

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	762 citations	14 h-index	27 g-index
27 ext. papers	1,001 ext. citations	6.6 avg, IF	4.17 L-index

#	Paper	IF	Citations
26	Broad host range plasmids can invade an unexpectedly diverse fraction of a soil bacterial community. <i>ISME Journal</i> , 2015 , 9, 934-45	11.9	202
25	Metal stressors consistently modulate bacterial conjugal plasmid uptake potential in a phylogenetically conserved manner. <i>ISME Journal</i> , 2017 , 11, 152-165	11.9	68
24	Hda-mediated inactivation of the DnaA protein and dnaA gene autoregulation act in concert to ensure homeostatic maintenance of the Escherichia coli chromosome. <i>Genes and Development</i> , 2006 , 20, 2121-34	12.6	62
23	Exploring the immediate and long-term impact on bacterial communities in soil amended with animal and urban organic waste fertilizers using pyrosequencing and screening for horizontal transfer of antibiotic resistance. <i>FEMS Microbiology Ecology</i> , 2014 , 90, 206-24	4.3	55
22	Long-term industrial metal contamination unexpectedly shaped diversity and activity response of sediment microbiome. <i>Journal of Hazardous Materials</i> , 2018 , 344, 299-307	12.8	52
21	Deciphering conjugative plasmid permissiveness in wastewater microbiomes. <i>Molecular Ecology</i> , 2017 , 26, 3556-3571	5.7	41
20	Monitoring plasmid-mediated horizontal gene transfer in microbiomes: recent advances and future perspectives. <i>Plasmid</i> , 2018 , 99, 56-67	3.3	33
19	Coordinated replication and sequestration of oriC and dnaA are required for maintaining controlled once-per-cell-cycle initiation in Escherichia coli. <i>Journal of Bacteriology</i> , 2005 , 187, 5605-13	3.5	33
18	Multiple DNA Binding Proteins Contribute to Timing of Chromosome Replication in E. coli. <i>Frontiers in Molecular Biosciences</i> , 2016 , 3, 29	5.6	27
17	Response of the bacterial community in an on-farm biopurification system, to which diverse pesticides are introduced over an agricultural season. <i>Environmental Pollution</i> , 2017 , 229, 854-862	9.3	25
16	Phenotypic variability in bioprocessing conditions can be tracked on the basis of on-line flow cytometry and fits to a scaling law. <i>Biotechnology Journal</i> , 2015 , 10, 1316-25	5.6	23
15	An improved method for including upper size range plasmids in metamobilomes. <i>PLoS ONE</i> , 2014 , 9, e104405	3.7	23
14	Diverse gene functions in a soil mobilome. <i>Soil Biology and Biochemistry</i> , 2016 , 101, 175-183	7.5	16
13	An intriguing relationship between the cyclic diguanylate signaling system and horizontal gene transfer. <i>ISME Journal</i> , 2018 , 12, 2330-2334	11.9	16
12	Enhanced plasmid loss in bacterial populations exposed to the antimicrobial compound irgasan delivered from interpenetrating polymer network silicone hydrogels. <i>Plasmid</i> , 2016 , 87-88, 72-78	3.3	13
11	Type 3 Fimbriae Encoded on Plasmids Are Expressed from a Unique Promoter without Affecting Host Motility, Facilitating an Exceptional Phenotype That Enhances Conjugal Plasmid Transfer. <i>PLoS ONE</i> , 2016 , 11, e0162390	3.7	12
10	A Robust Proton Flux (pHlux) Assay for Studying the Function and Inhibition of the Influenza A M2 Proton Channel. <i>Biochemistry</i> , 2018 , 57, 5949-5956	3.2	11

9	Inhibition of Escherichia coli chromosome replication by rifampicin treatment or during the stringent response is overcome by de novo DnaA protein synthesis. <i>Molecular Microbiology</i> , 2020 , 114, 906-919	4.1	10
8	Fluorescence Recovery Allows the Implementation of a Fluorescence Reporter Gene Platform Applicable for the Detection and Quantification of Horizontal Gene Transfer in Anoxic Environments. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	10
7	Countermeasures to survive excessive chromosome replication in Escherichia coli. <i>Current Genetics</i> , 2018 , 64, 71-79	2.9	10
6	Epigenetic Memories: The Hidden Drivers of Bacterial Persistence?. <i>Trends in Microbiology</i> , 2021 , 29, 190-194	12.4	7
5	Selection and propagation of IncP conjugative plasmids following long-term anthropogenic metal pollution in river sediments. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121173	12.8	6
4	Bacterial Chromosome Replication and DNA Repair During the Stringent Response. <i>Frontiers in Microbiology</i> , 2020 , 11, 582113	5.7	4
3	An improved direct metamobilome approach increases the detection of larger-sized circular elements across kingdoms. <i>Plasmid</i> , 2021 , 115, 102576	3.3	2
2	A Novel and Direct Metamobilome Approach improves the Detection of Larger-sized Circular Elements across Kingdoms		1
1	HipA-Mediated Phosphorylation of SeqA Does not Affect Replication Initiation in. <i>Frontiers in Microbiology</i> , 2018 , 9, 2637	5.7	0