

# Yang-Yang Fan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7139373/publications.pdf>

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papers

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1163117  
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254  
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#	ARTICLE	IF	CITATIONS
1	Rapid and highly efficient genomic engineering with a novel <i>CRISPR-Cas</i> device for programming versatile extracellular electron transfer of electroactive bacteria. <i>Environmental Microbiology</i> , 2021, 23, 1238-1255.	3.8	14
2	Enhanced Bioreduction of Radionuclides by Driving Microbial Extracellular Electron Pumping with an Engineered CRISPR Platform. <i>Environmental Science &amp; Technology</i> , 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> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23001-23010.	7.1	29
4	Rediverting Electron Flux with an Engineered CRISPR-ddAsCpf1 System to Enhance the Pollutant Degradation Capacity of <i>Shewanella oneidensis</i> . <i>Environmental Science &amp; Technology</i> , 2020, 54, 3599-3608.	10.0	38
5	Mediation of functional gene and bacterial community profiles in the sediments of eutrophic Chaohu Lake by total nitrogen and season. <i>Environmental Pollution</i> , 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. <i>Science of the Total Environment</i> , 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. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10791-10801.	3.6	29
8	Estimates of abundance and diversity of <i>Shewanella</i> genus in natural and engineered aqueous environments with newly designed primers. <i>Science of the Total Environment</i> , 2018, 637-638, 926-933.	8.0	13