

# Huihui Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7459523/publications.pdf>

Version: 2024-02-01

14  
papers

1,470  
citations

623734

14  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macroalgae for biofuels production: Progress and perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 427-437.	16.4	280
2	Hydrothermal liquefaction of agricultural and forestry wastes: state-of-the-art review and future prospects. <i>Bioresource Technology</i> , 2017, 245, 1184-1193.	9.6	209
3	Characterization and utilization of aqueous products from hydrothermal conversion of biomass for bio-oil and hydro-char production: a review. <i>Green Chemistry</i> , 2019, 21, 1553-1572.	9.0	159
4	Hydrothermal conversion of sewage sludge: Focusing on the characterization of liquid products and their methane yields. <i>Chemical Engineering Journal</i> , 2019, 357, 367-375.	12.7	155
5	Hydrothermal conversion of dewatered sewage sludge: Focusing on the transformation mechanism and recovery of phosphorus. <i>Chemosphere</i> , 2019, 228, 619-628.	8.2	113
6	Biogas production from hydrothermal liquefaction wastewater (HTLWW): Focusing on the microbial communities as revealed by high-throughput sequencing of full-length 16S rRNA genes. <i>Water Research</i> , 2016, 106, 98-107.	11.3	99
7	Molecular and microbial insights towards understanding the anaerobic digestion of the wastewater from hydrothermal liquefaction of sewage sludge facilitated by granular activated carbon (GAC). <i>Environment International</i> , 2019, 133, 105257.	10.0	92
8	Methane potentials of wastewater generated from hydrothermal liquefaction of rice straw: focusing on the wastewater characteristics and microbial community compositions. <i>Biotechnology for Biofuels</i> , 2017, 10, 140.	6.2	67
9	Molecular composition of hydrothermal liquefaction wastewater from sewage sludge and its transformation during anaerobic digestion. <i>Journal of Hazardous Materials</i> , 2020, 383, 121163.	12.4	64
10	Combined microbial transcript and metabolic analysis reveals the different roles of hydrochar and biochar in promoting anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2021, 205, 117679.	11.3	63
11	Mesophilic and thermophilic anaerobic digestion of aqueous phase generated from hydrothermal liquefaction of cornstalk: Molecular and metabolic insights. <i>Water Research</i> , 2020, 168, 115199.	11.3	58
12	Chemicals from lignocellulosic biomass: A critical comparison between biochemical, microwave and thermochemical conversion methods. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1479-1532.	12.8	50
13	Anaerobic fermentation of hydrothermal liquefaction wastewater of dewatered sewage sludge for volatile fatty acids production with focuses on the degradation of organic components and microbial community compositions. <i>Science of the Total Environment</i> , 2021, 777, 146077.	8.0	42
14	Hydrothermal pretreatment of sewage sludge enhanced the anaerobic degradation of cationic polyacrylamide (cPAM). <i>Water Research</i> , 2021, 190, 116704.	11.3	18