

Lei Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5530813/publications.pdf>

Version: 2024-02-01

15
papers

356
citations

1163117

8
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	distAngsd: Fast and Accurate Inference of Genetic Distances for Next-Generation Sequencing Data. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	1
2	A frequency-amplitude coordinator and its optimal energy consumption for biological oscillators. <i>Nature Communications</i> , 2021, 12, 5894.	12.8	9
3	Favipiravir and Zanamivir Cleared Infection with Influenza B in a Severely Immunocompromised Child. <i>Clinical Infectious Diseases</i> , 2020, 71, e191-e194.	5.8	27
4	A large effective population size for established within-host influenza virus infection. <i>ELife</i> , 2020, 9, .	6.0	15
5	Mutational load causes stochastic evolutionary outcomes in acute RNA viral infection. <i>Virus Evolution</i> , 2019, 5, vez008.	4.9	14
6	Measurements of intrahost viral diversity require an unbiased diversity metric. <i>Virus Evolution</i> , 2019, 5, vey041.	4.9	52
7	Estimating the parameters of background selection and selective sweeps in <i>Drosophila</i> in the presence of gene conversion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4762-E4771.	7.1	73
8	Resolving the Conflict Between Associative Overdominance and Background Selection. <i>Genetics</i> , 2016, 203, 1315-1334.	2.9	58
9	An informational transition in conditioned Markov chains: Applied to genetics and evolution. <i>Journal of Theoretical Biology</i> , 2016, 402, 158-170.	1.7	2
10	A modified Wright-Fisher model that incorporates N_e : A variant of the standard model with increased biological realism and reduced computational complexity. <i>Journal of Theoretical Biology</i> , 2016, 393, 218-228.	1.7	6
11	The influence of genetic drift on the formation and stability of polymorphisms arising from negative frequency-dependent selection. <i>Journal of Theoretical Biology</i> , 2016, 391, 51-64.	1.7	6
12	Population structure and the rate of evolution. <i>Journal of Theoretical Biology</i> , 2015, 365, 486-495.	1.7	5
13	Exact simulation of conditioned Wright-Fisher models. <i>Journal of Theoretical Biology</i> , 2014, 363, 419-426.	1.7	6
14	The Characteristic Trajectory of a Fixing Allele: A Consequence of Fictitious Selection That Arises from Conditioning. <i>Genetics</i> , 2013, 195, 993-1006.	2.9	25
15	Complete Numerical Solution of the Diffusion Equation of Random Genetic Drift. <i>Genetics</i> , 2013, 194, 973-985.	2.9	30