

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	Hollow flower-like polyhedral γ -Fe ₂ O ₃ /Defective MoS ₂ /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
2	Recovery and concentration of thermally hydrolysed waste activated sludge derived volatile fatty acids and nutrients by microfiltration, electro dialysis and struvite precipitation for polyhydroxyalkanoates production. <i>Chemical Engineering Journal</i> , 2016, 295, 11-19.	12.7	68
3	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
4	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
5	Simultaneous biomethanisation of endogenous and imported CO ₂ in organically loaded anaerobic digesters. <i>Applied Energy</i> , 2019, 247, 670-681.	10.1	21
6	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
7	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
8	Predicting pH rise as a control measure for integration of CO ₂ biomethanisation with anaerobic digestion. <i>Applied Energy</i> , 2020, 277, 115535.	10.1	11
9	Development of a novel dual-stage method for metaldehyde removal from water. <i>Chemical Engineering Journal</i> , 2016, 284, 741-749.	12.7	9
10	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