

Minh Tuan Duong

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

50
citations

1937685

4
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	A Transmural Path Model Improves the Definition of the Orthotropic Tissue Structure in Heart Simulations. <i>Journal of Biomechanical Engineering</i> , 2022, 144, .	1.3	2
2	Comparison of stress and stress-strain approaches for the active contraction in a rat cardiac cycle model. <i>Journal of Biomechanics</i> , 2022, 134, 110980.	2.1	3
3	Towards the simulation of active cardiac mechanics using a smoothed finite element method. <i>Journal of Biomechanics</i> , 2021, 115, 110153.	2.1	4
4	Passive mechanical properties in healthy and infarcted rat left ventricle characterised via a mixture model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104430.	3.1	9
5	Influence of passive mechanical properties in healthy and infarcted rat myocardium on the cardiac cycle. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2021, 21, .	0.2	1
6	Computational study of ventricular fibrillation by considering a strongly coupled electromechanical rat heart model. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900227.	0.2	0
7	Simulation of cardiac electromechanics of a rat left ventricle. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2018, 18, e201800326.	0.2	1
8	Modelling of compressible and orthotropic surgical mesh implants based on optical deformation measurement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 74, 400-410.	3.1	9
9	Physical response of hyperelastic models for composite materials and soft tissues. <i>Asia Pacific Journal on Computational Engineering</i> , 2015, 2, .	2.2	7
10	Influence of refrigerated storage on tensile mechanical properties of porcine liver and spleen. <i>International Biomechanics</i> , 2015, 2, 79-88.	1.0	14