

Mark A Walker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/772093/publications.pdf>

Version: 2024-02-01

10
papers

1,872
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

4264
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of <i>Fusobacterium</i> persistence and antibiotic response in colorectal cancer. <i>Science</i> , 2017, 358, 1443-1448.	12.6	983
2	A structural variation reference for medical and population genetics. <i>Nature</i> , 2020, 581, 444-451.	27.8	614
3	Superresolution Modeling of Calcium Release in the Heart. <i>Biophysical Journal</i> , 2014, 107, 3018-3029.	0.5	96
4	GATK PathSeq: a customizable computational tool for the discovery and identification of microbial sequences in libraries from eukaryotic hosts. <i>Bioinformatics</i> , 2018, 34, 4287-4289.	4.1	70
5	On the Adjacency Matrix of RyR2 Cluster Structures. <i>PLoS Computational Biology</i> , 2015, 11, e1004521.	3.2	33
6	Modeling calcium regulation of contraction, energetics, signaling, and transcription in the cardiac myocyte. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 37-67.	6.6	31
7	Estimating the probabilities of rare arrhythmic events in multiscale computational models of cardiac cells and tissue. <i>PLoS Computational Biology</i> , 2017, 13, e1005783.	3.2	16
8	Modeling Intercellular Transfer of Biomolecules Through Tunneling Nanotubes. <i>Bulletin of Mathematical Biology</i> , 2013, 75, 1400-1416.	1.9	10
9	Comprehensive metagenomic analysis of blastic plasmacytoid dendritic cell neoplasm. <i>Blood Advances</i> , 2020, 4, 1006-1011.	5.2	10
10	Models and Simulations as a Service: Exploring the Use of Galaxy for Delivering Computational Models. <i>Biophysical Journal</i> , 2016, 110, 1038-1043.	0.5	9