Prapa Kanagaratnam Frcp

List of Publications by Year
in descending order

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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	Ectopy-triggering ganglionated plexuses ablation to prevent atrial fibrillation: GANGLIA-AF study. Heart Rhythm, 2022, 19, 516-524.	0.7	33
2	Non-invasive detection of exercise-induced cardiac conduction abnormalities in sudden cardiac death survivors in the inherited cardiac conditions. Europace, 2021, 23, 305-312.	1.7	8
3	Electrocardiographic predictors of successful resynchronization of left bundle branch block by His bundle pacing. Journal of Cardiovascular Electrophysiology, 2021, 32, 428-438.	1.7	7
4	Targeting the ectopyâ€triggering ganglionated plexuses without pulmonary vein isolation prevents atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2021, 32, 235-244.	1.7	11
5	Worldwide Survey of COVID-19â€"Associated Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009458.	4.8	127
6	RETRO-MAPPING: A New Approach to Activation Mapping in Persistent Atrial Fibrillation Reveals Evidence of Spatiotemporal Stability. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009602.	4.8	7
7	Size matters in atrial fibrillation: the underestimated importance of reduction of contiguous electrical mass underlying the effectiveness of catheter ablation. Europace, 2021, 23, 1698-1707.	1.7	5
8	Electroanatomic Characterization and Ablation of Scar-Related Isthmus Sites Supporting Perimitral Flutter. JACC: Clinical Electrophysiology, 2021, 7, 578-590.	3.2	7
9	Cycle Length Evaluation in Persistent Atrial Fibrillation Using Kernel Density Estimation to Identify Transient and Stable Rapid Atrial Activity. Cardiovascular Engineering and Technology, 2021, , 1.	1.6	3
10	Postinfarct ventricular tachycardia substrate: Characterization and ablation of conduction channels using ripple mapping. Heart Rhythm, 2021, 18, 1682-1690.	0.7	7
11	A Multicenter External Validation of a Score Model to Predict Risk of Events in Patients With Brugada Syndrome. American Journal of Cardiology, 2021, 160, 53-59.	1.6	6
12	Classification of Fibrillation Organisation Using Electrocardiograms to Guide Mechanism-Directed Treatments. Frontiers in Physiology, 2021, 12, 712454.	2.8	4
13	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). European Heart Journal, 2020, 41, 655-720.	2.2	647
14	Withinâ€patient comparison of Hisâ€bundle pacing, right ventricular pacing, and right ventricular pacing avoidance algorithms in patients with PR prolongation: Acute hemodynamic study. Journal of Cardiovascular Electrophysiology, 2020, 31, 2964-2974.	1.7	3
15	Single Ectopy-Triggering Ganglionated Plexus Ablation Without Pulmonary Vein Isolation Prevents Atrial Fibrillation. JACC: Case Reports, 2020, 2, 2004-2009.	0.6	6
16	The ectopy-triggering ganglionated plexuses in atrial fibrillation. Autonomic Neuroscience: Basic and Clinical, 2020, 228, 102699.	2.8	9
17	Anatomical Distribution of Ectopy-Triggering Plexuses in Patients With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008715.	4.8	5
18	Discriminating electrocardiographic responses to His-bundle pacing using machine learning. Cardiovascular Digital Health Journal, 2020, 1, 11-20.	1.3	10

#	Article	IF	Citations
19	Response by Handa et al to Letter Regarding Article, â€œGranger Causalityâ€“Based Analysis for Classification of Fibrillation Mechanisms and Localization of Rotational Driversâ€• Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008951.	4.8	1
20	Granger Causalityâ€“Based Analysis for Classification of Fibrillation Mechanisms and Localization of Rotational Drivers. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008237.	4.8	6
21	Multicenter Randomized Controlled Crossover Trial Comparing Hemodynamic Optimization Against Echocardiographic Optimization of AVÂand VV Delay of Cardiac Resynchronization Therapy. JACC: Cardiovascular Imaging, 2019, 12, 1407-1416.	5.3	20
22	Meta-Analysis of Randomized Controlled Trials of Atrial Fibrillation Ablation With Pulmonary Vein Isolation Versus Without. JACC: Clinical Electrophysiology, 2019, 5, 968-976.	3.2	12
23	Ripple-AT Study. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007394.	4.8	18
24	Right ventricular pacing for hypertrophic obstructive cardiomyopathy: meta-analysis and meta-regression of clinical trials. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 321-333.	4.0	5
25	Evaluation of a new algorithm for tracking activation during atrial fibrillation using multipolar catheters in humans. Journal of Cardiovascular Electrophysiology, 2019, 30, 1464-1474.	1.7	9
26	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. Heart Rhythm, 2019, 16, 1357-1367.	0.7	40
27	Multicentre randomised trial comparing contact force with electrical coupling index in atrial flutter ablation (VERISMART trial). PLoS ONE, 2019, 14, e0212903.	2.5	7
28	Optimum lesion set and predictors of outcome in persistent atrial fibrillation ablation: a meta-regression analysis. Europace, 2019, 21, 1176-1184.	1.7	20
29	Ventricular conduction stability test: a method to identify and quantify changes in whole heart activation patterns during physiological stress. Europace, 2019, 21, 1422-1431.	1.7	3
30	Quantification of Electromechanical Coupling to Prevent Inappropriate Implantable Cardioverter-Defibrillator Shocks. JACC: Clinical Electrophysiology, 2019, 5, 705-715.	3.2	7
31	Prevalence of spontaneous type I ECG pattern, syncope, and other risk markers in sudden cardiac arrest survivors with Brugada syndrome. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 257-264.	1.2	12
32	Isthmus sites identified by Ripple Mapping are usually anatomically stable: A novel method to guide atrial substrate ablation?. Journal of Cardiovascular Electrophysiology, 2018, 29, 404-411.	1.7	7
33	Repolarization abnormalities unmasked with exercise in sudden cardiac death survivors with structurally normal hearts. Journal of Cardiovascular Electrophysiology, 2018, 29, 115-126.	1.7	23
34	Outcomes of paroxysmal atrial fibrillation ablation studies are affected more by study design and patient mix than ablation technique. Journal of Cardiovascular Electrophysiology, 2018, 29, 1471-1479.	1.7	7
35	A novel approach to mapping the atrial ganglionated plexus network by generating a distribution probability atlas. Journal of Cardiovascular Electrophysiology, 2018, 29, 1624-1634.	1.7	22
36	Arrhythmia Mechanisms Revealed by Ripple Mapping. Arrhythmia and Electrophysiology Review, 2018, 7, 1.	2.4	15

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37	Cardiac resynchronization therapy: mechanisms of action and scope for further improvement in cardiac function. Europace, 2017, 19, euw136.	1.7	40
38	Spatial Resolution Requirements for Accurate Identification of Drivers of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2017, 10, e004899.	4.8	120
39	Characterization and consistency of interactions of triggers and substrate at the onset of paroxysmal atrial fibrillation. Europace, 2017, 19, 1454-1462.	1.7	9
40	Visualizing Localized Reentry With Ultraâ€"High Density Mapping in Iatrogenic Atrial Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	53
41	The sawtooth EKG pattern of typical atrial flutter is not related to slow conduction velocity at the cavotricuspid isthmus. Journal of Cardiovascular Electrophysiology, 2017, 28, 1445-1453.	1.7	4
42	Ripple mapping: Initial multicenter experience of an intuitive approach to overcoming the limitations of 3D activation mapping. Journal of Cardiovascular Electrophysiology, 2017, 28, 1285-1294.	1.7	19
43	Ablation therapy for left atrial autonomic modification. Autonomic Neuroscience: Basic and Clinical, 2016, 199, 80-87.	2.8	1
44	Automated Activation and Paceâ€Mapping to Guide Ablation Within the Outflow Tract. Journal of Cardiovascular Electrophysiology, 2016, 27, 127-128.	1.7	6
45	A Prospective Study of Ripple Mapping the Post-Infarct Ventricular Scar to Guide Substrate Ablation for Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	42
46	A Prospective Study of Ripple Mapping in Atrial Tachycardias. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003582.	4.8	36
47	Atrioventricular Optimized Direct HisÂBundle Pacing Improves Acute Hemodynamic Function in Patients With Heart Failure and PR Interval Prolongation Without Left Bundle BranchÂBlock. JACC: Clinical Electrophysiology, 2015, 1, 582-591.	3.2	24
48	Comparative Analysis of Diagnostic 12-Lead Electrocardiography and 3-Dimensional Noninvasive Mapping. Cardiac Electrophysiology Clinics, 2015, 7, 71-78.	1.7	1
49	Application of Ripple Mapping to Visualize Slow Conduction Channels Within the Infarct-Related Left Ventricular Scar. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 76-86.	4.8	47
50	Non-randomised comparison of acute and long-term outcomes of robotic versus manual ventricular tachycardia ablation in a single centre ischemic cohort. Journal of Interventional Cardiac Electrophysiology, 2015, 43, 175-185.	1.3	5
51	The left atrial neural network: more complicated than we thought?. Future Cardiology, 2015, 11, 251-254.	1.2	1
52	A diagnostic algorithm to optimize data collection and interpretation of Ripple Maps in atrial tachycardias. International Journal of Cardiology, 2015, 199, 391-400.	1.7	14
53	Noninvasive electrocardiographic mapping to guide ablation of outflow tract ventricular arrhythmias. Heart Rhythm, 2014, 11, 587-594.	0.7	76
54	Robotic assistance and general anaesthesia improve catheter stability and increase signal attenuation during atrial fibrillation ablation. Europace, 2013, 15, 41-47.	1.7	22

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55	Characterization of the Left Atrial Neural Network and its Impact on Autonomic Modification Procedures. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 632-640.	4.8	52
56	Application of Ripple Mapping with an Electroanatomic Mapping System for Diagnosis of Atrial Tachycardias. Journal of Cardiovascular Electrophysiology, 2013, 24, 1361-1369.	1.7	33
57	Diagnostic Accuracy of Cardiac Magnetic Resonance Imaging in the Detection and Characterization of Left Atrial Catheter Ablation Lesions: A Multicenter Experience. Journal of Cardiovascular Electrophysiology, 2013, 24, 396-403.	1.7	65
58	Sustained Tachycardia in a Cardiac Resynchronization Therapy Recipient: What Is the Mechanism of Tachycardia?. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 1427-1430.	1.2	1
59	Worldwide Experience with the Robotic Navigation System in Catheter Ablation of Atrial Fibrillation: Methodology, Efficacy and Safety. Journal of Cardiovascular Electrophysiology, 2012, 23, 820-826.	1.7	62
60	Intrinsic Cardiac Autonomic Stimulation Induces Pulmonary Vein Ectopy and Triggers Atrial Fibrillation in Humans. Journal of Cardiovascular Electrophysiology, 2011, 22, 638-646.	1.7	66
61	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. Journal of Cardiovascular Electrophysiology, 2011, 22, 1224-1231.	1.7	24
62	Robotic Catheter Ablation of Ventricular Tachycardia in a Patient with Congenital Heart Disease and Rastelli Repair. Journal of Cardiovascular Electrophysiology, 2009, 20, 1163-1166.	1.7	11
63	Robotically Assisted Ablation Produces More Rapid and Greater Signal Attenuation Than Manual Ablation. Journal of Cardiovascular Electrophysiology, 2009, 20, 1398-1404.	1.7	17
64	Cardiac ripple mapping: A novel three-dimensional visualization method for use with electroanatomic mapping of cardiac arrhythmias. Heart Rhythm, 2009, 6, 1754-1762.	0.7	67
65	Experience of robotic catheter ablation in humans using a novel remotely steerable catheter sheath. Journal of Interventional Cardiac Electrophysiology, 2008, 21, 19-26.	1.3	150
66	Electrophysiological Abnormalities Occur Prior to the Development of Clinical Episodes of Atrial Fibrillation: Observations from Human Epicardial Mapping. PACE - Pacing and Clinical Electrophysiology, 2008, 31, 443-453.	1.2	19
67	Characterization of the Electroanatomical Substrate in Human Atrial Fibrillation: The Relationship between Changes in Atrial Volume, Refractoriness, Wavefront Propagation Velocities, and AF Burden. Journal of Cardiovascular Electrophysiology, 2007, 18, 269-275.	1.7	52
68	The Effects of Carbenoxolone on Human Myocardial Conduction. Journal of the American College of Cardiology, 2006, 48, 1242-1249.	2.8	41
69	Age-Related Changes in Human Left and Right Atrial Conduction. Journal of Cardiovascular Electrophysiology, 2006, 17, 120-127.	1.7	97
70	Relationship Between Connexins and Atrial Activation During Human Atrial Fibrillation. Journal of Cardiovascular Electrophysiology, 2004, 15, 206-216.	1.7	77
71	Conduction, gap junctions, and atrial fibrillation: An eternal triangle?. Heart Rhythm, 2004, 1, 746-749.	0.7	7
72	Relative expression of immunolocalized connexins 40 and 43 correlates with human atrial conduction properties. Journal of the American College of Cardiology, 2002, 39, 116-123.	2.8	101