

# Benteng Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4242329/publications.pdf>

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  | 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        |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | Emerging bioelectrochemical technologies for biogas production and upgrading in cascading circular bioenergy systems. <i>IScience</i> , 2021, 24, 102998.  | 4.1  | 16        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | 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        |
| 15 | 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        |