

Chirag R Barbhaiya

List of Publications by Citations

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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.

66

papers

1,518

citations

22

h-index

38

g-index

94

ext. papers

1,932

ext. citations

5.4

avg, IF

4.59

L-index

#	Paper	IF	Citations
66	The QT interval in patients with COVID-19 treated with hydroxychloroquine and azithromycin. <i>Nature Medicine</i> , 2020 , 26, 808-809	50.5	207
65	QT interval prolongation and torsade de pointes in patients with COVID-19 treated with hydroxychloroquine/azithromycin. <i>Heart Rhythm</i> , 2020 , 17, 1425-1433	6.7	176
64	Ventricular tachycardia in cardiac sarcoidosis: characterization of ventricular substrate and outcomes of catheter ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 87-93	6.4	136
63	Esophageal Injury and Atrioesophageal Fistula Caused by Ablation for Atrial Fibrillation. <i>Circulation</i> , 2017 , 136, 1247-1255	16.7	95
62	Long-term outcomes after catheter ablation of ventricular tachycardia in patients with and without structural heart disease. <i>Heart Rhythm</i> , 2016 , 13, 1957-63	6.7	73
61	Electrophysiologic assessment of conduction abnormalities and atrial arrhythmias associated with amyloid cardiomyopathy. <i>Heart Rhythm</i> , 2016 , 13, 383-90	6.7	66
60	Role of alternative interventional procedures when endo- and epicardial catheter ablation attempts for ventricular arrhythmias fail. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 606-15	6.4	57
59	Nonuniform Ca ²⁺ transients in arrhythmogenic Purkinje cells that survive in the infarcted canine heart. <i>Cardiovascular Research</i> , 2003 , 57, 681-93	9.9	52
58	"Needle-in-needle" epicardial access: Preliminary observations with a modified technique for facilitating epicardial interventional procedures. <i>Heart Rhythm</i> , 2015 , 12, 1691-7	6.7	48
57	Global survey of esophageal and gastric injury in atrial fibrillation ablation: incidence, time to presentation, and outcomes. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1377-1378	15.1	45
56	Tpeak - Tend and Tpeak - Tend /QT ratio as markers of ventricular arrhythmia risk in cardiac resynchronization therapy patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013 , 36, 103-8	1.6	41
55	Surgical cryoablation for ventricular tachyarrhythmia arising from the left ventricular outflow tract region. <i>Heart Rhythm</i> , 2015 , 12, 1128-36	6.7	37
54	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, 218-26	6.7	37
53	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	2.7	31
52	Epicardial phrenic nerve displacement during catheter ablation of atrial and ventricular arrhythmias: procedural experience and outcomes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 896-904	6.4	28
51	Overdrive pacing from downstream sites on multielectrode catheters to rapidly detect fusion and to diagnose macroreentrant atrial arrhythmias. <i>Circulation</i> , 2014 , 129, 2503-10	16.7	27
50	Esophageal temperature dynamics during high-power short-duration posterior wall ablation. <i>Heart Rhythm</i> , 2020 , 17, 721-727	6.7	26

49	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	3.9	25
48	Epicardial Radiofrequency Ablation Failure During Ablation Procedures for Ventricular Arrhythmias: Reasons and Implications for Outcomes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 1422-32	6.4	25
47	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	6.4	24
46	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	2.7	24
45	Impact of general anesthesia on initiation and stability of VT during catheter ablation. <i>Heart Rhythm</i> , 2015 , 12, 2213-20	6.7	23
44	QT Interval Prolongation and Torsade De Pointes in Patients with COVID-19 treated with Hydroxychloroquine/Azithromycin	4.9	23
43	Global Survey of Esophageal Injury in Atrial Fibrillation Ablation: Characteristics and Outcomes of Esophageal Perforation and Fistula. <i>JACC: Clinical Electrophysiology</i> , 2016 , 2, 143-150	4.6	19
42	Avoiding tachycardia alteration or termination during attempted entrainment mapping of atrial tachycardia related to atrial fibrillation ablation. <i>Heart Rhythm</i> , 2015 , 12, 32-5	6.7	17
41	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, 874-81	6.4	16
40	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, 883-8	6.4	15
39	Better Lesion Creation And Assessment During Catheter Ablation. <i>Journal of Atrial Fibrillation</i> , 2015 , 8, 1189	0.8	15
38	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	2.7	10
37	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	4.6	10
36	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	3.9	10
35	Lesion Sequence and Catheter Spatial Stability Affect Lesion Quality Markers in Atrial Fibrillation Ablation. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 367-377	4.6	9
34	Better outcome of ablation for sustained outflow-tract ventricular tachycardia when tachycardia is inducible. <i>Europace</i> , 2015 , 17, 1571-9	3.9	8
33	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	1.6	6
32	Quantitative analysis of ablation technique predicts arrhythmia recurrence following atrial fibrillation ablation. <i>American Heart Journal</i> , 2020 , 220, 176-183	4.9	6

31	Early ICD lead failure in defibrillator systems with multiple leads via cephalic access. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 1462-1469	2.7	5
30	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	3	5
29	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	4.6	5
28	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	1.6	4
27	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	1	4
26	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	2.4	4
25	Utilization of a Radiation Safety Time-Out Reduces Radiation Exposure During Electrophysiology Procedures. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 626-634	4.6	3
24	Recurrence of Atrial Arrhythmias Despite Persistent Pulmonary Vein Isolation After Catheter Ablation for Atrial Fibrillation: A Case Series. <i>JACC: Clinical Electrophysiology</i> , 2016 , 2, 723-731	4.6	3
23	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, 281-5	2.4	3
22	Electrocardiographic Risk Stratification in COVID-19 Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 636073	5.4	3
21	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	2.7	2
20	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, 263-7	1.5	1
19	Preexcitation and AV block. <i>Journal of Cardiovascular Electrophysiology</i> , 2012 , 23, 106-7	2.7	1
18	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	2.4	1
17	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	2.7	1
16	QT interval dynamics and triggers for QT prolongation immediately following cardiac arrest. <i>Resuscitation</i> , 2021 , 162, 171-179	4	1
15	High-power, short-duration ablation for atrial fibrillation: Pros and cons. <i>Progress in Cardiovascular Diseases</i> , 2021 , 66, 86-91	8.5	1
14	Rebooting atrial fibrillation ablation in the COVID-19 pandemic. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021 , 1	2.4	1

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| 13 | Direct autotransfusion following emergency pericardiocentesis in patients undergoing cardiac electrophysiology procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 1379-1384 | 2.7 | ○ |
| 12 | Integrated electrophysiology care for patients with heart failure: An envisioned future. <i>Heart Rhythm</i> , 2021 , 18, e51-e63 | 6.7 | ○ |
| 11 | 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 | 6.7 | ○ |
| 10 | Automatic external defibrillators--friend or foe?. <i>American Journal of Emergency Medicine</i> , 2013 , 31, 1292.e1-2 | 2.1 | ○ |
| 9 | Periprocedural care for catheter ablation of atrial fibrillation 2015 , 351-360 | | |
| 8 | Response to Letter Regarding Article, "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, 1521 | 6.4 | |
| 7 | Reply: Navigating a Career in Innovation.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, e143-e144 | 1.4 | |
| 6 | Ablation in Atrial Fibrillation with Ventricular Pacing Results in Similar Spatial Catheter Stability as Compared to Ablation in Sinus Rhythm with Atrial Pacing.. <i>Journal of Atrial Fibrillation</i> , 2020 , 13, 2373 | 0.8 | |
| 5 | ICD shocks and complications in patients with inherited arrhythmia syndromes. <i>IJC Heart and Vasculature</i> , 2021 , 37, 100908 | 2.4 | |
| 4 | Elimination of Incessant Ventricular Tachycardia in Ischemic Cardiomyopathy with High-density Grid Technology. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2021 , 12, 45-46 | 1.1 | |
| 3 | Evaluation of the pericardium153-166 | | |
| 2 | Reply: Electrical Weapons and Electrophysiology. <i>JACC: Case Reports</i> , 2020 , 2, 2049 | 1.2 | |
| 1 | Inappropriate ICD Shock as a Result of TASER Discharge. <i>JACC: Case Reports</i> , 2020 , 2, 1166-1169 | 1.2 | |