

Virginia Lioy

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

766
citations

759233

12
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888059

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22
all docs

22
docs citations

22
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Structuring of the E.Âcoli Chromosome by Nucleoid-Associated and Condensin Proteins. <i>Cell</i> , 2018, 172, 771-783.e18.	28.9	285
2	A toxinâ€“antitoxin module as a target for antimicrobial development. <i>Plasmid</i> , 2010, 63, 31-39.	1.4	70
3	pSM19035-encoded Î¶ toxin induces stasis followed by death in a subpopulation of cells. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2365-2379.	1.8	54
4	Characterization of diacetylenic liposomes as carriers for oral vaccines. <i>Chemistry and Physics of Lipids</i> , 2003, 122, 191-203.	3.2	47
5	Plasmid pSM19035, a model to study stable maintenance in Firmicutes. <i>Plasmid</i> , 2010, 64, 1-17.	1.4	40
6	Distinct Activities of Bacterial Condensins for Chromosome Management in <i>Pseudomonas aeruginosa</i> . <i>Cell Reports</i> , 2020, 33, 108344.	6.4	40
7	Molecular anatomy of the <i>Streptococcus pyogenes</i> pSM19035 partition and segrosome complexes. <i>Nucleic Acids Research</i> , 2011, 39, 2624-2637.	14.5	37
8	Aminoglycoside resistance 16S rRNA methyltransferases block endogenous methylation, affect translation efficiency and fitness of the host. <i>Rna</i> , 2014, 20, 382-391.	3.5	36
9	The Î¶ Toxin Induces a Set of Protective Responses and Dormancy. <i>PLoS ONE</i> , 2012, 7, e30282.	2.5	35
10	Dynamics of the compartmentalized <i>Streptomyces</i> chromosome during metabolic differentiation. <i>Nature Communications</i> , 2021, 12, 5221.	12.8	30
11	Multiscale Dynamic Structuring of Bacterial Chromosomes. <i>Annual Review of Microbiology</i> , 2021, 75, 541-561.	7.3	22
12	A low Smc flux avoids collisions and facilitates chromosome organization in <i>Bacillus subtilis</i> . <i>ELife</i> , 2021, 10, .	6.0	20
13	Role of Toxin Î¶ and Starvation Responses in the Sensitivity to Antimicrobials. <i>PLoS ONE</i> , 2014, 9, e86615.	2.5	15
14	ParAB Partition Dynamics in Firmicutes: Nucleoid Bound ParA Captures and Tethers ParB-Plasmid Complexes. <i>PLoS ONE</i> , 2015, 10, e0131943.	2.5	10
15	Toxin Î¶ Triggers a Survival Response to Cope with Stress and Persistence. <i>Frontiers in Microbiology</i> , 2017, 8, 1130.	3.5	9
16	Conformational Studies of Bacterial Chromosomes by High-Throughput Sequencing Methods. <i>Methods in Enzymology</i> , 2018, 612, 25-45.	1.0	7
17	Computational Tools for the Multiscale Analysis of Hi-C Data in Bacterial Chromosomes. <i>Methods in Molecular Biology</i> , 2022, 2301, 197-207.	0.9	4