

Otto I Pulkkinen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

266
citations

1162367

8
h-index

1125271

13
g-index

21
all docs

21
docs citations

21
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Distance Matters: The Impact of Gene Proximity in Bacterial Gene Regulation. <i>Physical Review Letters</i> , 2013, 110, 198101.	2.9	112
2	Burst statistics in an early biofilm quorum sensing model: the role of spatial colony-growth heterogeneity. <i>Scientific Reports</i> , 2019, 9, 12077.	1.6	26
3	Contrasting the impact of cytotoxic and cytostatic drug therapies on tumour progression. <i>PLoS Computational Biology</i> , 2019, 15, e1007493.	1.5	26
4	Variance-corrected Michaelis-Menten equation predicts transient rates of single-enzyme reactions and response times in bacterial gene-regulation. <i>Scientific Reports</i> , 2015, 5, 17820.	1.6	23
5	Fluctuations of Hi-Hat Timing and Dynamics in a Virtuoso Drum Track of a Popular Music Recording. <i>PLoS ONE</i> , 2015, 10, e0127902.	1.1	15
6	Phase Transitions on Markovian Bipartite Graphs—an Application of the Zero-range Process. <i>Journal of Statistical Physics</i> , 2005, 119, 881-907.	0.5	13
7	Diffusion through thin membranes: Modeling across scales. <i>Physical Review E</i> , 2016, 93, 043309.	0.8	13
8	Boundary Driven Zero-Range Processes in Random Media. <i>Journal of Statistical Physics</i> , 2007, 128, 1289-1305.	0.5	12
9	Multiobjective optimization identifies cancer-selective combination therapies. <i>PLoS Computational Biology</i> , 2020, 16, e1008538.	1.5	9
10	Polymer dynamics in time-dependent periodic potentials. <i>Physical Review E</i> , 2008, 77, 061131.	0.8	7
11	Phase Transitions on Markovian Bipartite Graphs?an Application of the Zero-range Process. <i>Journal of Statistical Physics</i> , 2005, , .	0.5	4
12	Roughness of two nonintersecting one-dimensional interfaces. <i>Physical Review E</i> , 2007, 76, 041607.	0.8	4
13	Finite-size effects in dynamics of zero-range processes. <i>Physical Review E</i> , 2010, 82, 031119.	0.8	2
14	State estimation of long-range correlated non-equilibrium systems: media estimation. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, L03003.	0.9	0
15	Multiobjective optimization identifies cancer-selective combination therapies. , 2020, 16, e1008538.		0
16	Multiobjective optimization identifies cancer-selective combination therapies. , 2020, 16, e1008538.		0
17	Multiobjective optimization identifies cancer-selective combination therapies. , 2020, 16, e1008538.		0
18	Multiobjective optimization identifies cancer-selective combination therapies. , 2020, 16, e1008538.		0

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19	Multiobjective optimization identifies cancer-selective combination therapies. , 2020, 16, e1008538.		0
20	Multiobjective optimization identifies cancer-selective combination therapies. , 2020, 16, e1008538.		0