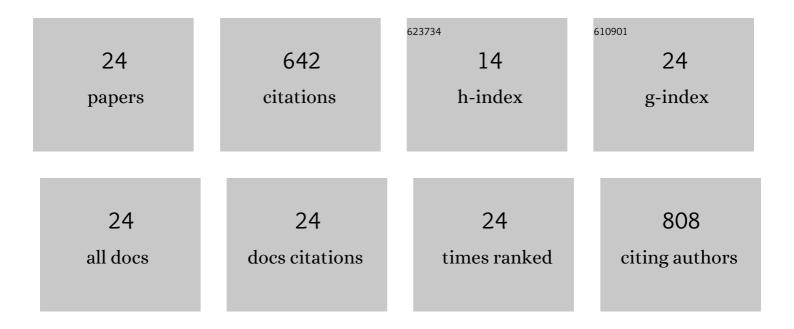
## Chao Wu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1437492/publications.pdf Version: 2024-02-01



Снао Мл

#	Article	IF	CITATIONS
1	Boosting formate production from CO2 electroreduction over gas diffusion electrode with accessible carbon mesopores. Electrochimica Acta, 2022, 402, 139526.	5.2	7
2	A highly active copper-nanoparticle-based nitrate reduction electrocatalyst prepared by in situ electrodeposition and annealing. Science of the Total Environment, 2022, 827, 154349.	8.0	9
3	Sn nanoparticles deposited onto a gas diffusion layer via impregnation-electroreduction for enhanced CO2 electroreduction to formate. Electrochimica Acta, 2021, 369, 137662.	5.2	15
4	Pyruvate Accelerates Palladium Reduction by Regulating Catabolism and the Electron Transfer Pathway in Shewanella oneidensis. Applied and Environmental Microbiology, 2021, 87, .	3.1	5
5	A novel strategy to achieve simultaneous efficient formate production and p-nitrophenol removal in a co-electrolysis system of CO2 and p-nitrophenol. Journal of CO2 Utilization, 2021, 47, 101497.	6.8	16
6	YgfY Contributes to Stress Tolerance in Shewanella oneidensis Neither as an Antitoxin Nor as a Flavinylation Factor of Succinate Dehydrogenase. Microorganisms, 2021, 9, 2316.	3.6	3
7	Rapid and scalable synthesis of bismuth dendrites on copper mesh as a high-performance cathode for electroreduction of CO2 to formate. Journal of CO2 Utilization, 2020, 36, 96-104.	6.8	29
8	The biosynthesis of cadmium selenide quantum dots by Rhodotorula mucilaginosa PA-1 for photocatalysis. Biochemical Engineering Journal, 2020, 156, 107497.	3.6	28
9	Hydrogen production driven by formate oxidation in Shewanella oneidensis MR-1. Applied Microbiology and Biotechnology, 2020, 104, 5579-5591.	3.6	16
10	Direct synthesis of bismuth nanosheets on a gas diffusion layer as a high-performance cathode for a coupled electrochemical system capable of electroreduction of CO2 to formate with simultaneous degradation of organic pollutants. Electrochimica Acta, 2019, 319, 138-147.	5.2	35
11	Microbial synthesis of grapheneâ€supported highlyâ€dispersed Pdâ€Ag bimetallic nanoparticles and its catalytic activity. Journal of Chemical Technology and Biotechnology, 2019, 94, 3375-3383.	3.2	19
12	lonogel infiltrated paper as flexible electrode for wearable all-paper based sensors in active and passive modes. Nano Energy, 2019, 66, 104161.	16.0	38
13	Estimates of abundance and diversity of Shewanella genus in natural and engineered aqueous environments with newly designed primers. Science of the Total Environment, 2018, 637-638, 926-933.	8.0	13
14	Enhanced electroreduction of CO2 and simultaneous degradation of organic pollutants using a Sn-based carbon nanotubes/carbon black hybrid gas diffusion cathode. Journal of CO2 Utilization, 2018, 26, 425-433.	6.8	22
15	Electrodeposition of tin on Nafion-bonded carbon black as an active catalyst layer for efficient electroreduction of CO2 to formic acid. Scientific Reports, 2017, 7, 13711.	3.3	29
16	Reduction pathway and mechanism of chloronitrobenzenes synergistically catalyzed by bioPd and Shewanella oneidensis MR-1 assisted by calculation. Chemosphere, 2017, 187, 62-69.	8.2	22
17	Electron shuttles alter selenite reduction pathway and redistribute formed Se(0) nanoparticles. Process Biochemistry, 2016, 51, 408-413.	3.7	13
18	Interaction between ferrihydrite and nitrate respirations by Shewanella oneidensis MR-1. Process Biochemistry, 2015, 50, 1942-1946.	3.7	6

Снао Wu

#	Article	IF	CITATIONS
19	Carbon Nanotubes Alter the Electron Flow Route and Enhance Nitrobenzene Reduction by <i>Shewanella oneidensis</i> MR-1. Environmental Science and Technology Letters, 2014, 1, 128-132.	8.7	51
20	Rapid Isolation of a Facultative Anaerobic Electrochemically Active Bacterium Capable of Oxidizing Acetate for Electrogenesis and Azo Dyes Reduction. Applied Biochemistry and Biotechnology, 2014, 173, 461-471.	2.9	5
21	Oxygen promotes biofilm formation of Shewanella putrefaciens CN32 through a diguanylate cyclase and an adhesin. Scientific Reports, 2013, 3, 1945.	3.3	76
22	Electron acceptor dependence of electron shuttle secretion and extracellular electron transfer by Shewanella oneidensis MR-1. Bioresource Technology, 2013, 136, 711-714.	9.6	66
23	Promotion of Iron Oxide Reduction and Extracellular Electron Transfer in Shewanella oneidensis by DMSO. PLoS ONE, 2013, 8, e78466.	2.5	12
24	Anaerobic biodecolorization mechanism of methyl orange by Shewanella oneidensis MR-1. Applied Microbiology and Biotechnology, 2012, 93, 1769-1776.	3.6	107