Haoran Wu

List of Publications by Year
in descending order

16 papers	439 citations	840776 11 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	565 citing authors

#	Article	IF	Citations
1	Microbial communities for valorizing biomass using the carboxylate platform to produce volatile fatty acids: A review. Bioresource Technology, 2022, 344, 126253.	9.6	39
2	Enhancing semi-continuous carboxylic acid production from methane-arrested anaerobic digestion of cellulosic biomass by in-situ product removal with CO2-sustained anion-exchange resin adsorption. Journal of Cleaner Production, 2022, 367, 133000.	9.3	3
3	Performance characterization of nanofiltration, reverse osmosis, and ion exchange technologies for acetic acid separation. Separation and Purification Technology, 2021, 265, 118108.	7.9	12
4	Arrested methanogenesis digestion of high-strength cheese whey and brewery wastewater with carboxylic acid production. Bioresource Technology, 2021, 332, 125044.	9.6	23
5	In-situ carboxylic acid separation from mixed-acid fermentation of cellulosic substrates in batch culture. Biomass and Bioenergy, 2021, 151, 106165.	5.7	10
6	Current status of anaerobic digestion of food waste in the United States. Renewable and Sustainable Energy Reviews, 2021, 151, 111554.	16.4	59
7	A NiCo2S4 /hierarchical porous carbon for high performance asymmetrical supercapacitor. Journal of Power Sources, 2019, 427, 138-144.	7.8	83
8	A Comparative Study of Activated Carbons from Liquid to Solid Polymer Electrolytes for Electrochemical Capacitors. Journal of the Electrochemical Society, 2019, 166, A821-A828.	2.9	10
9	A Study of Bending Properties of Solid Electrochemical Capacitors. Journal of the Electrochemical Society, 2019, 166, A15-A20.	2.9	6
10	Ultrathin all-solid-state supercapacitor devices based on chitosan activated carbon electrodes and polymer electrolytes. Electrochimica Acta, 2018, 273, 392-401.	5.2	93
11	Aqueous based asymmetrical-bipolar electrochemical capacitor with a 2.4â€‾V operating voltage. Journal of Power Sources, 2018, 378, 209-215.	7.8	19
12	Aqueous based solid battery-capacitor asymmetrical system for capacitive energy storage device. Materials Chemistry and Physics, 2018, 203, 346-351.	4.0	5
13	Thin and flexible Ni-P based current collectors developed by electroless deposition for energy storage devices. Applied Surface Science, 2017, 394, 63-69.	6.1	18
14	Development of pseudocapacitive molybdenum oxideâ€“nitride for electrochemical capacitors. Materials Chemistry and Physics, 2015, 154, 118-124.	4.0	24
15	Vanadium oxide electrode synthesized by electroless deposition for electrochemical capacitors. Journal of Power Sources, 2014, 271, 534-537.	7.8	18
16	A comparative study of polymer electrolytes for ultrahigh rate applications. Electrochemistry Communications, 2012, 17, 48-51.	4.7	17