

Kumar Sonu

List of Publications by Year in descending order

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14
papers

147
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1307594

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1372567

10
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Performance evaluation of <i>Epipremnum aureum</i> plant-based microbial fuel cell using composite anode made up of carbonized corncob and carbon rod. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 5149-5156.	4.6	1
2	Performance evaluation of plant microbial fuel cell with <i>Epipremnum aureum</i> plant using composite anode made of corn cob and carbon rod. <i>International Journal of Environmental Studies</i> , 2023, 80, 8-19.	1.6	2
3	Cattle manure management using microbial fuel cells for green energy generation. <i>Biofuels, Bioproducts and Biorefining</i> , 2022, 16, 460-470.	3.7	16
4	Electroactive biofilm and electron transfer in microbial electrochemical systems. , 2022, , 29-48.		2
5	Biodegradation of synthetic estrogen using bioelectrochemical system and degradation pathway analysis through Quadrupole-time-of-flight-mass spectrometry. <i>Bioresource Technology</i> , 2022, 349, 126857.	9.6	6
6	The Effects of Wheat and Rice Straw as a Substrate on the Treatment of Reverse Osmosis Reject Wastewater in a Single Chamber Microbial Fuel Cell. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0
7	Framework to improve biohydrogen generation with estrogen co-metabolism under complete suppression of nitrogen source. <i>Bioresource Technology</i> , 2022, 360, 127595.	9.6	1
8	Improved decolorization of dye wastewater and enhanced power output in the electrically stacked microbial fuel cells with H_2O_2 modified corncob anodes. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13638.	2.3	8
9	Assessing the Surface Water Quality of Ana Sagar Lake and its Bioremediation in Modified Constructed Wetland. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 796, 012026.	0.3	0
10	Integrated Constructed Wetland-Microbial Fuel Cell using Biochar as Wetland Matrix: Influence on Power Generation and Textile Wastewater Treatment. <i>ChemistrySelect</i> , 2021, 6, 8323-8328.	1.5	14
11	Bioelectrochemical systems for environmental remediation of estrogens: A review and way forward. <i>Science of the Total Environment</i> , 2021, 780, 146544.	8.0	36
12	Effect of Corncob Derived Biochar on Microbial Electroremediation of Dye Wastewater and Bioenergy Generation. <i>ChemistrySelect</i> , 2020, 5, 9793-9798.	1.5	16
13	Enhanced Decolorization and Treatment of Textile Dye Wastewater Through Adsorption on Acid Modified Corncob Derived Biochar. <i>ChemistrySelect</i> , 2020, 5, 12287-12297.	1.5	26
14	Up-scaling microbial fuel cell systems for the treatment of real textile dye wastewater and bioelectricity recovery. <i>International Journal of Environmental Studies</i> , 2020, 77, 692-702.	1.6	19