageal and Gastric Injury in Atrial Fibrillation Ablation. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1377-1378.	1.2	62
10	Nonuniform Ca ²⁺ transients in arrhythmogenic Purkinje cells that survive in the infarcted canine heart. <i>Cardiovascular Research</i> , 2003, 57, 681-693.	1.8	60
11	T _{peak} – T _{end} and T _{peak} – T _{end} /QT Ratio as Markers of Ventricular Arrhythmia Risk in Cardiac Resynchronization Therapy Patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 103-108.	0.5	49
12	Esophageal temperature dynamics during high-power short-duration posterior wall ablation. <i>Heart Rhythm</i> , 2020, 17, 721-727.	0.3	45
13	Surgical cryoablation for ventricular tachyarrhythmia arising from the left ventricular outflow tract region. <i>Heart Rhythm</i> , 2015, 12, 1128-1136.	0.3	44
14	2APB- and JTV519(K201)-sensitive micro Ca ²⁺ waves in arrhythmogenic Purkinje cells that survive in infarcted canine heart. <i>Heart Rhythm</i> , 2004, 1, 218-226.	0.3	42
15	Feasibility, Efficacy, and Safety of Radiofrequency Ablation of Atrial Fibrillation Guided by Monitoring of the Initial Impedance Decrease as a Surrogate of Catheter Contact. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 390-396.	0.8	40
16	Impact of general anesthesia on initiation and stability of VT during catheter ablation. <i>Heart Rhythm</i> , 2015, 12, 2213-2220.	0.3	38
17	Global Survey of Esophageal Injury in Atrial Fibrillation Ablation. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 143-150.	1.3	37
18	Infarct Tissue Heterogeneity by Contrast-Enhanced Magnetic Resonance Imaging Is a Novel Predictor of Mortality in Patients With Chronic Coronary Artery Disease and Left Ventricular Dysfunction. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 887-894.	1.3	36

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19	Epicardial Radiofrequency Ablation Failure During Ablation Procedures for Ventricular Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1422-1432.	2.1	35
20	Overdrive Pacing From Downstream Sites on Multielectrode Catheters to Rapidly Detect Fusion and to Diagnose Macroreentrant Atrial Arrhythmias. <i>Circulation</i> , 2014, 129, 2503-2510.	1.6	34
21	Sites With Small Impedance Decrease During Catheter Ablation for Atrial Fibrillation Are Associated With Recovery of Pulmonary Vein Conduction. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 1390-1398.	0.8	33
22	Epicardial Phrenic Nerve Displacement During Catheter Ablation of Atrial and Ventricular Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 896-904.	2.1	32
23	Reentrant Ventricular Tachycardia Originating From the Periaortic Region in the Absence of Overt Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 99-106.	2.1	28
24	Avoiding tachycardia alteration or termination during attempted entrainment mapping of atrial tachycardia related to atrial fibrillation ablation. <i>Heart Rhythm</i> , 2015, 12, 32-35.	0.3	24
25	Rapid pacing and high-frequency jet ventilation additively improve catheter stability during atrial fibrillation ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1678-1686.	0.8	24
26	Correlates and Prognosis of Early Recurrence After Catheter Ablation for Ventricular Tachycardia due to Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 883-888.	2.1	19
27	Electrogram Analysis and Pacing Are Complimentary for Recognition of Abnormal Conduction and Far-Field Potentials During Substrate Mapping of Infarct-Related Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 874-881.	2.1	19
28	Better Lesion Creation And Assessment During Catheter Ablation. <i>Journal of Atrial Fibrillation</i> , 2015, 8, 1189.	0.5	19
29	Lesion Sequence and Catheter Spatial Stability Affect Lesion Quality Markers in Atrial Fibrillation Ablation. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 367-377.	1.3	17
30	Pacing Mediated Heart Rate Acceleration Improves Catheter Stability and Enhances Markers for Lesion Delivery in Human Atria During Atrial Fibrillation Ablation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 483-490.	1.3	16
31	Comparison of the Effect of Atrial Fibrillation Detection Algorithms in Patients With Cryptogenic Stroke Using Implantable Loop Recorders. <i>American Journal of Cardiology</i> , 2020, 129, 25-29.	0.7	13
32	Downstream overdrive pacing and intracardiac concealed fusion to guide rapid identification of atrial tachycardia after atrial fibrillation ablation. <i>Europace</i> , 2018, 20, 596-603.	0.7	12
33	Electrocardiographic Risk Stratification in COVID-19 Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 636073.	1.1	12
34	Subcutaneous versus transvenous implantable defibrillator in patients with hypertrophic cardiomyopathy. <i>Heart Rhythm</i> , 2022, 19, 759-767.	0.3	11
35	Better outcome of ablation for sustained outflow-tract ventricular tachycardia when tachycardia is inducible. <i>Europace</i> , 2015, 17, 1571.1-1579.	0.7	10
36	Recurrence of Atrial Arrhythmias Despite Persistent Pulmonary Vein Isolation After Catheter Ablation for Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 723-731.	1.3	10

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37	Determinants of Heparin Dosing and Complications in Patients Undergoing Left Atrial Ablation on Uninterrupted Rivaroxaban. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 183-190.	0.5	9
38	Factors predicting persistence of AV nodal block in post-TAVR patients following permanent pacemaker implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1347-1354.	0.5	8
39	The Timing and Frequency of Pulmonary Veins Unexcitability Relative to Completion of a Wide Area Circumferential Ablation Line for Pulmonary Vein Isolation. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 14-23.	1.3	7
40	Quantitative analysis of ablation technique predicts arrhythmia recurrence following atrial fibrillation ablation. <i>American Heart Journal</i> , 2020, 220, 176-183.	1.2	7
41	Rebooting atrial fibrillation ablation in the COVID-19 pandemic. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, , 1.	0.6	7
42	Multiple procedure outcomes for nonparoxysmal atrial fibrillation: Left atrial posterior wall isolation versus stepwise ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3117-3123.	0.8	6
43	Early ICD lead failure in defibrillator systems with multiple leads via cephalic access. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1462-1469.	0.8	6
44	Slow pathway modification for treatment of pseudo-pacemaker syndrome due to first-degree atrioventricular block with dual atrioventricular nodal physiology. <i>HeartRhythm Case Reports</i> , 2018, 4, 98-101.	0.2	5
45	Utilization of a Radiation Safety Time-Out Reduces Radiation Exposure During Electrophysiology Procedures. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 626-634.	1.3	5
46	Simultaneous pace-ablate during CARTO-guided pulmonary vein isolation with a contact-force sensing radiofrequency ablation catheter. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 54, 119-124.	0.6	5
47	Incidence of nonphysiologic short VV intervals detected by the sensing integrity counter with integrated bipolar compared with true bipolar leads: clinically inconsequential or cause for concern?. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2014, 39, 281-285.	0.6	4
48	Contact-force radiofrequency ablation of non-paroxysmal atrial fibrillation: improved outcomes with increased experience. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 69-75.	0.6	4
49	QT interval dynamics and triggers for QT prolongation immediately following cardiac arrest. <i>Resuscitation</i> , 2021, 162, 171-179.	1.3	4
50	High-power, short-duration ablation for atrial fibrillation: Pros and cons. <i>Progress in Cardiovascular Diseases</i> , 2021, 66, 86-91.	1.6	4
51	Becoming an Early-Career Inventor. <i>Journal of the American College of Cardiology</i> , 2021, 78, 82-86.	1.2	4
52	Outcomes of posterior wall isolation with pulmonary vein isolation for paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 209-217.	0.8	4
53	Inappropriate ICD Shock as a Result of TASER Discharge. <i>JACC: Case Reports</i> , 2020, 2, 1166-1169.	0.3	3
54	Direct autotransfusion following emergency pericardiocentesis in patients undergoing cardiac electrophysiology procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1379-1384.	0.8	3

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55	Time to diagnosis of acute complications after cardiovascular implantable electronic device insertion and optimal timing of discharge within the first 24 hours. <i>Heart Rhythm</i> , 2021, 18, 2110-2114.	0.3	3
56	Preexcitation and AV Block. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 106-107.	0.8	2
57	S-AB01-01 to S-AB36-06. <i>Heart Rhythm</i> , 2019, 16, S1-S92.	0.3	2
58	High-Power Short-Duration Ablation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1262-1264.	1.3	2
59	Never Out of the Woods: Onset of Events in Long QT Syndrome Late in Life Provoked by Atrial Arrhythmias. <i>Indian Pacing and Electrophysiology Journal</i> , 2014, 14, 263-267.	0.3	1
60	S-PO06-001 to S-PO06-120. <i>Heart Rhythm</i> , 2019, 16, S522-S572.	0.3	1
61	Response to: Do not yet abandon cephalic vein access for multiple leads in ICD implantation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2789-2790.	0.8	1
62	Integrated electrophysiology care for patients with heart failure: An envisioned future. <i>Heart Rhythm</i> , 2021, 18, e51-e63.	0.3	1
63	Atrial Fibrillation in COVID-19: Therapeutic Target or Grave Omen?. <i>Heart Lung and Circulation</i> , 2021, 30, 1114-1116.	0.2	1
64	ICD shocks and complications in patients with inherited arrhythmia syndromes. <i>IJC Heart and Vasculature</i> , 2021, 37, 100908.	0.6	1
65	Automatic external defibrillatorsâ€”friend or foe?. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1292.e1-1292.e2.	0.7	0
66	Response to Letter Regarding Article, â€œElectrogram Analysis and Pacing Are Complimentary for Recognition of Abnormal Conduction and Far-Field Potentials During Substrate Mapping of Infarct-Related Ventricular Tachycardiaâ€• <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1521-1521.	2.1	0
67	Jump for Perimitral Conduction Block. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 737-738.	0.8	0
68	GENETIC TESTING FOR DIAGNOSIS OF PROGRESSIVE CARDIAC CONDUCTION DISEASE. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2283.	1.2	0
69	Good News: Pulmonary Veins Are Isolated! Bad News: Atrial Fibrillation Is Back. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1580-1582.	1.3	0
70	Reply. <i>JACC: Case Reports</i> , 2020, 2, 2049.	0.3	0
71	EP News: Quality Improvement and Outcomes. <i>Heart Rhythm</i> , 2021, 18, 159.	0.3	0
72	B-AB11-05 IMPLANTABLE VERSUS SUBCUTANEOUS ICD IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY. <i>Heart Rhythm</i> , 2021, 18, S22.	0.3	0

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73	B-PO05-058 LONG-TERM ICD RELATED OUTCOMES IN PATIENTS WITH INHERITED ARRHYTHMIC SYNDROMES. Heart Rhythm, 2021, 18, S395.	0.3	0
74	B-PO05-060 TIME TO DIAGNOSIS OF COMPLICATIONS FOR ASSESSMENT OF SAFETY OF EARLY DISCHARGE AFTER CARDIOVASCULAR IMPLANTABLE ELECTRONIC DEVICE IMPLANT. Heart Rhythm, 2021, 18, S396.	0.3	0
75	B-PO04-030 REAL WORLD UTILIZATION AND OUTCOMES OF THE MICRA AV PACING SYSTEM. Heart Rhythm, 2021, 18, S291-S292.	0.3	0
76	B-PO05-203 RISK FACTORS FOR POSTOPERATIVE URINARY RETENTION IN PATIENTS UNDERGOING ATRIAL FIBRILLATION ABLATION. Heart Rhythm, 2021, 18, S454-S455.	0.3	0
77	B-PO03-073 ATRIAL INFORMATION: AUTOMATED ELECTROANATOMIC MAP ANALYSIS FOR PREDICTING ATRIAL FIBRILLATION ABLATION OUTCOMES. Heart Rhythm, 2021, 18, S218.	0.3	0
78	Elimination of Incessant Ventricular Tachycardia in Ischemic Cardiomyopathy with High-density Grid Technology. Journal of Innovations in Cardiac Rhythm Management, 2020, 12, 45-46.	0.2	0
79	Ablation in Atrial Fibrillation with Ventricular Pacing Results in Similar Spatial Catheter Stability as Compared to Ablation in Sinus Rhythm with Atrial Pacing. Journal of Atrial Fibrillation, 2020, 13, 2373.	0.5	0
80	Reply. Journal of the American College of Cardiology, 2022, 79, e143-e144.	1.2	0
81	Urgent catheter ablation for treatment refractory symptomatic atrial fibrillation: Health care utilization and outcomes. Heart Rhythm, 2022, 19, 1208-1209.	0.3	0
82	PO-718-06 MAXIMUM OUTPUT PACING: IMPROVING POSTERIOR LEFT ATRIAL EPICARDIAL ISOLATION. Heart Rhythm, 2022, 19, S506-S507.	0.3	0
83	PO-620-05 ARRHYTHMIC EVENTS IN PATIENTS WITH CARDIAC IMPLANTABLE ELECTRONIC DEVICE POST COVID19 VACCINE. Heart Rhythm, 2022, 19, S128.	0.3	0
84	PO-706-07 DEVELOPMENT OF AN AI DRIVEN QT CORRECTION ALGORITHM FOR PATIENTS IN ATRIAL FIBRILLATION. Heart Rhythm, 2022, 19, S460.	0.3	0
85	PO-715-08 NOVEL WORKFLOW FOR ELECTROANATOMIC MAP INTEGRATION FOR CARDIAC RADIATION ABLATION OF VENTRICULAR TACHYCARDIA. Heart Rhythm, 2022, 19, S495-S496.	0.3	0
86	PO-712-02 URGENT CATHETER ABLATION FOR TREATMENT REFRACTORY SYMPTOMATIC ATRIAL FIBRILLATION: HEALTHCARE UTILIZATION AND OUTCOMES. Heart Rhythm, 2022, 19, S481.	0.3	0
87	PO-688-06 RISK OF ADVERSE CARDIAC EVENTS IN PATIENTS WITH MODERATELY REDUCED EJECTION FRACTION FOLLOWING PERMANENT PACEMAKER IMPLANT. Heart Rhythm, 2022, 19, S390.	0.3	0