

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