

M Ali Al-Radhawi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12094894/publications.pdf>

Version: 2024-02-01

13
papers

129
citations

1684188

5
h-index

1872680

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. <i>Epigenetics</i> , 2021, 16, 436-457.	2.7	13
2	Mediating Ribosomal Competition by Splitting Pools. , 2021, , .		1
3	Derivation of stationary distributions of biochemical reaction networks via structure transformation. <i>Communications Biology</i> , 2021, 4, 620.	4.4	8
4	Mediating Ribosomal Competition by Splitting Pools. , 2021, 5, 1555-1560.		7
5	A synthetic distributed genetic multi-bit counter. <i>IScience</i> , 2021, 24, 103526.	4.1	6
6	Distributed Implementation of Boolean Functions by Transcriptional Synthetic Circuits. <i>ACS Synthetic Biology</i> , 2020, 9, 2172-2187.	3.8	18
7	A computational framework for a Lyapunov-enabled analysis of biochemical reaction networks. <i>PLoS Computational Biology</i> , 2020, 16, e1007681.	3.2	14
8	Multi-modality in gene regulatory networks with slow promoter kinetics. <i>PLoS Computational Biology</i> , 2019, 15, e1006784.	3.2	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