

# Yalin Li

## List of Publications by Year in descending order

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14  
papers

476  
citations

840119

11  
h-index

1058022

14  
g-index

15  
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15  
docs citations

15  
times ranked

512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative multiphase model for hydrothermal liquefaction of algal biomass. <i>Green Chemistry</i> , 2017, 19, 1163-1174.	4.6	91
2	Sustainable Lactic Acid Production from Lignocellulosic Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1341-1351.	3.2	72
3	Catalytic Hydrothermal Decarboxylation and Cracking of Fatty Acids and Lipids over Ru/C. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14400-14410.	3.2	58
4	Catalytic hydrothermal deoxygenation of lipids and fatty acids to diesel-like hydrocarbons: a review. <i>Green Chemistry</i> , 2021, 23, 1114-1129.	4.6	46
5	Fate of per- and polyfluoroalkyl substances (PFAS) during hydrothermal liquefaction of municipal wastewater treatment sludge. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1388-1399.	1.2	35
6	Quantitative Evaluation of an Integrated System for Valorization of Wastewater Algae as Bio-oil, Fuel Gas, and Fertilizer Products. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12717-12727.	4.6	33
7	Kinetics and mechanism for hydrothermal conversion of polyhydroxybutyrate (PHB) for wastewater valorization. <i>Green Chemistry</i> , 2019, 21, 5586-5597.	4.6	33
8	Sustainable Production of Acrylic Acid via 3-Hydroxypropionic Acid from Lignocellulosic Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16659-16669.	3.2	33
9	A Unified Modeling Framework to Advance Biofuel Production from Microalgae. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13591-13599.	4.6	31
10	Demonstration and Evaluation of Hybrid Microalgae Aqueous Conversion Systems for Biofuel Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5835-5844.	3.2	14
11	CuO@NiO Nanoparticles Derived from Metal-Organic Framework Precursors for the Deoxygenation of Fatty Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15612-15622.	3.2	13
12	Seasonal treatment and economic evaluation of an algal wastewater system for energy and nutrient recovery. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1545-1557.	1.2	10
13	Solids Residence Time Impacts Carbon Dynamics and Bioenergy Feedstock Potential in Phototrophic Wastewater Treatment Systems. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12574-12584.	4.6	4
14	Vapor-phase conversion of aqueous 3-hydroxybutyric acid and crotonic acid to propylene over solid acid catalysts. <i>Catalysis Science and Technology</i> , 2021, 11, 6866-6876.	2.1	2