

Arnaud Gutierrez

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,234
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1932
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased energy demand from anabolic-catabolic processes drives β -lactam antibiotic lethality. <i>Cell Chemical Biology</i> , 2022, 29, 276-286.e4.	5.2	20
2	Engineering gene overlaps to sustain genetic constructs in vivo. <i>PLoS Computational Biology</i> , 2021, 17, e1009475.	3.2	7
3	A multiplexable assay for screening antibiotic lethality against drug-tolerant bacteria. <i>Nature Methods</i> , 2019, 16, 303-306.	19.0	30
4	Our Evolving Understanding of the Mechanism of Quinolones. <i>Antibiotics</i> , 2018, 7, 32.	3.7	21
5	Carbon Sources Tune Antibiotic Susceptibility in <i>Pseudomonas aeruginosa</i> via Tricarboxylic Acid Cycle Control. <i>Cell Chemical Biology</i> , 2017, 24, 195-206.	5.2	264
6	Understanding and Sensitizing Density-Dependent Persistence to Quinolone Antibiotics. <i>Molecular Cell</i> , 2017, 68, 1147-1154.e3.	9.7	105
7	A role for the bacterial GATC methylome in antibiotic stress survival. <i>Nature Genetics</i> , 2016, 48, 581-586.	21.4	85
8	Antibiotic efficacy is linked to bacterial cellular respiration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8173-8180.	7.1	544
9	Bacterial Responses and Genome Instability Induced by Subinhibitory Concentrations of Antibiotics. <i>Antibiotics</i> , 2013, 2, 100-114.	3.7	75
10	<i>Escherichia coli</i> YafP protein modulates DNA damaging property of the nitroaromatic compounds. <i>Nucleic Acids Research</i> , 2011, 39, 4192-4201.	14.5	12
11	Predation and Disturbance Interact to Shape Prey Species Diversity. <i>American Naturalist</i> , 2007, 170, 143-154.	2.1	59
12	Predation and Disturbance Interact to Shape Prey Species Diversity. <i>American Naturalist</i> , 2007, 170, 143.	2.1	5
13	EXPERIMENTAL EVOLUTION OF RESISTANCE IN <i>PARAMECIUM CAUDATUM</i> AGAINST THE BACTERIAL PARASITE <i>HOLOSPORA UNDULATA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1177.	2.3	4