

Kanchan Kulkarni

List of Publications by Year in descending order

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23
papers

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citations

1040056

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all docs

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docs citations

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times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	An Optimized Machine Learning Model Accurately Predicts In-Hospital Outcomes at Admission to a Cardiac Unit. <i>Diagnostics</i> , 2022, 12, 241.	2.6	8
2	Utility of a Smartphone-Based System (cvrPhone) in Estimating Minute Ventilation from Electrocardiographic Signals. <i>Telemedicine Journal and E-Health</i> , 2021, 27, 1433-1439.	2.8	3
3	Ambulatory monitoring promises equitable personalized healthcare delivery in underrepresented patients. <i>European Heart Journal Digital Health</i> , 2021, 2, 494-510.	1.7	5
4	Nonlinear Analytical Approaches for Prediction of Alternans Mediated Cardiac Arrhythmias. , 2021, , 35-47.		1
5	Clinical Potential of Beat-to-Beat Diastolic Interval Control in Preventing Cardiac Arrhythmias. <i>Journal of the American Heart Association</i> , 2021, 10, e020750.	3.7	8
6	Low-Level Tragus Stimulation Modulates Atrial Alternans and Fibrillation Burden in Patients With Paroxysmal Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2021, 10, e020865.	3.7	19
7	Microvolt T-Wave Alternans Is Modulated by Acute Low-Level Tragus Stimulation in Patients With Ischemic Cardiomyopathy and Heart Failure. <i>Frontiers in Physiology</i> , 2021, 12, 707724.	2.8	6
8	B-PO02-026 LOCALIZED CARDIAC ALTERNANS PRESAGE VENTRICULAR TACHYARRHYTHMIAS IN OVINE CHRONIC MYOCARDIAL INFARCTION MODEL. <i>Heart Rhythm</i> , 2021, 18, S105-S106.	0.7	0
9	Advances in Cardiac Pacing: Arrhythmia Prediction, Prevention and Control Strategies. <i>Frontiers in Physiology</i> , 2021, 12, 783241.	2.8	4
10	Real-Time Closed-Loop Suppression of Repolarization Alternans Reduces Arrhythmia Susceptibility In Vivo. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008186.	4.8	10
11	Autonomic Modulation of Cardiac Arrhythmias. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 467-483.	3.2	45
12	Cardiac Alternans: Mechanisms and Clinical Utility in Arrhythmia Prevention. <i>Journal of the American Heart Association</i> , 2019, 8, e013750.	3.7	24
13	Utility of a Smartphone Based System (cvrPhone) to Predict Short-term Arrhythmia Susceptibility. <i>Scientific Reports</i> , 2019, 9, 14497.	3.3	16
14	Utility of a smartphone based system (cvrphone) to accurately determine apneic events from electrocardiographic signals. <i>PLoS ONE</i> , 2019, 14, e0217217.	2.5	11
15	Benchtop Optical Mapping Approaches to Study Arrhythmias. , 2019, , 35-54.		0
16	Expression and relevance of the G protein-gated K ⁺ channel in the mouse ventricle. <i>Scientific Reports</i> , 2018, 8, 1192.	3.3	19
17	Real-Time Closed Loop Diastolic Interval Control Prevents Cardiac Alternans in Isolated Whole Rabbit Hearts. <i>Annals of Biomedical Engineering</i> , 2018, 46, 555-566.	2.5	13
18	The influences of the M2R-GIRK4-RGS6 dependent parasympathetic pathway on electrophysiological properties of the mouse heart. <i>PLoS ONE</i> , 2018, 13, e0193798.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Stochastic vagus nerve stimulation affects acute heart rate dynamics in rats. PLoS ONE, 2018, 13, e0194910.	2.5	15
20	Pro-arrhythmic effect of heart rate variability during periodic pacing. , 2016, 2016, 149-152.		5
21	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
22	Real-time feedback based control of cardiac restitution using optical mapping. , 2015, 2015, 5920-3.		5
23	Miniaturized Radio Frequency Telemetric Pacemaker With Anti-Arrhythmic Pacing Protocol1. Journal of Medical Devices, Transactions of the ASME, 2014, 8, .	0.7	0