

# Bing Tao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/342758/publications.pdf>

Version: 2024-02-01

10  
papers

337  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface defects induced charge imbalance for boosting charge separation and solar-driven photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2021, 596, 12-21.	9.4	19
2	Predicting pH rise as a control measure for integration of CO <sub>2</sub> biomethanisation with anaerobic digestion. <i>Applied Energy</i> , 2020, 277, 115535.	10.1	11
3	A Rapid, Sensitive, Low-Cost Assay for Detecting Hydrogenotrophic Methanogens in Anaerobic Digesters Using Loop-Mediated Isothermal Amplification. <i>Microorganisms</i> , 2020, 8, 740.	3.6	5
4	Hollow flower-like polyhedral $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> /Defective MoS <sub>2</sub> /Ag Z-scheme heterojunctions with enhanced photocatalytic-Fenton performance via surface plasmon resonance and photothermal effects. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 118978.	20.2	101
5	Simultaneous biomethanisation of endogenous and imported CO <sub>2</sub> in organically loaded anaerobic digesters. <i>Applied Energy</i> , 2019, 247, 670-681.	10.1	21
6	Enhancement of microbial density and methane production in advanced anaerobic digestion of secondary sewage sludge by continuous removal of ammonia. <i>Bioresource Technology</i> , 2017, 232, 380-388.	9.6	55
7	Development of a novel dual-stage method for metaldehyde removal from water. <i>Chemical Engineering Journal</i> , 2016, 284, 741-749.	12.7	9
8	Recovery and concentration of thermally hydrolysed waste activated sludge derived volatile fatty acids and nutrients by microfiltration, electrodialysis and struvite precipitation for polyhydroxyalkanoates production. <i>Chemical Engineering Journal</i> , 2016, 295, 11-19.	12.7	68
9	Catalytic degradation and adsorption of metaldehyde from drinking water by functionalized mesoporous silicas and ion-exchange resin. <i>Separation and Purification Technology</i> , 2014, 124, 195-200.	7.9	15
10	Metaldehyde removal from aqueous solution by adsorption and ion exchange mechanisms onto activated carbon and polymeric sorbents. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 240-250.	12.4	33