

# Abhishek Bhaskaran

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

434  
citations

840119

11  
h-index

752256

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

815  
citing authors

#	ARTICLE	IF	CITATIONS
1	Five seconds of 50â€“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
2	High-resolution, live, directional mapping. <i>Heart Rhythm</i> , 2020, 17, 1621-1628.	0.3	30
3	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
4	Omnipolarity applied to equi-spaced electrode array for ventricular tachycardia substrate mapping. <i>Europace</i> , 2019, 21, 813-821.	0.7	28
5	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
6	Determinants of atrial bipolar voltage: Inter electrode distance and wavefront angle. <i>Computers in Biology and Medicine</i> , 2018, 102, 449-457.	3.9	21
7	Early and long-term outcomes after manual and remote magnetic navigation-guided catheter ablation for ventricular tachycardia. <i>Europace</i> , 2018, 20, ii11-ii21.	0.7	19
8	Electroanatomical mappingâ€“guided stereotactic radiotherapy for right ventricular tachycardia storm. <i>HeartRhythm Case Reports</i> , 2019, 5, 590-592.	0.2	19
9	A review of the safety aspects of radio frequency ablation. <i>IJC Heart and Vasculature</i> , 2015, 8, 147-153.	0.6	16
10	The Wearable Cardioverter Defibrillator: an Early Single Centre Australian Experience. Some Pitfalls and Caveats for Use. <i>Heart Lung and Circulation</i> , 2016, 25, 155-159.	0.2	15
11	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
12	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
13	Exit sites on the epicardium rarely subtend critical diastolic path of ischemic VT on the endocardium: Implications for noninvasive ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 520-527.	0.8	9
14	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
15	Stimulation and propagation of activation in conduction tissue: Implications for left bundle branch area pacing. <i>Heart Rhythm</i> , 2021, 18, 813-821.	0.3	8
16	Safety, efficacy, and monitoring of bipolar radiofrequency ablation in beating myopathic human and healthy swine hearts. <i>Heart Rhythm</i> , 2021, 18, 1772-1779.	0.3	8
17	Posterior left atrial isolation for atrial fibrillation in left ventricular diastolic impairment is associated with better arrhythmia free survival. <i>International Journal of Cardiology</i> , 2015, 184, 674-679.	0.8	7
18	Quantifying the determinants of decremental response in critical ventricular tachycardia substrate. <i>Computers in Biology and Medicine</i> , 2018, 102, 260-266.	3.9	7

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19	Direct and indirect mapping of intramural space in ventricular tachycardia. <i>Heart Rhythm</i> , 2020, 17, 439-446.	0.3	7
20	On the Electrophysiology and Mapping of Intramural Arrhythmic Focus. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, CIRCEP121010384.	2.1	7
21	Slow Pathway Radiofrequency Ablation Using Magnetic Navigation: A Description of Technique and Retrospective Case Analysis. <i>Heart Lung and Circulation</i> , 2017, 26, 1297-1302.	0.2	6
22	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
23	Information theory to tachycardia therapy: electrogram entropy predicts diastolic microstructure of reentrant ventricular tachycardia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H134-H144.	1.5	5
24	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
25	Atrial decremental evoked potentials accurately determine the critical isthmus of intra-atrial re-entrant tachycardia. <i>Europace</i> , 2018, 20, 1620-1620.	0.7	3
26	Lateral tunnel Fontan atrial tachycardia ablation trans-baffle access is not mandatory as the initial strategy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 299-306.	0.6	3
27	Transmyocardial bipolar electrogram: A strategy for mapping and determining efficacy of bipolar ablation of deep foci. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 760-762.	0.5	2
28	High density intramural mapping of postinfarct premature ventricular contractions and ventricular tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1781-1785.	0.5	2
29	Implementation of Cardiac Stereotactic Radiotherapy: From Literature to the Linac. <i>Cureus</i> , 2021, 13, e13606.	0.2	1
30	KATP Channel Blockade as a Novel Antiarrhythmic Strategy: Evolving From Tachy to Brady Therapy. <i>Endocrinology</i> , 2018, 159, 3081-3082.	1.4	0
31	Minimalistic strategy for coronary sinus lead implant: A single tool capable of electrophysiological mapping, pressure measurement, and angiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1072-1077.	0.5	0
32	Multi-Axis Lead with Tetrahedral Electrode Tip for Cardiac Implantable Devices: Creative Concept for Pacing and Sensing Technology. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1808-1817.	0.8	0