Hannah H Tuson

List of Publications by Year
in descending order

16 papers	1,370 citations	686830 13 h-index	996533 15 g-index
16 all docs	16 docs citations	16 times ranked	2569 citing authors

#	Article	IF	Citations
1	Bacteriaâ€“surface interactions. Soft Matter, 2013, 9, 4368.	1.2	549
2	Measuring the stiffness of bacterial cells from growth rates in hydrogels of tunable elasticity. Molecular Microbiology, 2012, 84, 874-891.	1.2	212
3	Dynamic self-assembly of motile bacteria in liquid crystals. Soft Matter, 2014, 10, 88-95.	1.2	106
4	Quorum Sensing between Pseudomonas aeruginosa Biofilms Accelerates Cell Growth. Journal of the American Chemical Society, 2011, 133, 5966-5975.	6.6	73
5	Flagellum Density Regulates Proteus mirabilis Swarmer Cell Motility in Viscous Environments. Journal of Bacteriology, 2013, 195, 368-377.	1.0	65
6	Unveiling the Inner Workings of Live Bacteria Using Super-Resolution Microscopy. Analytical Chemistry, 2015, 87, 42-63.	3.2	62
7	Studying the Dynamics of Flagella in Multicellular Communities of Escherichia coli by Using Biarsenical Dyes. Applied and Environmental Microbiology, 2010, 76, 1241-1250.	1.4	55
8	A Single-Molecule Hershey-Chase Experiment. Current Biology, 2012, 22, 1339-1343.	1.8	52
9	Anionic Phospholipids Stabilize RecA Filament Bundles in Escherichia coli. Molecular Cell, 2015, 60, 374-384.	4.5	45
10	The Starch Utilization System Assembles around Stationary Starch-Binding Proteins. Biophysical Journal, 2018, 115, 242-250.	0.2	42
11	Kishner's Reduction of 2-Furylhydrazone Gives 2-Methylene-2,3-dihydrofuran, a Highly Reactive Ene in the Ene Reaction. Journal of Organic Chemistry, 2005, 70, 2862-2865.	1.7	32
12	Polyacrylamide hydrogels as substrates for studying bacteria. Chemical Communications, 2012, 48, 1595-1597.	2.2	31
13	Furan Approach to Vitamin D Analogues. Synthesis of the A-Ring of Calcitriol and 1Î±-Hydroxy-3-deoxyvitamin D₃. Journal of Organic Chemistry, 2010, 75, 6820-6829.	1.7	17
14	Resolving Fast, Confined Diffusion in Bacteria with Image Correlation Spectroscopy. Biophysical Journal, 2016, 110, 2241-2251.	0.2	16
15	Addressing the Requirements of Highâ€Sensitivity Singleâ€Molecule Imaging of Lowâ€Copyâ€Number Proteins in Bacteria. ChemPhysChem, 2016, 17, 1435-1440.	1.0	13
16	Kishnerâ€²s Reduction of 2-Furylhydrazone Gives 2-Methylene-2,3-dihydrofuran, a Highly Reactive Ene in the Ene Reaction.. ChemInform, 2005, 36, no.	0.1	0