

Hannah H Tuson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

1,022
citations

13
h-index

16
g-index

16
ext. papers

1,220
ext. citations

5.6
avg. IF

4.57
L-index

#	Paper	IF	Citations
15	Bacteria-surface interactions. <i>Soft Matter</i> , 2013 , 9, 4368-4380	3.6	381
14	Measuring the stiffness of bacterial cells from growth rates in hydrogels of tunable elasticity. <i>Molecular Microbiology</i> , 2012 , 84, 874-91	4.1	146
13	Dynamic self-assembly of motile bacteria in liquid crystals. <i>Soft Matter</i> , 2014 , 10, 88-95	3.6	92
12	Quorum sensing between <i>Pseudomonas aeruginosa</i> biofilms accelerates cell growth. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5966-75	16.4	64
11	Studying the dynamics of flagella in multicellular communities of <i>Escherichia coli</i> by using biarsenical dyes. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 1241-50	4.8	50
10	Flagellum density regulates <i>Proteus mirabilis</i> swarmer cell motility in viscous environments. <i>Journal of Bacteriology</i> , 2013 , 195, 368-77	3.5	49
9	Unveiling the inner workings of live bacteria using super-resolution microscopy. <i>Analytical Chemistry</i> , 2015 , 87, 42-63	7.8	45
8	A single-molecule Hershey-Chase experiment. <i>Current Biology</i> , 2012 , 22, 1339-43	6.3	43
7	Anionic Phospholipids Stabilize RecA Filament Bundles in <i>Escherichia coli</i> . <i>Molecular Cell</i> , 2015 , 60, 374-84	7.6	36
6	Kishner's reduction of 2-furylhydrazone gives 2-methylene-2,3-dihydrofuran, a highly reactive ene in the ene reaction. <i>Journal of Organic Chemistry</i> , 2005 , 70, 2862-5	4.2	29
5	The Starch Utilization System Assembles around Stationary Starch-Binding Proteins. <i>Biophysical Journal</i> , 2018 , 115, 242-250	2.9	28
4	Polyacrylamide hydrogels as substrates for studying bacteria. <i>Chemical Communications</i> , 2012 , 48, 1595-7	3.8	23
3	Furan approach to vitamin D analogues. Synthesis of the A-ring of calcitriol and 1-hydroxy-3-deoxyvitamin D(3). <i>Journal of Organic Chemistry</i> , 2010 , 75, 6820-9	4.2	15
2	Addressing the Requirements of High-Sensitivity Single-Molecule Imaging of Low-Copy-Number Proteins in Bacteria. <i>ChemPhysChem</i> , 2016 , 17, 1435-40	3.2	11
1	Resolving Fast, Confined Diffusion in Bacteria with Image Correlation Spectroscopy. <i>Biophysical Journal</i> , 2016 , 110, 2241-51	2.9	10