

M Ali Al-Radhawi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

129
citations

1683934

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h-index

1872570

6
g-index

16
all docs

16
docs citations

16
times ranked

84
citing authors

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