

# Thomas O'Hara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1738795/publications.pdf>

Version: 2024-02-01

9  
papers

1,546  
citations

1039406

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h-index

1473754

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all docs

9  
docs citations

9  
times ranked

1936  
citing authors

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