

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

#	ARTICLE	IF	CITATIONS
19	Phase Transitions on Markovian Bipartite Graphs—an Application of the Zero-range Process. Journal of Statistical Physics, 2005, 119, 881-907.	0.5	13
20	Phase Transitions on Markovian Bipartite Graphs?an Application of the Zero-range Process. Journal of Statistical Physics, 2005, , .	0.5	4