Kanchan Kulkarni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3920714/publications.pdf

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23	233	1040056	1058476
papers	citations	9	14
		h-index	g-index

25	25	25	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autonomic Modulation of Cardiac Arrhythmias. JACC: Clinical Electrophysiology, 2020, 6, 467-483.	3.2	45
2	Cardiac Alternans: Mechanisms and Clinical Utility in Arrhythmia Prevention. Journal of the American Heart Association, 2019, 8, e013750.	3.7	24
3	Expression and relevance of the G protein-gated K+ channel in the mouse ventricle. Scientific Reports, 2018, 8, 1192.	3.3	19
4	Lowâ€Level Tragus Stimulation Modulates Atrial Alternans and Fibrillation Burden in Patients With Paroxysmal Atrial Fibrillation. Journal of the American Heart Association, 2021, 10, e020865.	3.7	19
5	Utility of a Smartphone Based System (cvrPhone) to Predict Short-term Arrhythmia Susceptibility. Scientific Reports, 2019, 9, 14497.	3.3	16
6	Stochastic vagus nerve stimulation affects acute heart rate dynamics in rats. PLoS ONE, 2018, 13, e0194910.	2.5	15
7	Real-Time Closed Loop Diastolic Interval Control Prevents Cardiac Alternans in Isolated Whole Rabbit Hearts. Annals of Biomedical Engineering, 2018, 46, 555-566.	2.5	13
8	Utility of a smartphone based system (cvrphone) to accurately determine apneic events from electrocardiographic signals. PLoS ONE, 2019, 14, e0217217.	2.5	11
9	Real-Time Closed-Loop Suppression of Repolarization Alternans Reduces Arrhythmia Susceptibility In Vivo. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008186.	4.8	10
10	Characterizing Spatial Dynamics of Bifurcation to Alternans in Isolated Whole Rabbit Hearts Based on Alternate Pacing. BioMed Research International, 2015, 2015, 1-8.	1.9	9
11	Clinical Potential of Beatâ€toâ€Beat Diastolic Interval Control in Preventing Cardiac Arrhythmias. Journal of the American Heart Association, 2021, 10, e020750.	3.7	8
12	An Optimized Machine Learning Model Accurately Predicts In-Hospital Outcomes at Admission to a Cardiac Unit. Diagnostics, 2022, 12, 241.	2.6	8
13	Microvolt T-Wave Alternans Is Modulated by Acute Low-Level Tragus Stimulation in Patients With Ischemic Cardiomyopathy and Heart Failure. Frontiers in Physiology, 2021, 12, 707724.	2.8	6
14	Real-time feedback based control of cardiac restitution using optical mapping. , 2015, 2015, 5920-3.		5
15	Pro-arrhythmic effect of heart rate variability during periodic pacing. , 2016, 2016, 149-152.		5
16	The influences of the M2R-GIRK4-RGS6 dependent parasympathetic pathway on electrophysiological properties of the mouse heart. PLoS ONE, 2018, 13, e0193798.	2.5	5
17	Ambulatory monitoring promises equitable personalized healthcare delivery in underrepresented patients. European Heart Journal Digital Health, 2021, 2, 494-510.	1.7	5
18	Advances in Cardiac Pacing: Arrhythmia Prediction, Prevention and Control Strategies. Frontiers in Physiology, 2021, 12, 783241.	2.8	4

#	Article	IF	Citations
19	Utility of a Smartphone-Based System (cvrPhone) in Estimating Minute Ventilation from Electrocardiographic Signals. Telemedicine Journal and E-Health, 2021, 27, 1433-1439.	2.8	3
20	Nonlinear Analytical Approaches for Prediction of Alternans Mediated Cardiac Arrhythmias. , 2021, , 35-47.		1
21	Miniaturized Radio Frequency Telemetric Pacemaker With Anti-Arrhythmic Pacing Protocol1. Journal of Medical Devices, Transactions of the ASME, 2014, 8, .	0.7	0
22	Benchtop Optical Mapping Approaches to Study Arrhythmias. , 2019, , 35-54.		0
23	B-PO02-026 LOCALIZED CARDIAC ALTERNANS PRESAGE VENTRICULAR TACHYARRHYTHMIAS IN OVINE CHRONIC MYOCARDIAL INFARCTION MODEL. Heart Rhythm, 2021, 18, S105-S106.	0.7	0