

Andrei Papkou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8188563/publications.pdf>

Version: 2024-02-01

10
papers

693
citations

1039406

9
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Balancing <i>mcr-1</i> expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. <i>Nature Communications</i> , 2017, 8, 2054.	5.8	157
2	The genomic basis of Red Queen dynamics during rapid reciprocal host-pathogen coevolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 923-928.	3.3	102
3	Host-pathogen coevolution: why changing population size matters. <i>Zoology</i> , 2016, 119, 330-338.	0.6	88
4	Efflux pump activity potentiates the evolution of antibiotic resistance across <i>S. aureus</i> isolates. <i>Nature Communications</i> , 2020, 11, 3970.	5.8	79
5	Lotka-Volterra dynamics kills the Red Queen: population size fluctuations and associated stochasticity dramatically change host-parasite coevolution. <i>BMC Evolutionary Biology</i> , 2013, 13, 254.	3.2	78
6	Host-Pathogen Coevolution: The Selective Advantage of <i>Bacillus thuringiensis</i> Virulence and Its Cry Toxin Genes. <i>PLoS Biology</i> , 2015, 13, e1002169.	2.6	69
7	Identifying and exploiting genes that potentiate the evolution of antibiotic resistance. <i>Nature Ecology and Evolution</i> , 2018, 2, 1033-1039.	3.4	41
8	Compensatory mutations modulate the competitiveness and dynamics of plasmid-mediated colistin resistance in <i>Escherichia coli</i> clones. <i>ISME Journal</i> , 2020, 14, 861-865.	4.4	38
9	Host-parasite coevolution in populations of constant and variable size. <i>BMC Evolutionary Biology</i> , 2015, 15, 212.	3.2	30
10	Population size impacts host-pathogen coevolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212269.	1.2	11