

# Luciana Peixoto

## List of Publications by Year in descending order

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Version: 2024-02-01

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