Kenta Tsutsui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4847698/publications.pdf

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34	530	933447	713466
papers	citations	10	21
		h-index	g-index

37	37	37	457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A coupled-clock system drives the automaticity of human sinoatrial nodal pacemaker cells. Science Signaling, 2018, 11, .	3.6	85
2	Synchronized Cardiac Impulses Emerge From Heterogeneous Local Calcium Signals Within and Among Cells of Pacemaker Tissue. JACC: Clinical Electrophysiology, 2020, 6, 907-931.	3.2	69
3	Electrophysiological heterogeneity of pacemaker cells in the rabbit intercaval region, including the SA node: insights from recording multiple ion currents in each cell. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H403-H414.	3.2	47
4	Heterogeneity of calcium clock functions in dormant, dysrhythmically and rhythmically firing single pacemaker cells isolated from SA node. Cell Calcium, 2018, 74, 168-179.	2.4	45
5	Deterioration of autonomic neuronal receptor signaling and mechanisms intrinsic to heart pacemaker cells contribute to ageâ€associated alterations in heart rate variability inÂvivo. Aging Cell, 2016, 15, 716-724.	6.7	44
6	Remote health diagnosis and monitoring in the time of COVID-19. Physiological Measurement, 2020, 41, 10TR01.	2.1	44
7	Overexpression of a Neuronal Type Adenylyl Cyclase (Type 8) in Sinoatrial Node Markedly Impacts Heart Rate and Rhythm. Frontiers in Neuroscience, 2019, 13, 615.	2.8	38
8	Dexmedetomidine and Clonidine Inhibit Ventricular Tachyarrhythmias in a Rabbit Model of Acquired Long QT Syndrome. Circulation Journal, 2012, 76, 2343-2347.	1.6	25
9	cAMP-Dependent Signaling Restores AP Firing in Dormant SA Node Cells via Enhancement of Surface Membrane Currents and Calcium Coupling. Frontiers in Physiology, 2021, 12, 596832.	2.8	17
10	Long QT Syndrome Associated with Adrenal Insufficiency in a Patient with Isolated Adrenocorticotropic Hormone Deficiency. Internal Medicine, 2014, 53, 2329-2331.	0.7	12
11	Potential effects of intrinsic heart pacemaker cell mechanisms on dysrhythmic cardiac action potential firing. Frontiers in Physiology, 2015, 6, 47.	2.8	12
12	Characteristics and optimal ablation settings of a novel, contactâ€force sensingÂand local impedanceâ€enabled catheter in an ex vivo perfused swine ventricle model. Journal of Cardiovascular Electrophysiology, 2021, 32, 3187-3194.	1.7	11
13	Deep Anesthesia Suppresses Ventricular Tachyarrhythmias in Rabbit Model of the Acquired Long QT Syndrome. Circulation Journal, 2011, 75, 89-93.	1.6	10
14	Computer algorithms for automated detection and analysis of local Ca2+ releases in spontaneously beating cardiac pacemaker cells. PLoS ONE, 2017, 12, e0179419.	2.5	10
15	Self-Similar Synchronization of Calcium and Membrane Potential Transitions During ActionÂPotential Cycles Predict Heart Rate Across Species. JACC: Clinical Electrophysiology, 2021, 7, 1331-1344.	3.2	8
16	The optimal ablation setting for a local impedance guided catheter in an in vitro experimental model. Journal of Cardiovascular Electrophysiology, 2021, 32, 2069-2076.	1.7	8
17	Two-directional snare technique to rescue detaching leadless pacemaker. HeartRhythm Case Reports, 2020, 6, 711-714.	0.4	7
18	Transvenous lead performance of implantable cardioverterâ€defibrillators and pacemakers. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 481-489.	1.2	7

#	Article	IF	Citations
19	Successful Treatment of Refractory Electrical Storm With Landiolol After More Than 100 Electrical Defibrillations. International Heart Journal, 2015, 56, 555-557.	1.0	6
20	Successful Catheter Ablation of Atrial Tachycardia and Atrial Fibrillation in Persistent Left Superior Vena Cava. International Heart Journal, 2010, 51, 72-74.	1.0	6
21	Beating Rate Variability of Isolated Mammal Sinoatrial Node Tissue: Insight Into Its Contribution to Heart Rate Variability. Frontiers in Neuroscience, 2020, 14, 614141.	2.8	4
22	Electrically Dormant Sinoatrial Nodal Cells (SANC) are Awakened by Increased Camp-Dependent Phosphorylation of Coupled-Clock Proteins. Biophysical Journal, 2017, 112, 402a-403a.	0.5	3
23	Ultrahigh density atrioâ€ventricular dualâ€chamber mapping as a next generation tool for ablation of accessory pathways. Journal of Cardiovascular Electrophysiology, 2021, 32, 1877-1883.	1.7	3
24	A novel mechanism of sudden infant death syndrome during atrioventricular reentrant tachycardia: a case report. European Heart Journal - Case Reports, 0, , .	0.6	3
25	Microstructural and Functional Imaging of the Intact Sinoatrial Node Detects Heterogenous Ca2+-Driven Intra and Intercellular Communications that Lead to Pacing Perfection. Biophysical Journal, 2018, 114, 213a-214a.	0.5	1
26	Effects of uninterrupted dabigatran on the intensity of anticoagulation during atrial fibrillation ablation. Journal of Arrhythmia, 2022, 38, 58-66.	1.2	1
27	Chest computer tomography is safe without additional interrogation or monitoring for modern cardiac implantable electrical devices. Journal of Cardiovascular Electrophysiology, 2022, , .	1.7	1
28	Changes in cAMP signaling are associated with age-related downregulation of spontaneously beating atrial tissue energetic indices. GeroScience, 0, , .	4.6	1
29	Hydralazine inhibits ventricular tachyarrhythmias in an acquired long QT rabbit model. Journal of Arrhythmia, 2014, 30, 157-160.	1.2	0
30	Heterogeneity in Beating and Response to Beta Adrenergic Receptor Stimulation in Isolated Single Sinoatrial Nodal Cells (SANC). Biophysical Journal, 2016, 110, 274a.	0.5	0
31	Synchronization of Local Calcium Releases (LCRs) in Guinea Pig Single, Isolated SA Node Cells Contributes to Generation of Rhythmic Action Potential-Induced Ca2+ Transients. Biophysical Journal, 2016, 110, 434a-435a.	0.5	0
32	Cardiac Anxiety. FASEB Journal, 2018, 32, lb330.	0.5	0
33	Periâ€mitral flutter with epicardial bypass after surgical maze procedure. Journal of Arrhythmia, 2022, 38, 465-467.	1.2	0
34	PO-651-08 NOVEL SLOW PATHWAY ABLATION STRATEGY TARGETING THE FRACTIONAL POTENTIALS HIGHLIGHTED BY THE LUMIPOINT MODULE. Heart Rhythm, 2022, 19, S250-S251.	0.7	0