

Hannah Jeckel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5784338/publications.pdf>

Version: 2024-02-01

10
papers

589
citations

1040056
9
h-index

1199594
12
g-index

16
all docs

16
docs citations

16
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative image analysis of microbial communities with BiofilmQ. Nature Microbiology, 2021, 6, 151-156.	13.3	181
2	Learning the space-time phase diagram of bacterial swarm expansion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1489-1494.	7.1	86
3	Vibrio cholerae Combines Individual and Collective Sensing to Trigger Biofilm Dispersal. Current Biology, 2017, 27, 3359-3366.e7.	3.9	83
4	Breakdown of Vibrio cholerae biofilm architecture induced by antibiotics disrupts community barrier function. Nature Microbiology, 2019, 4, 2136-2145.	13.3	64
5	Advances and opportunities in image analysis of bacterial cells and communities. FEMS Microbiology Reviews, 2021, 45, .	8.6	52
6	Flow-Induced Symmetry Breaking in Growing Bacterial Biofilms. Physical Review Letters, 2019, 123, 258101.	7.8	41
7	Spatial alanine metabolism determines local growth dynamics of Escherichia coli colonies. ELife, 2021, 10, .	6.0	36
8	Topological Metric Detects Hidden Order in Disordered Media. Physical Review Letters, 2021, 126, 048101.	7.8	13
9	Dynamic relocalization of cytosolic type III secretion system components prevents premature protein secretion at low external pH. Nature Communications, 2021, 12, 1625.	12.8	11
10	Common concepts for bacterial collectives. ELife, 2019, 8, .	6.0	4