

# Kenta Tsutsui

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

530  
citations

933447

10  
h-index

713466

21  
g-index

37  
all docs

37  
docs citations

37  
times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of uninterrupted dabigatran on the intensity of anticoagulation during atrial fibrillation ablation. <i>Journal of Arrhythmia</i> , 2022, 38, 58-66.	1.2	1
2	Peri-atrial flutter with epicardial bypass after surgical maze procedure. <i>Journal of Arrhythmia</i> , 2022, 38, 465-467.	1.2	0
3	Chest computer tomography is safe without additional interrogation or monitoring for modern cardiac implantable electrical devices. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, , .	1.7	1
4	PO-651-08 NOVEL SLOW PATHWAY ABLATION STRATEGY TARGETING THE FRACTIONAL POTENTIALS HIGHLIGHTED BY THE LUMIPOINT MODULE. <i>Heart Rhythm</i> , 2022, 19, S250-S251.	0.7	0
5	Transvenous lead performance of implantable cardioverter-defibrillators and pacemakers. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 481-489.	1.2	7
6	cAMP-Dependent Signaling Restores AP Firing in Dormant SA Node Cells via Enhancement of Surface Membrane Currents and Calcium Coupling. <i>Frontiers in Physiology</i> , 2021, 12, 596832.	2.8	17
7	Self-Similar Synchronization of Calcium and Membrane Potential Transitions During Action Potential Cycles Predict Heart Rate Across Species. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1331-1344.	3.2	8
8	Ultrahigh density atrioventricular dual-chamber mapping as a next generation tool for ablation of accessory pathways. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1877-1883.	1.7	3
9	The optimal ablation setting for a local impedance guided catheter in an in vitro experimental model. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2069-2076.	1.7	8
10	Characteristics and optimal ablation settings of a novel, contact-force sensing and local impedance-enabled catheter in an ex vivo perfused swine ventricle model. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 3187-3194.	1.7	11
11	Two-directional snare technique to rescue detaching leadless pacemaker. <i>Heart Rhythm Case Reports</i> , 2020, 6, 711-714.	0.4	7
12	Synchronized Cardiac Impulses Emerge From Heterogeneous Local Calcium Signals Within and Among Cells of Pacemaker Tissue. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 907-931.	3.2	69
13	Beating Rate Variability of Isolated Mammal Sinoatrial Node Tissue: Insight Into Its Contribution to Heart Rate Variability. <i>Frontiers in Neuroscience</i> , 2020, 14, 614141.	2.8	4
14	Remote health diagnosis and monitoring in the time of COVID-19. <i>Physiological Measurement</i> , 2020, 41, 10TR01.	2.1	44
15	Overexpression of a Neuronal Type Adenylyl Cyclase (Type 8) in Sinoatrial Node Markedly Impacts Heart Rate and Rhythm. <i>Frontiers in Neuroscience</i> , 2019, 13, 615.	2.8	38
16	Microstructural and Functional Imaging of the Intact Sinoatrial Node Detects Heterogenous Ca <sup>2+</sup> -Driven Intra and Intercellular Communications that Lead to Pacing Perfection. <i>Biophysical Journal</i> , 2018, 114, 213a-214a.	0.5	1
17	Electrophysiological heterogeneity of pacemaker cells in the rabbit intercaval region, including the SA node: insights from recording multiple ion currents in each cell. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H403-H414.	3.2	47
18	Heterogeneity of calcium clock functions in dormant, dysrhythmically and rhythmically firing single pacemaker cells isolated from SA node. <i>Cell Calcium</i> , 2018, 74, 168-179.	2.4	45

#	ARTICLE	IF	CITATIONS
19	A coupled-clock system drives the automaticity of human sinoatrial nodal pacemaker cells. <i>Science Signaling</i> , 2018, 11, .	3.6	85
20	Cardiac Anxiety. <i>FASEB Journal</i> , 2018, 32, lb330.	0.5	0
21	Electrically Dormant Sinoatrial Nodal Cells (SANC) are Awakened by Increased Camp-Dependent Phosphorylation of Coupled-Clock Proteins. <i>Biophysical Journal</i> , 2017, 112, 402a-403a.	0.5	3
22	Computer algorithms for automated detection and analysis of local Ca <sup>2+</sup> releases in spontaneously beating cardiac pacemaker cells. <i>PLoS ONE</i> , 2017, 12, e0179419.	2.5	10
23	Deterioration of autonomic neuronal receptor signaling and mechanisms intrinsic to heart pacemaker cells contribute to age-associated alterations in heart rate variability <i>in vivo</i> . <i>Aging Cell</i> , 2016, 15, 716-724.	6.7	44
24	Heterogeneity in Beating and Response to Beta Adrenergic Receptor Stimulation in Isolated Single Sinoatrial Nodal Cells (SANC). <i>Biophysical Journal</i> , 2016, 110, 274a.	0.5	0
25	Synchronization of Local Calcium Releases (LCRs) in Guinea Pig Single, Isolated SA Node Cells Contributes to Generation of Rhythmic Action Potential-Induced Ca <sup>2+</sup> Transients. <i>Biophysical Journal</i> , 2016, 110, 434a-435a.	0.5	0
26	Successful Treatment of Refractory Electrical Storm With Landiolol After More Than 100 Electrical Defibrillations. <i>International Heart Journal</i> , 2015, 56, 555-557.	1.0	6
27	Potential effects of intrinsic heart pacemaker cell mechanisms on dysrhythmic cardiac action potential firing. <i>Frontiers in Physiology</i> , 2015, 6, 47.	2.8	12
28	Hydralazine inhibits ventricular tachyarrhythmias in an acquired long QT rabbit model. <i>Journal of Arrhythmia</i> , 2014, 30, 157-160.	1.2	0
29	Long QT Syndrome Associated with Adrenal Insufficiency in a Patient with Isolated Adrenocorticotropic Hormone Deficiency. <i>Internal Medicine</i> , 2014, 53, 2329-2331.	0.7	12
30	Dexmedetomidine and Clonidine Inhibit Ventricular Tachyarrhythmias in a Rabbit Model of Acquired Long QT Syndrome. <i>Circulation Journal</i> , 2012, 76, 2343-2347.	1.6	25
31	Deep Anesthesia Suppresses Ventricular Tachyarrhythmias in Rabbit Model of the Acquired Long QT Syndrome. <i>Circulation Journal</i> , 2011, 75, 89-93.	1.6	10
32	Successful Catheter Ablation of Atrial Tachycardia and Atrial Fibrillation in Persistent Left Superior Vena Cava. <i>International Heart Journal</i> , 2010, 51, 72-74.	1.0	6
33	A novel mechanism of sudden infant death syndrome during atrioventricular reentrant tachycardia: a case report. <i>European Heart Journal - Case Reports</i> , 0, , .	0.6	3
34	Changes in cAMP signaling are associated with age-related downregulation of spontaneously beating atrial tissue energetic indices. <i>GeroScience</i> , 0, , .	4.6	1