Luciana Peixoto

List of Publications by Year
in descending order

17 papers	584 citations	687220 13 h-index	887953 17 g-index
20 all docs	20 docs citations	20 times ranked	827 citing authors

#	Article	IF	Citations
1	A design of experiments to assess phosphorous removal and crystal properties in struvite precipitation of source separated urine using different Mg sources. Chemical Engineering Journal, 2016, 298, 146-153.	6.6	117
2	In situ microbial fuel cell-based biosensor for organic carbon. Bioelectrochemistry, 2011, 81, 99-103.	2.4	93
3	Resources recovery in the dairy industry: bioelectricity production using a continuous microbial fuel cell. Journal of Cleaner Production, 2017, 140, 971-976.	4.6	68
4	Towards implementation of a benthic microbial fuel cell in lake Furnas (Azores): Phylogenetic affiliation and electrochemical activity of sediment bacteria. Bioelectrochemistry, 2010, 78, 67-71.	2.4	47
5	Investigating bacterial community changes and organic substrate degradation in microbial fuel cells operating on real human urine. Environmental Science: Water Research and Technology, 2017, 3, 897-904.	1.2	34
6	Impact of an external electron acceptor on phosphorus mobility between water and sediments. Bioresource Technology, 2014, 151, 419-423.	4.8	33
7	Microbial fuel cell-induced production of fungal laccase to degrade the anthraquinone dye Remazol Brilliant Blue R. Environmental Chemistry Letters, 2019, 17, 1413-1420.	8.3	29
8	Anaerobic biological fermentation of urine as a strategy to enhance the performance of a microbial electrolysis cell (MEC). Renewable Energy, 2019, 139, 936-943.	4.3	29
9	Phosphorusâ€“iron interaction in sediments: can an electrode minimize phosphorus release from sediments?. Reviews in Environmental Science and Biotechnology, 2014, 13, 265-275.	3.9	25
10	Influence of carbon anode properties on performance and microbiome of Microbial Electrolysis Cells operated on urine. Electrochimica Acta, 2018, 267, 122-132.	2.6	20
11	Bioelectrochemical systems (BESs) towards conversion of carbon monoxide/syngas: A mini-review. Renewable and Sustainable Energy Reviews, 2021, 135, 110358.	8.2	20
12	A flat microbial fuel cell for decentralized wastewater valorization: process performance and optimization potential. Environmental Technology (United Kingdom), 2013, 34, 1947-1956.	1.2	16
13	Reactor Designs and Configurations for Biological and Bioelectrochemical C1 Gas Conversion: A Review. International Journal of Environmental Research and Public Health, 2021, 18, 11683.	1.2	16
14	Application of microbial fuel cell technology for vinasse treatment and bioelectricity generation. Biotechnology Letters, 2019, 41, 107-114.	1.1	13
15	Assessment of Electron Transfer Mechanisms during a Long-Term Sediment Microbial Fuel Cell Operation. Energies, 2019, 12, 481.	1.6	12
16	Microbially-charged electrochemical fuel for energy storage in a redox flow cell. Journal of Power Sources, 2020, 445, 227307.	4.0	8
17	Bioelectrochemical energy storage in a Microbial Redox Flow Cell. Journal of Energy Storage, 2021, 39, 102610.	3.9	2