

Hannah H Tuson

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,370
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2569
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteriaâ€™ surface interactions. <i>Soft Matter</i> , 2013, 9, 4368.	2.7	549
2	Measuring the stiffness of bacterial cells from growth rates in hydrogels of tunable elasticity. <i>Molecular Microbiology</i> , 2012, 84, 874-891.	2.5	212
3	Dynamic self-assembly of motile bacteria in liquid crystals. <i>Soft Matter</i> , 2014, 10, 88-95.	2.7	106
4	Quorum Sensing between <i>Pseudomonas aeruginosa</i> Biofilms Accelerates Cell Growth. <i>Journal of the American Chemical Society</i> , 2011, 133, 5966-5975.	13.7	73
5	Flagellum Density Regulates <i>Proteus mirabilis</i> Swarmer Cell Motility in Viscous Environments. <i>Journal of Bacteriology</i> , 2013, 195, 368-377.	2.2	65
6	Unveiling the Inner Workings of Live Bacteria Using Super-Resolution Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 42-63.	6.5	62
7	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, 1241-1250.	3.1	55
8	A Single-Molecule Hershey-Chase Experiment. <i>Current Biology</i> , 2012, 22, 1339-1343.	3.9	52
9	Anionic Phospholipids Stabilize RecA Filament Bundles in <i>Escherichia coli</i> . <i>Molecular Cell</i> , 2015, 60, 374-384.	9.7	45
10	The Starch Utilization System Assembles around Stationary Starch-Binding Proteins. <i>Biophysical Journal</i> , 2018, 115, 242-250.	0.5	42
11	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, 2862-2865.	3.2	32
12	Polyacrylamide hydrogels as substrates for studying bacteria. <i>Chemical Communications</i> , 2012, 48, 1595-1597.	4.1	31
13	Furan Approach to Vitamin D Analogues. Synthesis of the A-Ring of Calcitriol and 1 \pm -Hydroxy-3-deoxyvitamin D ₃ . <i>Journal of Organic Chemistry</i> , 2010, 75, 6820-6829.	3.2	17
14	Resolving Fast, Confined Diffusion in Bacteria with Image Correlation Spectroscopy. <i>Biophysical Journal</i> , 2016, 110, 2241-2251.	0.5	16
15	Addressing the Requirements of Highâ€™Sensitivity Singleâ€™Molecule Imaging of Lowâ€™Copyâ€™Number Proteins in Bacteria. <i>ChemPhysChem</i> , 2016, 17, 1435-1440.	2.1	13
16	Kishnerâ€™s Reduction of 2-Furylhydrazone Gives 2-Methylene-2,3-dihydrofuran, a Highly Reactive Ene in the Ene Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.0	0