Kumar Sonu

List of Publications by Year
in descending order

14 papers	147 citations	1307594 7 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	90 citing authors

#	Article	IF	Citations
1	Bioelectrochemical systems for environmental remediation of estrogens: A review and way forward. Science of the Total Environment, 2021, 780, 146544.	8.0	36
2	Enhanced Decolorization and Treatment of Textile Dye Wastewater Through Adsorption on Acid Modified Corncob Derived Biochar. ChemistrySelect, 2020, 5, 12287-12297.	1.5	26
3	Up-scaling microbial fuel cell systems for the treatment of real textile dye wastewater and bioelectricity recovery. International Journal of Environmental Studies, 2020, 77, 692-702.	1.6	19
4	Effect of Corncob Derived Biochar on Microbial Electroremediation of Dye Wastewater and Bioenergy Generation. ChemistrySelect, 2020, 5, 9793-9798.	1.5	16
5	Cattle manure management using microbial fuel cells for green energy generation. Biofuels, Bioproducts and Biorefining, 2022, 16, 460-470.	3.7	16
6	Integrated Constructed Wetlandâ€Microbial Fuel Cell using Biochar as Wetland Matrix: Influence on Power Generation and Textile Wastewater Treatment. ChemistrySelect, 2021, 6, 8323-8328.	1.5	14
7	Improved decolorization of dye wastewater and enhanced power output in the electrically stacked microbial fuel cells with <scp>H₂O₂</scp> modified corncob anodes. Environmental Progress and Sustainable Energy, 2021, 40, e13638.	2.3	8
8	Biodegradation of synthetic estrogen using bioelectrochemical system and degradation pathway analysis through Quadrupole-time-of-flight-mass spectrometry. Bioresource Technology, 2022, 349, 126857.	9.6	6
9	Performance evaluation of plant microbial fuel cell with Epipremnum aureum plant using composite anode made of corn cob and carbon rod. International Journal of Environmental Studies, 2023, 80, 8-19.	1.6	2
10	Electroactive biofilm and electron transfer in microbial electrochemical systems. , 2022, , 29-48.		2
11	Performance evaluation of Epipremnum aureum plant-based microbial fuel cell using composite anode made up of carbonized corncob and carbon rod. Biomass Conversion and Biorefinery, 2024, 14, 5149-5156.	4.6	1
12	Framework to improve biohydrogen generation with estrogen co-metabolism under complete suppression of nitrogen source. Bioresource Technology, 2022, 360, 127595.	9.6	1
13	Assessing the Surface Water Quality of Ana Sagar Lake and its Bioremediation in Modified Constructed Wetland. IOP Conference Series: Earth and Environmental Science, 2021, 796, 012026.	0.3	0
14	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. ChemistrySelect, 2022, 7, .	1.5	0