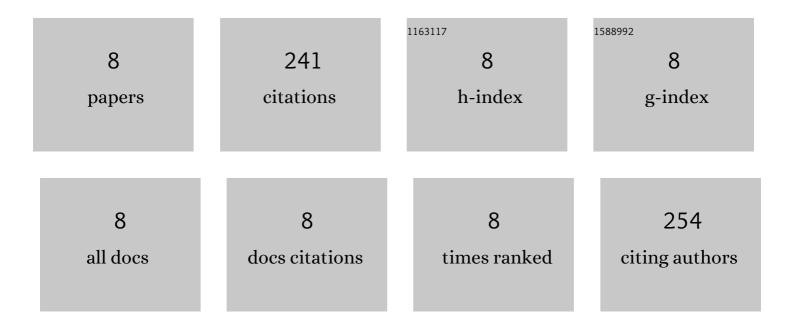
## Yang-Yang Fan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7139373/publications.pdf Version: 2024-02-01



| # | Article  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Rapid and highly efficient genomic engineering with a novel <scp>iEditing</scp> device for<br>programming versatile extracellular electron transfer of electroactive bacteria. Environmental<br>Microbiology, 2021, 23, 1238-1255.                       | 3.8  | 14        |
| 2 | Enhanced Bioreduction of Radionuclides by Driving Microbial Extracellular Electron Pumping with an Engineered CRISPR Platform. Environmental Science & amp; Technology, 2021, 55, 11997-12008.   | 10.0 | 18        |
| 3 | Developing a population-state decision system for intelligently reprogramming extracellular electron transfer in <i>Shewanella oneidensis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23001-23010. | 7.1  | 29        |
| 4 | Rediverting Electron Flux with an Engineered CRISPR-ddAsCpf1 System to Enhance the Pollutant<br>Degradation Capacity of <i>Shewanella oneidensis</i> . Environmental Science & Technology, 2020,<br>54, 3599-3608.                                       | 10.0 | 38        |
| 5 | Mediation of functional gene and bacterial community profiles in the sediments of eutrophic Chaohu<br>Lake by total nitrogen and season. Environmental Pollution, 2019, 250, 233-240.  | 7.5  | 52        |
| 6 | Mercury/silver resistance genes and their association with antibiotic resistance genes and microbial community in a municipal wastewater treatment plant. Science of the Total Environment, 2019, 657, 1014-1022.  | 8.0  | 48        |
| 7 | Abundance and diversity of iron reducing bacteria communities in the sediments of a heavily polluted freshwater lake. Applied Microbiology and Biotechnology, 2018, 102, 10791-10801.  | 3.6  | 29        |
| 8 | Estimates of abundance and diversity of Shewanella genus in natural and engineered aqueous<br>environments with newly designed primers. Science of the Total Environment, 2018, 637-638, 926-933.  | 8.0  | 13        |