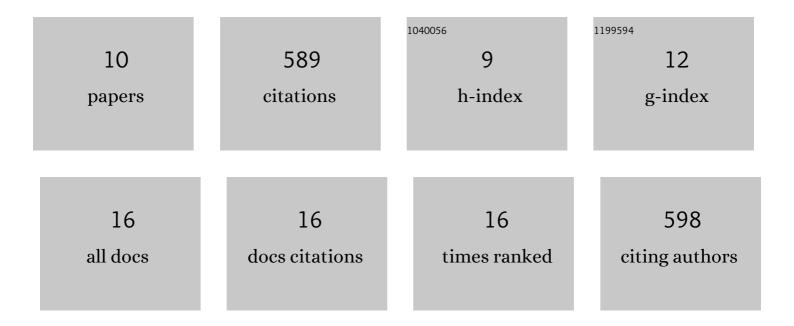
Hannah Jeckel

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5784338/publications.pdf Version: 2024-02-01



| # | 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 |