

Todd A Gray

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

723
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Leaderless Transcripts and Small Proteins Are Common Features of the Mycobacterial Translational Landscape. <i>PLoS Genetics</i> , 2015, 11, e1005641.	3.5	207
2	Distributive Conjugal Transfer in Mycobacteria Generates Progeny with Meiotic-Like Genome-Wide Mosaicism, Allowing Mapping of a Mating Identity Locus. <i>PLoS Biology</i> , 2013, 11, e1001602.	5.6	96
3	Distributive Conjugal Transfer: New Insights into Horizontal Gene Transfer and Genetic Exchange in Mycobacteria. <i>Microbiology Spectrum</i> , 2014, 2, .	3.0	67
4	Intercellular communication and conjugation are mediated by ESX secretion systems in mycobacteria. <i>Science</i> , 2016, 354, 347-350.	12.6	65
5	Zinc depletion induces ribosome hibernation in mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8191-8196.	7.1	64
6	Blending genomes: distributive conjugal transfer in mycobacteria, a sexier form of HGT. <i>Molecular Microbiology</i> , 2018, 108, 601-613.	2.5	63
7	Membrane-partitioned cell wall synthesis in mycobacteria. <i>ELife</i> , 2021, 10, .	6.0	30
8	Pervasive translation in <i>Mycobacterium tuberculosis</i> . <i>ELife</i> , 2022, 11, .	6.0	25
9	Direct cell-cell contact activates SigM to express the ESX-4 secretion system in <i>Mycobacterium smegmatis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6595-E6603.	7.1	22
10	Polycysteine-encoding leaderless short ORFs function as cysteine-responsive attenuators of operonic gene expression in mycobacteria. <i>Molecular Microbiology</i> , 2020, 114, 93-108.	2.5	21
11	Spatiotemporal localization of proteins in mycobacteria. <i>Cell Reports</i> , 2021, 37, 110154.	6.4	16
12	Draft Genome Sequence of MKD8, a Conjugal Recipient <i>Mycobacterium smegmatis</i> Strain. <i>Genome Announcements</i> , 2013, 1, e0014813.	0.8	8
13	Reply to Tobiasson et al.: Zinc depletion is a specific signal for induction of ribosome hibernation in mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2398-2399.	7.1	8
14	A Polymorphic Gene within the <i>Mycobacterium smegmatis</i> <i>esx1</i> Locus Determines Mycobacterial Self-Identity and Conjugal Compatibility. <i>MBio</i> , 2022, 13, e0021322.	4.1	5
15	Application of Distributive Conjugal DNA Transfer in <i>Mycobacterium smegmatis</i> To Establish a Genome-Wide Synthetic Genetic Array. <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	3
16	Distributive Conjugal Transfer: New Insights into Horizontal Gene Transfer and Genetic Exchange in Mycobacteria. , 0, , 61-79.		0