Veronica L Wells

List of Publications by Year
in descending order

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