

Alita R Burmeister

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

554
citations

1162367

8
h-index

996533

15
g-index

22
all docs

22
docs citations

22
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Pleiotropy complicates a trade-off between phage resistance and antibiotic resistance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11207-11216.	3.3	159
2	Sustained fitness gains and variability in fitness trajectories in the long-term evolution experiment with <i>Escherichia coli</i> . Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20152292.	1.2	117
3	Horizontal Gene Transfer: Figure 1.. Evolution, Medicine and Public Health, 2015, 2015, 193-194.	1.1	53
4	Trading-off and trading-up in the world of bacteria—phage evolution. Current Biology, 2020, 30, R1120-R1124.	1.8	53
5	Destabilizing mutations encode nongenetic variation that drives evolutionary innovation. Science, 2018, 359, 1542-1545.	6.0	49
6	Host coevolution alters the adaptive landscape of a virus. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161528.	1.2	39
7	Host-parasite coevolution promotes innovation through deformations in fitness landscapes. ELife, 0, 11, .	2.8	14
8	Sustained coevolution of phage Lambda and <i>Escherichia coli</i> involves inner- as well as outer-membrane defences and counter-defences. Microbiology (United Kingdom), 2021, 167, .	0.7	13
9	Evolved Populations of <i>Shigella flexneri</i> Phage Sf6 Acquire Large Deletions, Altered Genomic Architecture, and Faster Life Cycles. Genome Biology and Evolution, 2016, 8, 2827-2840.	1.1	12
10	Evolution along the parasitism-mutualism continuum determines the genetic repertoire of prophages. PLoS Computational Biology, 2020, 16, e1008482.	1.5	12
11	Fitness Costs and Benefits of Resistance to Phage Lambda in Experimentally Evolved <i>Escherichia coli</i> *. Genetic and Evolutionary Computation, 2020, , 123-143.	1.0	9
12	Bridging Trade-Offs between Traditional and Course-Based Undergraduate Research Experiences by Building Student Communication Skills, Identity, and Interest. Journal of Microbiology and Biology Education, 2021, 22, .	0.5	6
13	Fighting microbial pathogens by integrating host ecosystem interactions and evolution. BioEssays, 2021, 43, 2000272.	1.2	5
14	Evolution across the Curriculum: Microbiology. Journal of Microbiology and Biology Education, 2016, 17, 252-260.	0.5	3
15	COVID-19 and the Central Dogma: an Activity To Improve Student Learning and Engagement. Journal of Microbiology and Biology Education, 2020, 21, 50.	0.5	3
16	Complete Genome Sequence of <i>Escherichia coli</i> Bacteriophage U136B. Microbiology Resource Announcements, 2021, 10, .	0.3	1
17	Specifying the Harsh Conditions of Life: Resource Competition and Predation in the 1970s. American Naturalist, 2018, 191, 287-289.	1.0	0
18	Assembly and Annotation of the Complete Genome Sequence of T4-Like Bacteriophage 132. Microbiology Resource Announcements, 2021, 10, e0064921.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Assembly and Annotation of Escherichia coli Bacteriophage U115. Microbiology Resource Announcements, 2022, 11, e0094921.	0.3	0