

MichaÑlle N Mayalu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

45
citations

2682572

2
h-index

2917675

2
g-index

14
all docs

14
docs citations

14
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic mammalian signaling circuits for robust cell population control. Cell, 2022, 185, 967-979.e12.	28.9	23
2	Multi-cell ECM compaction is predictable via superposition of nonlinear cell dynamics linearized in augmented state space. PLoS Computational Biology, 2019, 15, e1006798.	3.2	5
3	Model of Paradoxical Signaling Regulated T-Cell Population Control for Design of Synthetic Circuits. , 2019, , .		1
4	Modeling of Collective Cell Behaviors Interacting With Extracellular Matrix Using Dual Faceted Linearization. , 2018, , .		0
5	Latent space superposition of multiple solutions to predict emergent behaviors of nonlinear cellular systems. , 2017, , .		1
6	A reduced order systems approach to prediction of emergent behaviors of cellular systems. , 2016, , .		0
7	Multi-model selection of integrated mechanistic-empirical models describing T-cell response. , 2015, , .		0
8	An information-theoretic approach to integrated mechanistic-empirical modeling of cellular response based on intracellular signaling dynamics. , 2014, , .		1
9	Integrated Mechanistic-Empirical Modeling of Cellular Response Based on Intracellular Signaling Dynamics. , 2013, , .		1
10	A Time-Based Approach to Stochastic Modeling of Intracellular Signaling Events. , 2012, , .		0
11	Molecular signaling observer and predictor: A framework for closed-loop control of cell behaviors having long time delay. , 2011, , .		1