

Zhihao Lu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

240
citations

1040056

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1281871

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11
all docs

11
docs citations

11
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Unprecedented icosahedral clusters built of polyantimony: from single [Ni _{0.5} @{Sb ₆ Ni ₆ (CO) ₈ }] ⁴⁺ and [Ni@{Sb ₇ Ni ₅ (CO) ₆ }] ³⁺ to the Sb ₈ ⁴⁺ -linked dimer [(Sb ₈){Sb ₇ Ni ₅ (CO) ₄ }] ₂ ⁶⁺ . Inorganic Chemistry Frontiers, 2021, 8, 5086-5092.	6.0	2
3	Deeply reduced empty Keggin clusters [Mo _x M _{VI} 12 ^x O ₄₀] ^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
4	Power-generating trees: Direct bioelectricity production from plants with microbial fuel cells. Applied Energy, 2020, 268, 115040.	10.1	31
5	Decreasing sulfide in sediment and promoting plant growth by plant-“sediment microbial fuel cells with emerged plants. Paddy and Water Environment, 2019, 17, 13-21.	1.8	14
6	Decrease of dissolved sulfide in sewage by powdered natural magnetite and hematite. Science of the Total Environment, 2016, 573, 1070-1078.	8.0	19
7	Anodic concentration loss and impedance characteristics in rotating disk electrode microbial fuel cells. Bioprocess and Biosystems Engineering, 2016, 39, 1627-1634.	3.4	10
8	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
9	Biological capacitance studies of anodes in microbial fuel cells using electrochemical impedance spectroscopy. Bioprocess and Biosystems Engineering, 2015, 38, 1325-1333.	3.4	35
10	Electrochemical decrease of sulfide in sewage by pulsed power supply. Journal of Electroanalytical Chemistry, 2015, 745, 37-43.	3.8	22
11	Behavior of metal ions in bioelectrochemical systems: A review. Journal of Power Sources, 2015, 275, 243-260.	7.8	74