

Manohary Rajendram

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

638
citations

840585

11
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

1079
citing authors

#	ARTICLE	IF	CITATIONS
1	A Gut Commensal-Produced Metabolite Mediates Colonization Resistance to Salmonella Infection. <i>Cell Host and Microbe</i> , 2018, 24, 296-307.e7.	5.1	329
2	Mechanical Genomics Identifies Diverse Modulators of Bacterial Cell Stiffness. <i>Cell Systems</i> , 2016, 2, 402-411.	2.9	48
3	Anionic Phospholipids Stabilize RecA Filament Bundles in <i>Escherichia coli</i> . <i>Molecular Cell</i> , 2015, 60, 374-384.	4.5	45
4	Morphological and Transcriptional Responses to CRISPRi Knockdown of Essential Genes in <i>Escherichia coli</i> . <i>MBio</i> , 2021, 12, e0256121.	1.8	38
5	Environmental and Physiological Factors Affecting High-Throughput Measurements of Bacterial Growth. <i>MBio</i> , 2020, 11, .	1.8	34
6	Quantifying rapid bacterial evolution and transmission within the mouse intestine. <i>Cell Host and Microbe</i> , 2021, 29, 1454-1468.e4.	5.1	27
7	Gyramides Prevent Bacterial Growth by Inhibiting DNA Gyrase and Altering Chromosome Topology. <i>ACS Chemical Biology</i> , 2014, 9, 1312-1319.	1.6	26
8	Marine Mammal Microbiota Yields Novel Antibiotic with Potent Activity Against <i>Clostridium difficile</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 59-67.	1.8	22
9	Ionic Hydrogen Bonds and Lipid Packing Defects Determine the Binding Orientation and Insertion Depth of RecA on Multicomponent Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8424-8437.	1.2	20
10	Effects of fixation on bacterial cellular dimensions and integrity. <i>IScience</i> , 2021, 24, 102348.	1.9	18
11	Bacterial Swarming Reduces <i>Proteus mirabilis</i> and <i>Vibrio parahaemolyticus</i> Cell Stiffness and Increases β -Lactam Susceptibility. <i>MBio</i> , 2019, 10, .	1.8	17
12	Maspin binds to cardiolipin in mitochondria and triggers apoptosis. <i>FASEB Journal</i> , 2019, 33, 6354-6364.	0.2	8