Michael T Cooling

List of Publications by Year
in descending order

14 papers	626 citations	933447 10 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	901 citing authors

#	Article	IF	Citations
1	The Physiome Model Repository 2. Bioinformatics, 2011, 27, 743-744.	4.1	169
2	Minimum Information About a Simulation Experiment (MIASE). PLoS Computational Biology, 2011, 7, e1001122.	3.2	133
3	Harmonizing semantic annotations for computational models in biology. Briefings in Bioinformatics, 2019, 20, 540-550.	6.5	52
4	Modeling Hypertrophic IP3 Transients in the Cardiac Myocyte. Biophysical Journal, 2007, 93, 3421-3433.	0.5	49
5	A Reappraisal of How to Build Modular, Reusable Models of Biological Systems. PLoS Computational Biology, 2014, 10, e1003849.	3.2	47
6	Sensitivity of NFAT Cycling to Cytosolic Calcium Concentration: Implications for Hypertrophic Signals in Cardiac Myocytes. Biophysical Journal, 2009, 96, 2095-2104.	0.5	38
7	Model annotation for synthetic biology: automating model to nucleotide sequence conversion. Bioinformatics, 2011, 27, 973-979.	4.1	38
8	Culture and detection of primary cilia in endothelial cell models. Cilia, 2015, 4, 11.	1.8	27
9	CellML 2.0. Journal of Integrative Bioinformatics, 2020, 17, .	1.5	24
10	Modular modelling with Physiome standards. Journal of Physiology, 2016, 594, 6817-6831.	2.9	15
11	Multiscale Modeling of Intracranial Aneurysms: Cell Signaling, Hemodynamics, and Remodeling. IEEE Transactions on Biomedical Engineering, 2011, 58, 2974-2977.	4.2	12
12	The CellML Metadata Framework 2.0 Specification. Journal of Integrative Bioinformatics, 2015, 12, 86-103.	1.5	11
13	The CellML Metadata Framework 2.0 Specification. Journal of Integrative Bioinformatics, 2015, 12, 260.	1.5	11
14	Distributed Model Construction with Virtual Parts. Methods in Molecular Biology, 2015, 1244, 301-322.	0.9	0