

Prapa Kanagaratnam Frcp

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,601
citations

279798

23
h-index

206112

48
g-index

72
all docs

72
docs citations

72
times ranked

2909
citing authors

#	ARTICLE	IF	CITATIONS
1	2019 ESC Guidelines for the management of patients with supraventricular tachycardiaThe Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2020, 41, 655-720.	2.2	647
2	Experience of robotic catheter ablation in humans using a novel remotely steerable catheter sheath. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2008, 21, 19-26.	1.3	150
3	Worldwide Survey of COVID-19â€™Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009458.	4.8	127
4	Spatial Resolution Requirements for Accurate Identification of Drivers of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, e004899.	4.8	120
5	Relative expression of immunolocalized connexins 40 and 43 correlates with human atrial conduction properties. <i>Journal of the American College of Cardiology</i> , 2002, 39, 116-123.	2.8	101
6	Age-Related Changes in Human Left and Right Atrial Conduction. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 120-127.	1.7	97
7	Relationship Between Connexins and Atrial Activation During Human Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2004, 15, 206-216.	1.7	77
8	Noninvasive electrocardiographic mapping to guide ablation of outflow tract ventricular arrhythmias. <i>Heart Rhythm</i> , 2014, 11, 587-594.	0.7	76
9	Cardiac ripple mapping: A novel three-dimensional visualization method for use with electroanatomic mapping of cardiac arrhythmias. <i>Heart Rhythm</i> , 2009, 6, 1754-1762.	0.7	67
10	Intrinsic Cardiac Autonomic Stimulation Induces Pulmonary Vein Ectopy and Triggers Atrial Fibrillation in Humans. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 638-646.	1.7	66
11	Diagnostic Accuracy of Cardiac Magnetic Resonance Imaging in the Detection and Characterization of Left Atrial Catheter Ablation Lesions: A Multicenter Experience. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 396-403.	1.7	65
12	Worldwide Experience with the Robotic Navigation System in Catheter Ablation of Atrial Fibrillation: Methodology, Efficacy and Safety. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 820-826.	1.7	62
13	Visualizing Localized Reentry With Ultraâ€™High Density Mapping in Iatrogenic Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	53
14	Characterization of the Electroanatomical Substrate in Human Atrial Fibrillation: The Relationship between Changes in Atrial Volume, Refractoriness, Wavefront Propagation Velocities, and AF Burden. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 269-275.	1.7	52
15	Characterization of the Left Atrial Neural Network and its Impact on Autonomic Modification Procedures. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 632-640.	4.8	52
16	Application of Ripple Mapping to Visualize Slow Conduction Channels Within the Infarct-Related Left Ventricular Scar. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 76-86.	4.8	47
17	A Prospective Study of Ripple Mapping the Post-Infarct Ventricular Scar to Guide Substrate Ablation for Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	42
18	The Effects of Carbenoxolone on Human Myocardial Conduction. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1242-1249.	2.8	41

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19	Cardiac resynchronization therapy: mechanisms of action and scope for further improvement in cardiac function. <i>Europace</i> , 2017, 19, euw136.	1.7	40
20	Voltage during atrial fibrillation is superior to voltage during sinus rhythm in localizing areas of delayed enhancement on magnetic resonance imaging: An assessment of the posterior left atrium in patients with persistent atrial fibrillation. <i>Heart Rhythm</i> , 2019, 16, 1357-1367.	0.7	40
21	A Prospective Study of Ripple Mapping in Atrial Tachycardias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e003582.	4.8	36
22	Application of Ripple Mapping with an Electroanatomic Mapping System for Diagnosis of Atrial Tachycardias. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1361-1369.	1.7	33
23	Ectopy-triggering ganglionated plexuses ablation to prevent atrial fibrillation: GANGLIA-AF study. <i>Heart Rhythm</i> , 2022, 19, 516-524.	0.7	33
24	Stimulation of the Intrinsic Cardiac Autonomic Nervous System Results in a Gradient of Fibrillatory Cycle Length Shortening Across the Atria During Atrial Fibrillation in Humans. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1224-1231.	1.7	24
25	Atrioventricular Optimized Direct His-Bundle Pacing Improves Acute Hemodynamic Function in Patients With Heart Failure and PR Interval Prolongation Without Left Bundle Branch-Block. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 582-591.	3.2	24
26	Repolarization abnormalities unmasked with exercise in sudden cardiac death survivors with structurally normal hearts. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 115-126.	1.7	23
27	Robotic assistance and general anaesthesia improve catheter stability and increase signal attenuation during atrial fibrillation ablation. <i>Europace</i> , 2013, 15, 41-47.	1.7	22
28	A novel approach to mapping the atrial ganglionated plexus network by generating a distribution probability atlas. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1624-1634.	1.7	22
29	Multicenter Randomized Controlled Crossover Trial Comparing Hemodynamic Optimization Against Echocardiographic Optimization of AV and VV Delay of Cardiac Resynchronization Therapy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1407-1416.	5.3	20
30	Optimum lesion set and predictors of outcome in persistent atrial fibrillation ablation: a meta-regression analysis. <i>Europace</i> , 2019, 21, 1176-1184.	1.7	20
31	Electrophysiological Abnormalities Occur Prior to the Development of Clinical Episodes of Atrial Fibrillation: Observations from Human Epicardial Mapping. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2008, 31, 443-453.	1.2	19
32	Ripple mapping: Initial multicenter experience of an intuitive approach to overcoming the limitations of 3D activation mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1285-1294.	1.7	19
33	Ripple-AT Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007394.	4.8	18
34	Robotically Assisted Ablation Produces More Rapid and Greater Signal Attenuation Than Manual Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 1398-1404.	1.7	17
35	Arrhythmia Mechanisms Revealed by Ripple Mapping. <i>Arrhythmia and Electrophysiology Review</i> , 2018, 7, 1.	2.4	15
36	A diagnostic algorithm to optimize data collection and interpretation of Ripple Maps in atrial tachycardias. <i>International Journal of Cardiology</i> , 2015, 199, 391-400.	1.7	14

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37	Meta-Analysis of Randomized Controlled Trials of Atrial Fibrillation Ablation With Pulmonary Vein Isolation Versus Without. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 968-976.	3.2	12
38	Prevalence of spontaneous type I ECG pattern, syncope, and other risk markers in sudden cardiac arrest survivors with Brugada syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 257-264.	1.2	12
39	Robotic Catheter Ablation of Ventricular Tachycardia in a Patient with Congenital Heart Disease and Rastelli Repair. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 1163-1166.	1.7	11
40	Targeting the ectopy-triggering ganglionated plexuses without pulmonary vein isolation prevents atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 235-244.	1.7	11
41	Discriminating electrocardiographic responses to His-bundle pacing using machine learning. <i>Cardiovascular Digital Health Journal</i> , 2020, 1, 11-20.	1.3	10
42	Characterization and consistency of interactions of triggers and substrate at the onset of paroxysmal atrial fibrillation. <i>Europace</i> , 2017, 19, 1454-1462.	1.7	9
43	Evaluation of a new algorithm for tracking activation during atrial fibrillation using multipolar catheters in humans. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1464-1474.	1.7	9
44	The ectopy-triggering ganglionated plexuses in atrial fibrillation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 228, 102699.	2.8	9
45	Non-invasive detection of exercise-induced cardiac conduction abnormalities in sudden cardiac death survivors in the inherited cardiac conditions. <i>Europace</i> , 2021, 23, 305-312.	1.7	8
46	Conduction, gap junctions, and atrial fibrillation: An eternal triangle?. <i>Heart Rhythm</i> , 2004, 1, 746-749.	0.7	7
47	Isthmus sites identified by Ripple Mapping are usually anatomically stable: A novel method to guide atrial substrate ablation?. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 404-411.	1.7	7
48	Outcomes of paroxysmal atrial fibrillation ablation studies are affected more by study design and patient mix than ablation technique. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1471-1479.	1.7	7
49	Multicentre randomised trial comparing contact force with electrical coupling index in atrial flutter ablation (VERISMART trial). <i>PLoS ONE</i> , 2019, 14, e0212903.	2.5	7
50	Quantification of Electromechanical Coupling to Prevent Inappropriate Implantable Cardioverter-Defibrillator Shocks. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 705-715.	3.2	7
51	Electrocardiographic predictors of successful resynchronization of left bundle branch block by His bundle pacing. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 428-438.	1.7	7
52	RETRO-MAPPING: A New Approach to Activation Mapping in Persistent Atrial Fibrillation Reveals Evidence of Spatiotemporal Stability. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009602.	4.8	7
53	Electroanatomic Characterization and Ablation of Scar-Related Isthmus Sites Supporting Perimitral Flutter. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 578-590.	3.2	7
54	Postinfarct ventricular tachycardia substrate: Characterization and ablation of conduction channels using ripple mapping. <i>Heart Rhythm</i> , 2021, 18, 1682-1690.	0.7	7

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55	Automated Activation and Pace-Mapping to Guide Ablation Within the Outflow Tract. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 127-128.	1.7	6
56	Single Ectopy-Triggering Ganglionated Plexus Ablation Without Pulmonary Vein Isolation Prevents Atrial Fibrillation. <i>JACC: Case Reports</i> , 2020, 2, 2004-2009.	0.6	6
57	Granger Causality-Based Analysis for Classification of Fibrillation Mechanisms and Localization of Rotational Drivers. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008237.	4.8	6
58	A Multicenter External Validation of a Score Model to Predict Risk of Events in Patients With Brugada Syndrome. <i>American Journal of Cardiology</i> , 2021, 160, 53-59.	1.6	6
59	Non-randomised comparison of acute and long-term outcomes of robotic versus manual ventricular tachycardia ablation in a single centre ischemic cohort. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 43, 175-185.	1.3	5
60	Right ventricular pacing for hypertrophic obstructive cardiomyopathy: meta-analysis and meta-regression of clinical trials. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019, 5, 321-333.	4.0	5
61	Anatomical Distribution of Ectopy-Triggering Plexuses in Patients With Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008715.	4.8	5
62	Size matters in atrial fibrillation: the underestimated importance of reduction of contiguous electrical mass underlying the effectiveness of catheter ablation. <i>Europace</i> , 2021, 23, 1698-1707.	1.7	5
63	The sawtooth EKG pattern of typical atrial flutter is not related to slow conduction velocity at the cavotricuspid isthmus. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1445-1453.	1.7	4
64	Classification of Fibrillation Organisation Using Electrocardiograms to Guide Mechanism-Directed Treatments. <i>Frontiers in Physiology</i> , 2021, 12, 712454.	2.8	4
65	Ventricular conduction stability test: a method to identify and quantify changes in whole heart activation patterns during physiological stress. <i>Europace</i> , 2019, 21, 1422-1431.	1.7	3
66	Within-patient comparison of His-bundle pacing, right ventricular pacing, and right ventricular pacing avoidance algorithms in patients with PR prolongation: Acute hemodynamic study. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2964-2974.	1.7	3
67	Cycle Length Evaluation in Persistent Atrial Fibrillation Using Kernel Density Estimation to Identify Transient and Stable Rapid Atrial Activity. <i>Cardiovascular Engineering and Technology</i> , 2021, , 1.	1.6	3
68	Sustained Tachycardia in a Cardiac Resynchronization Therapy Recipient: What Is the Mechanism of Tachycardia?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 1427-1430.	1.2	1
69	Comparative Analysis of Diagnostic 12-Lead Electrocardiography and 3-Dimensional Noninvasive Mapping. <i>Cardiac Electrophysiology Clinics</i> , 2015, 7, 71-78.	1.7	1
70	The left atrial neural network: more complicated than we thought?. <i>Future Cardiology</i> , 2015, 11, 251-254.	1.2	1
71	Ablation therapy for left atrial autonomic modification. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 199, 80-87.	2.8	1
72	Response by Handa et al to Letter Regarding Article, "Granger Causality-Based Analysis for Classification of Fibrillation Mechanisms and Localization of Rotational Drivers". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008951.	4.8	1