

Kedar Aras

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

707
citations

840119

11
h-index

839053

18
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25
all docs

25
docs citations

25
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiology and Arrhythmogenesis in the Human Right Ventricular Outflow Tract. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, CIRCEP121010630.	2.1	11
2	Hardware-Mappable Cellular Neural Networks for Distributed Wavefront Detection in Next-Generation Cardiac Implants. <i>Advanced Intelligent Systems</i> , 2022, 4, .	3.3	3
3	Secretome of atrial epicardial adipose tissue facilitates reentrant arrhythmias by myocardial remodeling. <i>Heart Rhythm</i> , 2022, 19, 1461-1470.	0.3	13
4	A transient, closed-loop network of wireless, body-integrated devices for autonomous electrotherapy. <i>Science</i> , 2022, 376, 1006-1012.	6.0	90
5	Chromatin Accessibility of Human Mitral Valves and Functional Assessment of MVP Risk Loci. <i>Circulation Research</i> , 2021, 128, e84-e101.	2.0	10
6	Photocurable bioresorbable adhesives as functional interfaces between flexible bioelectronic devices and soft biological tissues. <i>Nature Materials</i> , 2021, 20, 1559-1570.	13.3	114
7	Catheter-integrated soft multilayer electronic arrays for multiplexed sensing and actuation during cardiac surgery. <i>Nature Biomedical Engineering</i> , 2020, 4, 997-1009.	11.6	175
8	Genetic algorithm-based personalized models of human cardiac action potential. <i>PLoS ONE</i> , 2020, 15, e0231695.	1.1	19
9	Genetic algorithm-based personalized models of human cardiac action potential. , 2020, 15, e0231695.		0
10	Genetic algorithm-based personalized models of human cardiac action potential. , 2020, 15, e0231695.		0
11	Genetic algorithm-based personalized models of human cardiac action potential. , 2020, 15, e0231695.		0
12	Genetic algorithm-based personalized models of human cardiac action potential. , 2020, 15, e0231695.		0
13	Genetic algorithm-based personalized models of human cardiac action potential. , 2020, 15, e0231695.		0
14	Genetic algorithm-based personalized models of human cardiac action potential. , 2020, 15, e0231695.		0
15	RHYTHM: An Open Source Imaging Toolkit for Cardiac Panoramic Optical Mapping. <i>Scientific Reports</i> , 2018, 8, 2921.	1.6	58
16	Image-based modeling of acute myocardial ischemia using experimentally derived ischemic zone source representations. <i>Journal of Electrocardiology</i> , 2018, 51, 725-733.	0.4	12
17	PFEIFER: Preprocessing Framework for Electrograms Intermittently Fiducialized from Experimental Recordings. <i>Journal of Open Source Software</i> , 2018, 3, 472.	2.0	34
18	Spatial organization of acute myocardial ischemia. <i>Journal of Electrocardiology</i> , 2016, 49, 323-336.	0.4	28

#	ARTICLE	IF	CITATIONS
19	Experimental Data and Geometric Analysis Repositoryâ€”EDGAR. Journal of Electrocardiology, 2015, 48, 975-981.	0.4	58
20	Sensitivity of epicardial electrical markers to acute ischemia detection. Journal of Electrocardiology, 2014, 47, 836-841.	0.4	16
21	Verification of a Defibrillation Simulation Using Internal Electric Fields in a Human Shaped Phantom. Computing in Cardiology, 2014, 2014, 689-692.	0.4	1
22	From Genes to Organisms Via the Cell: A Problem-Solving Environment for Multicellular Development. Computing in Science and Engineering, 2007, 9, 50-60.	1.2	61