

Veronica L Wells

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

694
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1020
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Gain of function variants of FtsA form diverse oligomeric structures on lipids and enhance FtsZ protofilament bundling. <i>Molecular Microbiology</i> , 2018, 109, 676-693. | 2.5 | 31 |
| 2 | Impact of Membrane Phospholipid Alterations in <i>Escherichia coli</i> on Cellular Function and Bacterial Stress Adaptation. <i>Journal of Bacteriology</i> , 2017, 199, . | 2.2 | 179 |
| 3 | Proximity Interactions among Basal Body Components in <i>Trypanosoma brucei</i> Identify Novel Regulators of Basal Body Biogenesis and Inheritance. <i>MBio</i> , 2017, 8, . | 4.1 | 44 |
| 4 | <i>Escherichia coli</i> FtsA forms lipid-bound minirings that antagonize lateral interactions between FtsZ protofilaments. <i>Nature Communications</i> , 2017, 8, 15957. | 12.8 | 61 |
| 5 | A mutation in <i>E. coli</i> <i>ftsZ</i> bypasses the requirement for the essential division gene <i>zipA</i> and confers resistance to FtsZ assembly inhibitors by stabilizing protofilament bundling. <i>Molecular Microbiology</i> , 2015, 97, 988-1005. | 2.5 | 41 |
| 6 | The Min system and other nucleoid-independent regulators of Z ring positioning. <i>Frontiers in Microbiology</i> , 2015, 6, 478. | 3.5 | 110 |
| 7 | The bacterial divisome: ready for its close-up. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20150028. | 4.0 | 41 |
| 8 | Asymmetric Constriction of Dividing <i>Escherichia coli</i> Cells Induced by Expression of a Fusion between Two Min Proteins. <i>Journal of Bacteriology</i> , 2014, 196, 2089-2100. | 2.2 | 6 |
| 9 | 3D-SIM Super-resolution of FtsZ and Its Membrane Tethers in <i>Escherichia coli</i> Cells. <i>Biophysical Journal</i> , 2014, 107, L17-L20. | 0.5 | 85 |
| 10 | The bacterial Min system. <i>Current Biology</i> , 2013, 23, R553-R556. | 3.9 | 89 |
| 11 | A new slant to the Z ring and bacterial cell branch formation. <i>Molecular Microbiology</i> , 2012, 84, 199-202. | 2.5 | 6 |