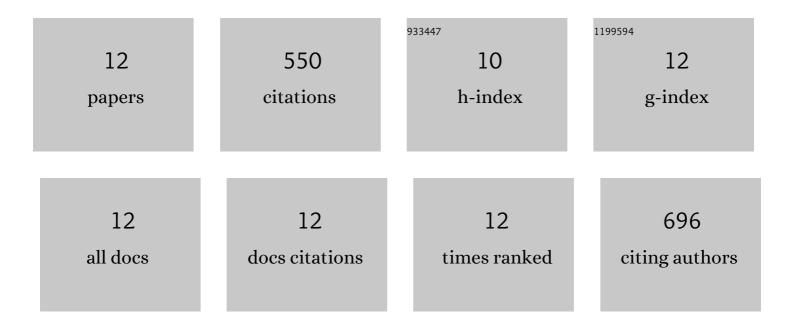
Yidan Hu

List of Publications by Year in descending order

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ΥΙΓΑΝ ΗΠ

#	Article	IF	CITATIONS
1	Biofilm Biology and Engineering of Geobacter and Shewanella spp. for Energy Applications. Frontiers in Bioengineering and Biotechnology, 2021, 9, 786416.	4.1	20
2	Shewanella biofilm development and engineering for environmental and bioenergy applications. Current Opinion in Chemical Biology, 2020, 59, 84-92.	6.1	39
3	Biofilm-Biology-Informed Biofilm Engineering for Environmental Biotechnology. ACS Symposium Series, 2019, , 59-82.	0.5	5
4	Optogenetic Modulation of a Catalytic Biofilm for the Biotransformation of Indole into Tryptophan. ChemSusChem, 2019, 12, 5142-5148.	6.8	19
5	Harnessing the Periplasm of Bacterial Cells To Develop Biocatalysts for the Biosynthesis of Highly Pure Chemicals. Applied and Environmental Microbiology, 2018, 84, .	3.1	7
6	Engineering a light-responsive, quorum quenching biofilm to mitigate biofouling on water purification membranes. Science Advances, 2018, 4, eaau1459.	10.3	59
7	Synthetic <i>Saccharomyces cerevisiae</i> â€ <i>Shewanella oneidensis</i> consortium enables glucoseâ€fed highâ€performance microbial fuel cell. AICHE Journal, 2017, 63, 1830-1838.	3.6	46
8	A near-infrared light responsive c-di-GMP module-based AND logic gate in Shewanella oneidensis. Chemical Communications, 2017, 53, 1646-1648.	4.1	22
9	Enhancing Bidirectional Electron Transfer of <i>Shewanella oneidensis</i> by a Synthetic Flavin Pathway. ACS Synthetic Biology, 2015, 4, 815-823.	3.8	219
10	Programming the quorum sensing-based AND gate in Shewanella oneidensis for logic gated-microbial fuel cells. Chemical Communications, 2015, 51, 4184-4187.	4.1	41
11	Engineering Electrode-Attached Microbial Consortia for High-Performance Xylose-Fed Microbial Fuel Cell. ACS Catalysis, 2015, 5, 6937-6945.	11.2	61
12	Artificially Constructed Quorum-Sensing Circuits Are Used for Subtle Control of Bacterial Population Density. PLoS ONE, 2014, 9, e104578.	2.5	12