

# Hannah H Tuson

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5750501/hannah-h-tuson-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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