

# Yu-Ming Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6835091/publications.pdf>

Version: 2024-02-01

7  
papers

153  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

179  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Non-surface Attached Bacterial Aggregates: A Ubiquitous Third Lifestyle. <i>Frontiers in Microbiology</i> , 2020, 11, 557035.  | 3.5 | 46        |
| 2 | Cephalosporin nitric oxide-donor prodrug DEA-C3D disperses biofilms formed by clinical cystic fibrosis isolates of <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 117-125. | 3.0 | 35        |
| 3 | Optimization of nitric oxide donors for investigating biofilm dispersal response in <i>Pseudomonas aeruginosa</i> clinical isolates. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8859-8869.           | 3.6 | 29        |
| 4 | NO donors and NO delivery methods for controlling biofilms in chronic lung infections. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3931-3954.   | 3.6 | 13        |
| 5 | Customized Flagelliform Spidroins Form Spider Silk-like Fibers at pH 8.0 with Outstanding Tensile Strength. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 119-127.                                      | 5.2 | 11        |
| 6 | The c-di-GMP Phosphodiesterase PipA (PA0285) Regulates Autoaggregation and Pf4 Bacteriophage Production in <i>Pseudomonas aeruginosa</i> PAO1. <i>Applied and Environmental Microbiology</i> , 2022, 88, .           | 3.1 | 10        |
| 7 | A novel application of Gini coefficient for the quantitative measurement of bacterial aggregation. <i>Scientific Reports</i> , 2019, 9, 19002.   | 3.3 | 9         |