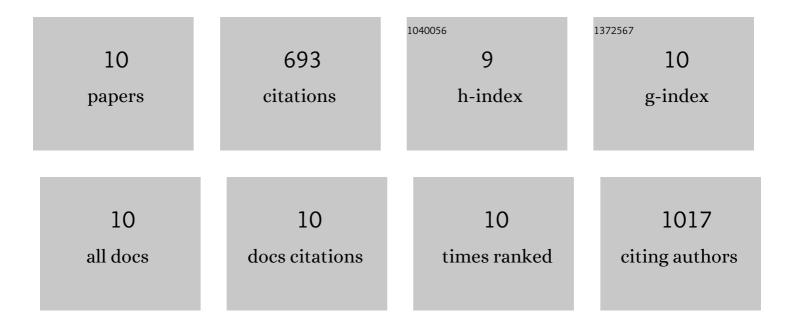
## Andrei Papkou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8188563/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Balancing mcr-1 expression and bacterial survival is a delicate equilibrium between essential cellular defence mechanisms. Nature Communications, 2017, 8, 2054.	12.8	157
2	The genomic basis of Red Queen dynamics during rapid reciprocal host–pathogen coevolution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 923-928.	7.1	102
3	Host–parasite coevolution: why changing population size matters. Zoology, 2016, 119, 330-338.	1.2	88
4	Efflux pump activity potentiates the evolution of antibiotic resistance across S. aureus isolates. Nature Communications, 2020, 11, 3970.	12.8	79
5	Lotka–Volterra dynamics kills the Red Queen: population size fluctuations and associated stochasticity dramatically change host-parasite coevolution. BMC Evolutionary Biology, 2013, 13, 254.	3.2	78
6	Host–Pathogen Coevolution: The Selective Advantage of Bacillus thuringiensis Virulence and Its Cry Toxin Genes. PLoS Biology, 2015, 13, e1002169.	5.6	69
7	Identifying and exploiting genes that potentiate the evolution of antibiotic resistance. Nature Ecology and Evolution, 2018, 2, 1033-1039.	7.8	41
8	Compensatory mutations modulate the competitiveness and dynamics of plasmid-mediated colistin resistance in <i>Escherichia coli</i> clones. ISME Journal, 2020, 14, 861-865.	9.8	38
9	Host-parasite coevolution in populations of constant and variable size. BMC Evolutionary Biology, 2015, 15, 212.	3.2	30
10	Population size impacts host–pathogen coevolution. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212269.	2.6	11