

Hsiang-Ting Ho

List of Publications by Year in descending order

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papers

726
citations

516710

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22
docs citations

22
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1166
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-1 and -133 Increase Arrhythmogenesis in Heart Failure by Dissociating Phosphatase Activity from RyR2 Complex. PLoS ONE, 2011, 6, e28324.	2.5	134
2	Shortened Ca ²⁺ Signaling Refractoriness Underlies Cellular Arrhythmogenesis in a Postinfarction Model of Sudden Cardiac Death. Circulation Research, 2012, 110, 569-577.	4.5	99
3	Decreased RyR2 refractoriness determines myocardial synchronization of aberrant Ca ²⁺ release in a genetic model of arrhythmia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10312-10317.	7.1	53
4	Protein phosphatase 2A regulatory subunit B56 β limits phosphatase activity in the heart. Science Signaling, 2015, 8, ra72.	3.6	45
5	Rationally engineered Troponin C modulates in vivo cardiac function and performance in health and disease. Nature Communications, 2016, 7, 10794.	12.8	45
6	Ryanodine receptor phosphorylation by oxidized CaMKII contributes to the cardiotoxic effects of cardiac glycosides. Cardiovascular Research, 2014, 101, 165-174.	3.8	41
7	Neuronal Na ⁺ channel blockade suppresses arrhythmogenic diastolic Ca ²⁺ release. Cardiovascular Research, 2015, 106, 143-152.	3.8	38
8	Arrhythmogenic adverse effects of cardiac glycosides are mediated by redox modification of ryanodine receptors. Journal of Physiology, 2011, 589, 4697-4708.	2.9	36
9	Gene Transfer of Engineered Calmodulin Alleviates Ventricular Arrhythmias in a Calsequestrin β -Associated Mouse Model of Catecholaminergic Polymorphic Ventricular Tachycardia. Journal of the American Heart Association, 2018, 7, .	3.7	32
10	Neuronal Na ⁺ Channels Are Integral Components of Pro-Arrhythmic Na ⁺ /Ca ²⁺ Signaling Nanodomain That Promotes Cardiac Arrhythmias During β -Adrenergic Stimulation. JACC Basic To Translational Science, 2016, 1, 251-266.	4.1	31
11	Genetic ablation of ryanodine receptor 2 phosphorylation at Ser ²⁸⁰⁸ aggravates Ca ²⁺ -dependent cardiomyopathy by exacerbating diastolic Ca ²⁺ release. Journal of Physiology, 2014, 592, 1957-1973.	2.9	26
12	Endurance exercise training normalizes repolarization and calcium-handling abnormalities, preventing ventricular fibrillation in a model of sudden cardiac death. Journal of Applied Physiology, 2012, 113, 1772-1783.	2.5	23
13	Obligatory role of neuronal nitric oxide synthase in the heart's antioxidant adaptation with exercise. Journal of Molecular and Cellular Cardiology, 2015, 81, 54-61.	1.9	22
14	Muscarinic Stimulation Facilitates Sarcoplasmic Reticulum Ca Release by Modulating Ryanodine Receptor 2 Phosphorylation Through Protein Kinase G and Ca/Calmodulin-Dependent Protein Kinase II. Hypertension, 2016, 68, 1171-1178.	2.7	21
15	Ablation of HRC alleviates cardiac arrhythmia and improves abnormal Ca handling in CASQ2 knockout mice prone to CPVT. Cardiovascular Research, 2015, 108, 299-311.	3.8	20
16	Diesterified Nitron Rescues Nitroso-Redox Levels and Increases Myocyte Contraction Via Increased SR Ca ²⁺ Handling. PLoS ONE, 2012, 7, e52005.	2.5	18
17	The role of spatial organization of Ca ²⁺ release sites in the generation of arrhythmogenic diastolic Ca ²⁺ release in myocytes from failing hearts. Basic Research in Cardiology, 2017, 112, 44.	5.9	17
18	Ibandronate and Ventricular Arrhythmia Risk. Journal of Cardiovascular Electrophysiology, 2014, 25, 299-306.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Dietary Omega-3 Fatty Acids Promote Arrhythmogenic Remodeling of Cellular Ca ²⁺ Handling in a Postinfarction Model of Sudden Cardiac Death. PLoS ONE, 2013, 8, e78414.	2.5	9
20	Accentuated vagal antagonism paradoxically increases ryanodine receptor calcium leak in long-term exercised Calsequestrin2 knockout mice. Heart Rhythm, 2018, 15, 430-441.	0.7	5
21	Abstract 18111: Flecainide Exerts its Antiarrhythmic Action in CPVT Through Blockade of Neuronal Na ⁺ channel-mediated Arrhythmogenic Diastolic Ca ²⁺ Release. Circulation, 2015, 132, .	1.6	0
22	Abstract 17874: Aerobic Exercise Training Improves Exercise Capacity, Reduces Arrhythmia Susceptibility but Does Not Normalize Ryanodine Receptor Mediated Aberrant Calcium Release in Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation, 2015, 132, .	1.6	0