

Arnaud Gutierrez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6946805/publications.pdf>

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