

# Nuris Figueroa Morales

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8322953/publications.pdf>

Version: 2024-02-01

9  
papers

252  
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1307366  
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docs citations

9  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oscillatory surface rheotaxis of swimming <i>E. coli</i> bacteria. <i>Nature Communications</i> , 2019, 10, 3434.	5.8	73
2	Living on the edge: transfer and traffic of <i>E. coli</i> in a confined flow. <i>Soft Matter</i> , 2015, 11, 6284-6293.	1.2	59
3	Swimming bacteria in Poiseuille flow: The quest for active Bretherton-Jeffery trajectories. <i>Europhysics Letters</i> , 2019, 126, 44003.	0.7	29
4	<i>E. coli</i> super-contaminates narrow ducts fostered by broad run-time distribution. <i>Science Advances</i> , 2020, 6, eaay0155.	4.7	29
5	Mechanical shear controls bacterial penetration in mucus. <i>Scientific Reports</i> , 2019, 9, 9713.	1.6	24
6	Lagrangian 3D tracking of fluorescent microscopic objects in motion. <i>Review of Scientific Instruments</i> , 2017, 88, 055106.	0.6	19
7	3D Spatial Exploration by <i>E. coli</i> Echoes Motor Temporal Variability. <i>Physical Review X</i> , 2020, 10, .	2.8	14
8	Stochastic approximation to the T cell mediated specific response of the immune system. <i>Journal of Theoretical Biology</i> , 2012, 295, 37-46.	0.8	3
9	On the role of intrinsic noise on the response of the p53-Mdm2 module. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P09015.	0.9	2