

Peter Ashcroft

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9128767/publications.pdf>

Version: 2024-02-01

21
papers

425
citations

1040056

9
h-index

940533

16
g-index

30
all docs

30
docs citations

30
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 infectivity profile correction. <i>Swiss Medical Weekly</i> , 2020, 150, w20336.	1.6	77
2	Fixation in finite populations evolving in fluctuating environments. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140663.	3.4	74
3	Quantifying the impact of quarantine duration on COVID-19 transmission. <i>ELife</i> , 2021, 10, .	6.0	66
4	On the relationship between serial interval, infectiousness profile and generation time. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20200756.	3.4	54
5	When the mean is not enough: Calculating fixation time distributions in birth-death processes. <i>Physical Review E</i> , 2015, 92, 042154.	2.1	27
6	Clonal dominance and transplantation dynamics in hematopoietic stem cell compartments. <i>PLoS Computational Biology</i> , 2017, 13, e1005803.	3.2	26
7	Stochastic Tunneling and Metastable States During the Somatic Evolution of Cancer. <i>Genetics</i> , 2015, 199, 1213-1228.	2.9	19
8	Test-trace-isolate-quarantine (TTIQ) intervention strategies after symptomatic COVID-19 case identification. <i>PLoS ONE</i> , 2022, 17, e0263597.	2.5	17
9	MPN patients with low mutant <i>JAK2</i> allele burden show late expansion restricted to erythroid and megakaryocytic lineages. <i>Blood</i> , 2020, 136, 2591-2595.	1.4	12
10	Effects of population growth on the success of invading mutants. <i>Journal of Theoretical Biology</i> , 2017, 420, 232-240.	1.7	11
11	Stochastic Gene Expression Influences the Selection of Antibiotic Resistance Mutations. <i>Molecular Biology and Evolution</i> , 2020, 37, 58-70.	8.9	8
12	The Statistical Physics of Fixation and Equilibration in Individual-Based Models. Springer Theses, 2016, , .	0.1	4
13	Myeloproliferative Neoplasms: The Long Wait for JAK2-Mutant Clone Expansion. <i>Cell Stem Cell</i> , 2021, 28, 359-361.	11.1	4
14	Hematopoietic Stem Cells Increase Quiescence during Aging. <i>Blood</i> , 2019, 134, 2484-2484.	1.4	3
15	Pattern formation in individual-based systems with time-varying parameters. <i>Physical Review E</i> , 2013, 88, 062104.	2.1	2
16	Metastable States in a Model of Cancer Initiation. Springer Theses, 2016, , 91-126.	0.1	2
17	Finite Populations in Switching Environments. Springer Theses, 2016, , 39-62.	0.1	0
18	Fixation Time Distributions in Birth-Death Processes. Springer Theses, 2016, , 63-89.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Technical Background. Springer Theses, 2016, , 11-37.	0.1	0
20	The WKB Method: A User-Guide. Springer Theses, 2016, , 127-158.	0.1	0
21	Constrained optimization of divisional load in hierarchically organized tissues during homeostasis. Journal of the Royal Society Interface, 2022, 19, 20210784.	3.4	0