

Peter Ashcroft

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

425
citations

1170033

9
h-index

1051228

16
g-index

30
all docs

30
docs citations

30
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Test-trace-isolate-quarantine (TTIQ) intervention strategies after symptomatic COVID-19 case identification. PLoS ONE, 2022, 17, e0263597.	1.1	17
2	Constrained optimization of divisional load in hierarchically organized tissues during homeostasis. Journal of the Royal Society Interface, 2022, 19, 20210784.	1.5	0
3	Quantifying the impact of quarantine duration on COVID-19 transmission. ELife, 2021, 10, .	2.8	66
4	Myeloproliferative Neoplasms: The Long Wait for JAK2-Mutant Clone Expansion. Cell Stem Cell, 2021, 28, 359-361.	5.2	4
5	On the relationship between serial interval, infectiousness profile and generation time. Journal of the Royal Society Interface, 2021, 18, 20200756.	1.5	54
6	Stochastic Gene Expression Influences the Selection of Antibiotic Resistance Mutations. Molecular Biology and Evolution, 2020, 37, 58-70.	3.5	8
7	MPN patients with low mutant <i>JAK2</i> allele burden show late expansion restricted to erythroid and megakaryocytic lineages. Blood, 2020, 136, 2591-2595.	0.6	12
8	COVID-19 infectivity profile correction. Swiss Medical Weekly, 2020, 150, w20336.	0.8	77
9	Hematopoietic Stem Cells Increase Quiescence during Aging. Blood, 2019, 134, 2484-2484.	0.6	3
10	Effects of population growth on the success of invading mutants. Journal of Theoretical Biology, 2017, 420, 232-240.	0.8	11
11	Clonal dominance and transplantation dynamics in hematopoietic stem cell compartments. PLoS Computational Biology, 2017, 13, e1005803.	1.5	26
12	Finite Populations in Switching Environments. Springer Theses, 2016, , 39-62.	0.0	0
13	Fixation Time Distributions in Birth-Death Processes. Springer Theses, 2016, , 63-89.	0.0	0
14	The Statistical Physics of Fixation and Equilibration in Individual-Based Models. Springer Theses, 2016, , .	0.0	4
15	Technical Background. Springer Theses, 2016, , 11-37.	0.0	0
16	Metastable States in a Model of Cancer Initiation. Springer Theses, 2016, , 91-126.	0.0	2
17	The WKB Method: A User-Guide. Springer Theses, 2016, , 127-158.	0.0	0
18	When the mean is not enough: Calculating fixation time distributions in birth-death processes. Physical Review E, 2015, 92, 042154.	0.8	27

#	ARTICLE	IF	CITATIONS
19	Stochastic Tunneling and Metastable States During the Somatic Evolution of Cancer. <i>Genetics</i> , 2015, 199, 1213-1228.	1.2	19
20	Fixation in finite populations evolving in fluctuating environments. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140663.	1.5	74
21	Pattern formation in individual-based systems with time-varying parameters. <i>Physical Review E</i> , 2013, 88, 062104.	0.8	2