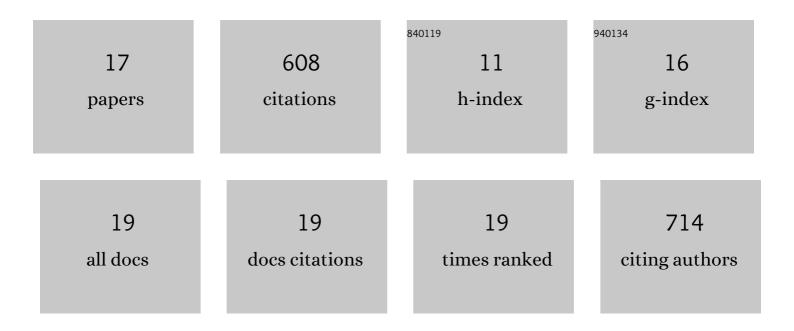


List of Publications by Year in descending order

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Χιν Ζησμ

#	Article	IF	CITATIONS
1	The virtual assay software for human in silico drug trials to augment drug cardiac testing. Journal of Computational Science, 2021, 52, 101202.	1.5	14
2	Effects of Fibre Orientation on Electrocardiographic and Mechanical Functions in a Computational Human Biventricular Model. Lecture Notes in Computer Science, 2021, , 351-361.	1.0	0
3	Human biventricular electromechanical simulations on the progression of electrocardiographic and mechanical abnormalities in post-myocardial infarction. Europace, 2021, 23, i143-i152.	0.7	15
4	Blockade of sodium‑calcium exchanger via ORM-10962 attenuates cardiac alternans. Journal of Molecular and Cellular Cardiology, 2021, 153, 111-122.	0.9	9
5	Electrophysiological and anatomical factors determine arrhythmic risk in acute myocardial ischaemia and its modulation by sodium current availability. Interface Focus, 2021, 11, 20190124.	1.5	11
6	General Principles for the Validation of Proarrhythmia Risk Prediction Models: An Extension of the CiPA <i>In Silico</i> Strategy. Clinical Pharmacology and Therapeutics, 2020, 107, 102-111.	2.3	67
7	A modeling and machine learning approach to ECG feature engineering for the detection of ischemia using pseudo-ECG. PLoS ONE, 2019, 14, e0220294.	1.1	23
8	Investigating the Complex Arrhythmic Phenotype Caused by the Gain-of-Function Mutation KCNQ1-G229D. Frontiers in Physiology, 2019, 10, 259.	1.3	13
9	Pro-arrhythmic risk assessment with a population model of human ventricular myocyte action potentials. Journal of Pharmacological and Toxicological Methods, 2019, 99, 106595.	0.3	3
10	Blinded In Silico Drug Trial Reveals the Minimum Set of Ion Channels for Torsades de Pointes Risk Assessment. Frontiers in Pharmacology, 2019, 10, 1643.	1.6	26
11	Development, calibration, and validation of a novel human ventricular myocyte model in health, disease, and drug block. ELife, 2019, 8, .	2.8	131
12	In silico evaluation of arrhythmia. Current Opinion in Physiology, 2018, 1, 95-103.	0.9	8
13	Modulation of Cardiac Alternans by Altered Sarcoplasmic Reticulum Calcium Release: A Simulation Study. Frontiers in Physiology, 2018, 9, 1306.	1.3	16
14	Effects and underlying mechanisms of refractory period pacing on repolarization dynamics in the human heart. , 2016, 2016, 157-160.		0
15	Variability in cardiac electrophysiology: Using experimentally-calibrated populations of models to move beyond the single virtual physiological human paradigm. Progress in Biophysics and Molecular Biology, 2016, 120, 115-127.	1.4	141
16	In Vivo and In Silico Investigation Into Mechanisms of Frequency Dependence of Repolarization Alternans in Human Ventricular Cardiomyocytes. Circulation Research, 2016, 118, 266-278.	2.0	68
17	The role of APC/C inhibitor Emi2/XErp1 in oscillatory dynamics of early embryonic cell cycles. Biophysical Chemistry, 2013, 177-178, 1-6.	1.5	16