

# Hongbiao Du

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

340  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic deoxygenation of carboxyl compounds in the hydrothermal liquefaction crude bio-oil via in-situ hydrogen supply by CuO-CeO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> catalyst. Fuel, 2022, 317, 123367.	6.4	17
2	Preparation and application of ZrO <sub>2</sub> -SiO <sub>2</sub> complex oxide for efficient biocrude generation by hydrothermal liquefaction of Spirulina. Fuel, 2022, 317, 123325.	6.4	10
3	Enhanced biocrude production from hydrothermal conversion of municipal sewage sludge via co-liquefaction with various model feedstocks. RSC Advances, 2022, 12, 20379-20386.	3.6	2
4	Preparation and application of BiOBr-Bi <sub>2</sub> S <sub>3</sub> heterojunctions for efficient photocatalytic removal of Cr(VI). Journal of Hazardous Materials, 2021, 407, 124394.	12.4	100
5	Evaluation of Storage Stability for Biocrude Derived from Hydrothermal Liquefaction of Microalgae. Energy & Fuels, 2021, 35, 10623-10629.	5.1	17
6	Characterization of column chromatography separated bio-oil obtained from hydrothermal liquefaction of Spirulina. Fuel, 2021, 297, 120695.	6.4	13
7	Citric acid modulated preparation of CdS photocatalyst for efficient removal of Cr(VI) and methyl orange. Optical Materials, 2021, 121, 111604.	3.6	16
8	A multicomponent interconnected composite paper for triple-mode sensors and flexible micro-supercapacitors. Journal of Materials Chemistry A, 2020, 8, 24620-24634.	10.3	23
9	Catalytic hydrothermal liquefaction of Spirulina over bifunctional catalyst to produce high-quality biofuel. Fuel, 2020, 282, 118807.	6.4	35
10	A solar and thermal multi-sensing microfiber supercapacitor with intelligent self-conditioned capacitance and body temperature monitoring. Journal of Materials Chemistry A, 2020, 8, 11695-11711.	10.3	23
11	Synthesis of Spinel Ferrite MFe <sub>2</sub> O <sub>4</sub> (M = Co, Cu, Mn, and Zn) for Persulfate Activation to Remove Aqueous Organics: Effects of M-Site Metal and Synthetic Method. Frontiers in Chemistry, 2020, 8, 177.	3.6	63
12	Fabrication of Ga <sub>2</sub> O <sub>3</sub> -PbO <sub>2</sub> electrode and its performance in electrochemical advanced oxidation processes. Journal of Solid State Electrochemistry, 2018, 22, 3799-3806.	2.5	21