

Weiwei Ai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/288219/publications.pdf>

Version: 2024-02-01

15
papers

80
citations

1684188

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h-index

1720034

7
g-index

16
all docs

16
docs citations

16
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of closed-loop modelling framework for adaptive respiratory pacemakers. Computers in Biology and Medicine, 2022, 141, 105136.	7.0	2
2	A Quantitative Model of Human Jejunal Smooth Muscle Cell Electrophysiology. Physiome, 2021, , .	0.3	0
3	A Quantitative Model of Human Jejunal Smooth Muscle Cell Electrophysiology. Physiome, 2021, , .	0.3	0
4	A Quantitative Model of Human Jejunal Smooth Muscle Cell Electrophysiology. Physiome, 2021, , .	0.3	0
5	A Quantitative Model of Human Jejunal Smooth Muscle Cell Electrophysiology. Physiome, 2021, , .	0.3	0
6	Mathematical model of excitation-contraction in a uterine smooth muscle cell. Physiome, 2021, , .	0.3	0
7	Mathematical model of excitation-contraction in a uterine smooth muscle cell. Physiome, 2021, , .	0.3	0
8	Cardiac Electrical Modeling for Closed-Loop Validation of Implantable Devices. IEEE Transactions on Biomedical Engineering, 2020, 67, 536-544.	4.2	11
9	A novel approach for model-based design of gastric pacemakers. Computers in Biology and Medicine, 2020, 116, 103576.	7.0	9
10	Closing the Loop: Validation of Implantable Cardiac Devices With Computational Heart Models. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1579-1588.	6.3	17
11	Compositional cyber-physical epidemiology of COVID-19. Scientific Reports, 2020, 10, 19537.	3.3	3
12	A Parametric Computational Model of the Action Potential of Pacemaker Cells. IEEE Transactions on Biomedical Engineering, 2018, 65, 123-130.	4.2	15
13	Towards the Emulation of the Cardiac Conduction System for Pacemaker Validation. ACM Transactions on Cyber-Physical Systems, 2018, 2, 1-26.	2.5	10
14	An intracardiac electrogram model to bridge virtual hearts and implantable cardiac devices. , 2017, 2017, 1974-1977.		7
15	Requirements-Centric Closed-Loop Validation of Implantable Cardiac Devices. , 2016, , .		6