

# Benteng Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

499  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in biohydrogen and volatile fatty acid production from seaweed through addition of conductive carbon materials depends on the properties of the conductive materials. <i>Energy</i> , 2022, 239, 122188.	8.8	27
2	Towards green whiskey production: Anaerobic digestion of distillery by-products and the effects of pretreatment. <i>Journal of Cleaner Production</i> , 2022, 357, 131844.	9.3	12
3	An assessment of how the properties of pyrochar and process thermodynamics impact pyrochar mediated microbial chain elongation in steering the production of medium-chain fatty acids towards n-caproate. <i>Bioresource Technology</i> , 2022, 358, 127294.	9.6	10
4	Production of advanced fuels through integration of biological, thermo-chemical and power to gas technologies in a circular cascading bio-based system. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110371.	16.4	33
5	Assessment of pretreatment and digestion temperature on anaerobic digestion of whiskey byproducts and microbial taxonomy. <i>Energy Conversion and Management</i> , 2021, 243, 114331.	9.2	14
6	Emerging bioelectrochemical technologies for biogas production and upgrading in cascading circular bioenergy systems. <i>IScience</i> , 2021, 24, 102998.	4.1	16
7	A perspective on the efficacy of green gas production via integration of technologies in novel cascading circular bio-systems. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 150, 111427.	16.4	16
8	Improved robustness of ex-situ biological methanation for electro-fuel production through the addition of graphene. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 152, 111690.	16.4	11
9	What physicochemical properties of biochar facilitate interspecies electron transfer in anaerobic digestion: A case study of digestion of whiskey by-products. <i>Fuel</i> , 2021, 306, 121736.	6.4	39
10	Anaerobic biotransformation and potential impact of quinoline in an anaerobic methanogenic reactor treating synthetic coal gasification wastewater and response of microbial community. <i>Journal of Hazardous Materials</i> , 2020, 384, 121404.	12.4	36
11	Graphene Addition to Digestion of Thin Stillage Can Alleviate Acidic Shock and Improve Biomethane Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13248-13260.	6.7	44
12	Improving gaseous biofuel yield from seaweed through a cascading circular bioenergy system integrating anaerobic digestion and pyrolysis. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 128, 109895.	16.4	80
13	Influence of particle size distribution on anaerobic degradation of phenol and analysis of methanogenic microbial community. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10391-10403.	5.3	30
14	Hydrogen enrichment as a bioaugmentation tool to alleviate ammonia inhibition on anaerobic digestion of phenol-containing wastewater. <i>Bioresource Technology</i> , 2019, 276, 97-102.	9.6	33
15	Performance robustness of the UASB reactors treating saline phenolic wastewater and analysis of microbial community structure. <i>Journal of Hazardous Materials</i> , 2017, 331, 21-27.	12.4	98