Indrasis Das

List of Publications by Year
in descending order

16 papers	903 citations	567144 15 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	581 citing authors

#	Article	IF	Citations
1	Advanced oxidation processes: Performance, advantages, and scale-up of emerging technologies. Journal of Environmental Management, 2022, 316, 115295.	3.8	131
2	Proficient Sanitary Wastewater Treatment in Laboratory and Field-Scale Microbial Fuel Cell with Anti-Biofouling Cu_{0.5}Mn_{0.5}Fe₂O₄ as Cathode Catalyst. Journal of the Electrochemical Society, 2021, 168, 054519.	1.3	25
3	Utilisation of waste medicine wrappers as an efficient low-cost electrode material for microbial fuel cell. Environmental Technology (United Kingdom), 2020, 41, 1209-1218.	1.2	26
4	Moving towards practical applications of microbial fuel cells for sanitation and resource recovery. Journal of Water Process Engineering, 2020, 38, 101566.	2.6	85
5	On-Site Sanitary Wastewater Treatment System Using 720-L Stacked Microbial Fuel Cell: Case Study. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	1.2	59
6	Role of applied potential on microbial electrosynthesis of organic compounds through carbon dioxide sequestration. Journal of Environmental Chemical Engineering, 2020, 8, 104028.	3.3	32
7	Application of bimetallic low-cost CuZn as oxygen reduction cathode catalyst in lab-scale and field-scale microbial fuel cell. Chemical Physics Letters, 2020, 751, 137536.	1.2	65
8	Ameliorated performance of a microbial fuel cell operated with an alkali pre-treated clayware ceramic membrane. International Journal of Hydrogen Energy, 2020, 45, 16787-16798.	3.8	50
9	Goethite supplemented natural clay ceramic as an alternative proton exchange membrane and its application in microbial fuel cell. Ionics, 2020, 26, 3061-3072.	1.2	78
10	Synthesis and Application of Zirconium Metalâ€“Organic Framework in Microbial Fuel Cells as a Cost-Effective Oxygen Reduction Catalyst with Competitive Performance. ACS Applied Energy Materials, 2020, 3, 3512-3520.	2.5	63
11	Application of bioelectrochemical systems for carbon dioxide sequestration and concomitant valuable recovery: A review. Materials Science for Energy Technologies, 2019, 2, 687-696.	1.0	51
12	Degradation of 2,4-dichlorophenoxyacetic acid by UV 253.7 and UV-H2O2: Reaction kinetics and effects of interfering substances. Emerging Contaminants, 2019, 5, 53-60.	2.2	40
13	Bismuth doped TiO2 as an excellent photocathode catalyst to enhance the performance of microbial fuel cell. International Journal of Hydrogen Energy, 2018, 43, 7501-7510.	3.8	96
14	Synthesis of Tungstate Oxide/Bismuth Tungstate Composite and Application in Microbial Fuel Cell as Superior Low-Cost Cathode Catalyst than Platinum. Journal of the Electrochemical Society, 2018, 165, G146-G153.	1.3	34
15	Synthesis of bimetallic iron ferrite Co0.5Zn0.5Fe2O4 as a superior catalyst for oxygen reduction reaction to replace noble metal catalysts in microbial fuel cell. International Journal of Hydrogen Energy, 2018, 43, 19196-19205.	3.8	54
16	Application of Low-Cost Transition Metal Based Co0.5Zn0.5Fe2O4 as Oxygen Reduction Reaction Catalyst for Improving Performance of Microbial Fuel Cell. MRS Advances, 2018, 3, 3171-3179.	0.5	14