

# Lei Zhao

## List of Publications by Year in descending order

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

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15  
papers

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citations

1163117

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1058476

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docs citations

18  
times ranked

542  
citing authors

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