

Marco Fedele

List of Publications by Year in descending order

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papers

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citations

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docs citations

13
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	A geometric multiscale model for the numerical simulation of blood flow in the human left heart. Discrete and Continuous Dynamical Systems - Series S, 2022, 15, 2391.	1.1	22
2	A cardiac electromechanical model coupled with a lumped-parameter model for closed-loop blood circulation. Journal of Computational Physics, 2022, 457, 111083.	3.8	41
3	A computational model applied to myocardial perfusion in the human heart: From large coronaries to microvasculature. Journal of Computational Physics, 2021, 424, 109836.	3.8	23
4	Modeling cardiac muscle fibers in ventricular and atrial electrophysiology simulations. Computer Methods in Applied Mechanics and Engineering, 2021, 373, 113468.	6.6	58
5	Polygonal surface processing and mesh generation tools for the numerical simulation of the cardiac function. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3435.	2.1	40
6	B-PO05-007 RAPID AND ROBUST MAPPING OF CLINICAL DATA ON PERSONALIZED VOLUMETRIC ATRIAL GEOMETRIES. Heart Rhythm, 2021, 18, S374.	0.7	0
7	Electromechanical modeling of human ventricles with ischemic cardiomyopathy: numerical simulations in sinus rhythm and under arrhythmia. Computers in Biology and Medicine, 2021, 136, 104674.	7.0	26
8	Image-Based Computational Hemodynamics Analysis of Systolic Obstruction in Hypertrophic Cardiomyopathy. Frontiers in Physiology, 2021, 12, 787082.	2.8	12
9	An image-based computational hemodynamics study of the Systolic Anterior Motion of the mitral valve. Computers in Biology and Medicine, 2020, 123, 103922.	7.0	26
10	The Impact of Left Atrium Appendage Morphology on Stroke Risk Assessment in Atrial Fibrillation: A Computational Fluid Dynamics Study. Frontiers in Physiology, 2018, 9, 1938.	2.8	71
11	A patient-specific aortic valve model based on moving resistive immersed implicit surfaces. Biomechanics and Modeling in Mechanobiology, 2017, 16, 1779-1803.	2.8	41
12	Fractional flow reserve based on computed tomography: an overview. European Heart Journal Supplements, 2016, 18, E49-E56.	0.1	8
13	Semi-automatic three-dimensional vessel segmentation using a connected component localization of the Region-Scalable Fitting Energy. , 2015, , .		4