

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