Mark A Walker

List of Publications by Year
in descending order

10 papers	**1,872** citations	1162367 **8** h-index	1372195 **10** g-index
10 all docs	**10** docs citations	**10** times ranked	**4264** citing authors

#	Article	IF	Citations
1	Analysis of *Fusobacterium* persistence and antibiotic response in colorectal cancer. Science, 2017, 358, 1443-1448.	6.0	983
2	A structural variation reference for medical and population genetics. Nature, 2020, 581, 444-451.	13.7	614
3	Superresolution Modeling of Calcium Release in the Heart. Biophysical Journal, 2014, 107, 3018-3029.	0.2	96
4	GATK PathSeq: a customizable computational tool for the discovery and identification of microbial sequences in libraries from eukaryotic hosts. Bioinformatics, 2018, 34, 4287-4289.	1.8	70
5	On the Adjacency Matrix of RyR2 Cluster Structures. PLoS Computational Biology, 2015, 11, e1004521.	1.5	33
6	Modeling calcium regulation of contraction, energetics, signaling, and transcription in the cardiac myocyte. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2016, 8, 37-67.	6.6	31
7	Estimating the probabilities of rare arrhythmic events in multiscale computational models of cardiac cells and tissue. PLoS Computational Biology, 2017, 13, e1005783.	1.5	16
8	Modeling Intercellular Transfer of Biomolecules Through Tunneling Nanotubes. Bulletin of Mathematical Biology, 2013, 75, 1400-1416.	0.9	10
9	Comprehensive metagenomic analysis of blastic plasmacytoid dendritic cell neoplasm. Blood Advances, 2020, 4, 1006-1011.	2.5	10
10	Models and Simulations as a Service: Exploring the Use of Galaxy for Delivering Computational Models. Biophysical Journal, 2016, 110, 1038-1043.	0.2	9