

Anna Lopatina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4063963/publications.pdf>

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12
papers

1,383
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic discovery of antiphage defense systems in the microbial pangenome. <i>Science</i> , 2018, 359, .	12.6	776
2	Abortive Infection: Bacterial Suicide as an Antiviral Immune Strategy. <i>Annual Review of Virology</i> , 2020, 7, 371-384.	6.7	247
3	Rapid evolutionary turnover of mobile genetic elements drives bacterial resistance to phages. <i>Science</i> , 2021, 374, 488-492.	12.6	96
4	Widespread Utilization of Peptide Communication in Phages Infecting Soil and Pathogenic Bacteria. <i>Cell Host and Microbe</i> , 2019, 25, 746-755.e5.	11.0	77
5	Function of the CRISPR-Cas System of the Human Pathogen <i>Clostridium difficile</i> . <i>MBio</i> , 2015, 6, e01112-15.	4.1	57
6	Dynamics of <i>Escherichia coli</i> type I CRISPR spacers over 42,000 years. <i>Molecular Ecology</i> , 2017, 26, 2019-2026.	3.9	29
7	Natural diversity of CRISPR spacers of <i>Thermus</i> : evidence of local spacer acquisition and global spacer exchange. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180092.	4.0	21
8	Complete genome sequence of <i>Halanaeroarchaeum sulfurreducens</i> M27-SA2, a sulfur-reducing and acetate-oxidizing haloarchaeon from the deep-sea hypersaline anoxic lake Medee. <i>Standards in Genomic Sciences</i> , 2016, 11, 35.	1.5	15
9	Viral genome packaging terminase cleaves DNA using the canonical RuvC-like two-metal catalysis mechanism. <i>Nucleic Acids Research</i> , 2017, 45, gkw1354.	14.5	15
10	Analysis of defence systems and a conjugative IncP1 plasmid in the marine polyaromatic hydrocarbons-degrading bacterium <i>Cycloclasticus</i> sp. 78. <i>Environmental Microbiology Reports</i> , 2016, 8, 508-519.	2.4	5
11	Molecular basis of RNA polymerase promoter specificity switch revealed through studies of <i>Thermus</i> bacteriophage transcription regulator. <i>Bacteriophage</i> , 2014, 4, e29399.	1.9	3
12	CRISPR-Cas: Spacer Diversity Determines the Efficiency of Defense. <i>Current Biology</i> , 2016, 26, R683-R685.	3.9	1