Zhihao Lu

List of Publications by Year
in descending order

11	240	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	342
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Behavior of metal ions in bioelectrochemical systems: A review. Journal of Power Sources, 2015, 275, 243-260.	7.8	74
2	Biological capacitance studies of anodes in microbial fuel cells using electrochemical impedance spectroscopy. Bioprocess and Biosystems Engineering, 2015, 38, 1325-1333.	3.4	35
3	Power-generating trees: Direct bioelectricity production from plants with microbial fuel cells. Applied Energy, 2020, 268, 115040.	10.1	31
4	Electrochemical decrease of sulfide in sewage by pulsed power supply. Journal of Electroanalytical Chemistry, 2015, 745, 37-43.	3.8	22
5	Decrease of dissolved sulfide in sewage by powdered natural magnetite and hematite. Science of the Total Environment, 2016, 573, 1070-1078.	8.0	19
6	Chemically activated graphite enhanced oxygen reduction and power output in catalyst-free microbial fuel cells. Journal of Cleaner Production, 2016, 115, 332-336.	9.3	16
7	Decreasing sulfide in sediment and promoting plant growth by plantâ€“sediment microbial fuel cells with emerged plants. Paddy and Water Environment, 2019, 17, 13-21.	1.8	14
8	Deeply reduced empty Keggin clusters [MoIVxMVI12â^'xO_{40â^'x}py_x] (x = 3, 6; M = Mo, W; py = pyridine): synthesis, structures, and Lewis field catalysis. Inorganic Chemistry Frontiers, 2021, 8, 5178-5185.	6.0	12
9	Anodic concentration loss and impedance characteristics in rotating disk electrode microbial fuel cells. Bioprocess and Biosystems Engineering, 2016, 39, 1627-1634.	3.4	10
10	Experimental and theoretical study on removal of organic contaminants with various function groups via suspension freezing separation. Separation and Purification Technology, 2021, 259, 118176.	7.9	5
11	Unprecedented icosahedral clusters built of polyantimony from single [Ni_{0.5}@{Sb₆Ni₆(CO)₈}]^{4â^'} and [Ni@{Sb₇Ni₅(CO)₆}]^{3â^'} to the Sb₈^{4â^'}-linked dimer [(Sb₈){Sb₇Ni₅(CO)₄}₂]^{6â^'}. Inorganic Chemistry Frontiers, 2021, 8, 5086-5092.	6.0	2