Ruben Doste-Beltran

List of Publications by Year
in descending order

11 papers	**228** citations	1478505 **6** h-index	1588992 **8** g-index
15 all docs	**15** docs citations	**15** times ranked	**303** citing authors

#	Article	IF	Citations
1	Pharmacological Management of Hypertrophic Cardiomyopathy: From Bench to Bedside. Drugs, 2022, 82, 889-912.	10.9	18
2	Effects of Fibre Orientation on Electrocardiographic and Mechanical Functions in a Computational Human Biventricular Model. Lecture Notes in Computer Science, 2021, , 351-361.	1.3	0
3	Multiscale Modelling of Î²-Adrenergic Stimulation in Cardiac Electromechanical Function. Mathematics, 2021, 9, 1785.	2.2	7
4	Calibration of a fully coupled electromechanical meshless computational model of the heart with experimental data. Computer Methods in Applied Mechanics and Engineering, 2020, 364, 112869.	6.6	6
5	In silico pace-mapping: prediction of left vs. right outflow tract origin in idiopathic ventricular arrhythmias with patient-specific electrophysiological simulations. Europace, 2020, 22, 1419-1430.	1.7	10
6	Standard Quasi-Conformal Flattening of the Right and Left Atria. Lecture Notes in Computer Science, 2019, , 85-93.	1.3	3
7	A ruleâ€based method to model myocardial fiber orientation in cardiac biventricular geometries with outflow tracts. International Journal for Numerical Methods in Biomedical Engineering, 2019, 35, e3185.	2.1	78
8	Fully coupled fluidâ€electroâ€mechanical model of the human heart for supercomputers. International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e3140.	2.1	92
9	Smoothed Particle Hydrodynamics for Electrophysiological Modeling: An Alternative to Finite Element Methods. Lecture Notes in Computer Science, 2017, , 333-343.	1.3	7
10	Predicting the Origin of Outflow Tract Ventricular Arrhythmias Using Machine Learning Techniques Trained With Patient-Specific Electrophysiological Simulations. , 0, , .		3
11	PARADOXICAL PROLONGATION OF QT INTERVAL DURING EXERCISE IN PATIENTS WITH HCM: CELLULAR MECHANISMS AND IMPLICATIONS FOR DIASTOLIC FUNCTION. European Heart Journal Open, 0, , .	2.3	1