

Thomas O'Hara

List of Publications by Year in descending order

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9
papers

1,546
citations

1039406

9
h-index

1473754

9
g-index

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all docs

9
docs citations

9
times ranked

1936
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of T-Tubular Microdomains and Altered cAMP Compartmentation Lead to Emergence of Arrhythmogenic Triggers in Heart Failure Myocytes: An in silico Study. <i>Frontiers in Physiology</i> , 2018, 9, 1737.	1.3	10
2	Microdomain-Specific Modulation of L-Type Calcium Channels Leads to Triggered Ventricular Arrhythmia in Heart Failure. <i>Circulation Research</i> , 2016, 119, 944-955.	2.0	101
3	Early somatic mosaicism is a rare cause of long-QT syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11555-11560.	3.3	39
4	Cardiac Electrophysiological Substrate Underlying the ECG Phenotype and Electrogram Abnormalities in Brugada Syndrome Patients. <i>Circulation</i> , 2015, 131, 1950-1959.	1.6	139
5	Caveolin-3 regulates compartmentation of cardiomyocyte beta2-adrenergic receptor-mediated cAMP signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 67, 38-48.	0.9	103
6	Quantitative comparison of cardiac ventricular myocyte electrophysiology and response to drugs in human and nonhuman species. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1023-H1030.	1.5	117
7	Computational cardiology: how computer simulations could be used to develop new therapies and advance existing ones. <i>Europace</i> , 2012, 14, v82-v89.	0.7	36
8	Arrhythmia formation in subclinical (â€œsilentâ€œ) long QT syndrome requires multiple insults: Quantitative mechanistic study using the KCNQ1 mutation Q357R as example. <i>Heart Rhythm</i> , 2012, 9, 275-282.	0.3	41
9	Simulation of the Undiseased Human Cardiac Ventricular Action Potential: Model Formulation and Experimental Validation. <i>PLoS Computational Biology</i> , 2011, 7, e1002061.	1.5	960