M Ali Al-Radhawi

List of Publications by Year
in descending order

13 papers	129 citations	1683934 5 h-index	1872570 6 g-index
16 all docs	16 docs citations	16 times ranked	84 citing authors

#	Article	IF	Citations
1	A mathematical model exhibiting the effect of DNA methylation on the stability boundary in cell-fate networks. Epigenetics, 2021, 16, 436-457.	1.3	13
2	Mediating Ribosomal Competition by Splitting Pools. , 2021, , .		1
3	Derivation of stationary distributions of biochemical reaction networks via structure transformation. Communications Biology, 2021, 4, 620.	2.0	8
4	Mediating Ribosomal Competition by Splitting Pools. , 2021, 5, 1555-1560.		7
5	A synthetic distributed genetic multi-bit counter. IScience, 2021, 24, 103526.	1.9	6
6	Distributed Implementation of Boolean Functions by Transcriptional Synthetic Circuits. ACS Synthetic Biology, 2020, 9, 2172-2187.	1.9	18
7	A computational framework for a Lyapunov-enabled analysis of biochemical reaction networks. PLoS Computational Biology, 2020, 16, e1007681.	1.5	14
8	Multi-modality in gene regulatory networks with slow promoter kinetics. PLoS Computational Biology, 2019, 15, e1006784.	1.5	29
9	Stochastic analysis of genetic feedback controllers to reprogram a pluripotency gene regulatory network. , 2019, 2019, 5089-5096.		3
10	Stochastic multistationarity in a model of the hematopoietic stem cell differentiation network. , 2018, 2018, 1886-1892.		2
11	Construction of robust Lyapunov functions for reaction networks. , 2016, , .		3
12	Robust Lyapunov functions for Complex Reaction Networks: An uncertain system framework. , 2014, , .		14
13	Piecewise Linear in rates Lyapunov functions for Complex Reaction Networks. , 2013, , .		11