

Edson Estrada

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

376
citations

1040056

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1199594

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docs citations

14
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of full-scale biological nutrient removal systems upgraded with physico-chemical processes for the removal of emerging pollutants present in wastewaters from Mexico. <i>Science of the Total Environment</i> , 2016, 571, 1172-1182.	8.0	96
2	Recent advances in constructed wetland-microbial fuel cells for simultaneous bioelectricity production and wastewater treatment: A review. <i>International Journal of Energy Research</i> , 2019, 43, 5106-5127.	4.5	80
3	Domestic wastewater treatment and power generation in continuous flow air-cathode stacked microbial fuel cell: Effect of series and parallel configuration. <i>Journal of Environmental Management</i> , 2018, 214, 232-241.	7.8	57
4	Post-treatment of real oil refinery effluent with high concentrations of phenols using photo-ferrioxalate and Fenton's reactions with membrane process step. <i>Chemical Engineering Journal</i> , 2016, 285, 508-516.	12.7	41
5	Oxygen reduction reaction (ORR) electrocatalysts in constructed wetland-microbial fuel cells: Effect of different carbon-based catalyst biocathode during bioelectricity production. <i>Electrochimica Acta</i> , 2021, 370, 137745.	5.2	24
6	Performance of air-cathode stacked microbial fuel cells systems for wastewater treatment and electricity production. <i>Water Science and Technology</i> , 2017, 76, 683-693.	2.5	19
7	Assessment of a novel single-stage integrated dark fermentation-microbial fuel cell system coupled to proton-exchange membrane fuel cell to generate bio-hydrogen and recover electricity from wastewater. <i>Biomass and Bioenergy</i> , 2021, 147, 106016.	5.7	18
8	Bioelectricity production using shade macrophytes in constructed wetlands-microbial fuel cells. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 1532-1543.	2.2	11
9	Enhanced methane production and organic matter removal from tequila vinasses by anaerobic digestion assisted via bioelectrochemical power-to-gas. <i>Bioresource Technology</i> , 2021, 320, 124344.	9.6	10
10	Simultaneous bioelectricity and biohydrogen production in a continuous flow single microbial electrochemical reactor. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 297-304.	2.3	7
11	Assessment of a <i>Ficus benjamina</i> wood chip-based aerated biofilter used for the removal of metformin and ciprofloxacin during domestic wastewater treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1870-1879.	3.2	7
12	Hydrogen and Methane Production from Tequila Vinasses in a Novel Hybrid Reactor Containing Biofilm and Suspended Biomass. <i>Bioenergy Research</i> , 2022, 15, 1675-1690.	3.9	4
13	Experimental design approach for the removal of the antidiabetic drug, metformin at a high concentration by photocatalytic processes. <i>Water and Environment Journal</i> , 2021, 35, 759-771.	2.2	1
14	Batch Kinetic Studies of Pharmaceutical Compounds Removal Using Activated Sludge Obtained from a Membrane Bioreactor. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	2.4	1