

Laura Rago

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

817
citations

516561

16
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

1095
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen production in single chamber microbial electrolysis cells with different complex substrates. <i>Water Research</i> , 2015, 68, 601-615.	5.3	154
2	Influences of dissolved oxygen concentration on biocathodic microbial communities in microbial fuel cells. <i>Bioelectrochemistry</i> , 2017, 116, 39-51.	2.4	101
3	Microbial community analysis in a long-term membrane-less microbial electrolysis cell with hydrogen and methane production. <i>Bioelectrochemistry</i> , 2015, 106, 359-368.	2.4	69
4	Operational aspects, pH transition and microbial shifts of a H ₂ S desulfurizing biotrickling filter with random packing material. <i>Chemosphere</i> , 2013, 93, 2675-2682.	4.2	67
5	A study of microbial communities on terracotta separator and on biocathode of air breathing microbial fuel cells. <i>Bioelectrochemistry</i> , 2018, 120, 18-26.	2.4	48
6	Electroactive Biochar for Large-Scale Environmental Applications of Microbial Electrochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18198-18212.	3.2	46
7	Hydrogen production from crude glycerol in an alkaline microbial electrolysis cell. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 17204-17213.	3.8	42
8	2-Bromoethanesulfonate degradation in bioelectrochemical systems. <i>Bioelectrochemistry</i> , 2015, 105, 44-49.	2.4	40
9	Increased performance of hydrogen production in microbial electrolysis cells under alkaline conditions. <i>Bioelectrochemistry</i> , 2016, 109, 57-62.	2.4	36
10	Anode Biofilms of <i>Geothalobacter ferroplasticus</i> Exhibit Electrochemical Signatures of Multiple Electron Transport Pathways. <i>Langmuir</i> , 2015, 31, 12552-12559.	1.6	34
11	Methanol opportunities for electricity and hydrogen production in bioelectrochemical systems. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 770-777.	3.8	32
12	Bioelectrochemical Nitrogen fixation (e-BNF): Electro-stimulation of enriched biofilm communities drives autotrophic nitrogen and carbon fixation. <i>Bioelectrochemistry</i> , 2019, 125, 105-115.	2.4	28
13	Identification of <i>Clostridium cochlearium</i> as an electroactive microorganism from the mouse gut microbiome. <i>Bioelectrochemistry</i> , 2019, 130, 107334.	2.4	23
14	Bioelectrochemical hydrogen production with cheese whey as sole substrate. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 173-179.	1.6	20
15	Microbial recycling cells: First steps into a new type of microbial electrochemical technologies, aimed at recovering nutrients from wastewater. <i>Bioresource Technology</i> , 2019, 277, 117-127.	4.8	20
16	Oxygen barrier and catalytic effect of the cathodic biofilm in single chamber microbial fuel cells. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2199-2207.	1.6	17
17	Performance of microbial electrolysis cells with bioanodes grown at different external resistances. <i>Water Science and Technology</i> , 2016, 73, 1129-1135.	1.2	12
18	Obtaining microbial communities with exoelectrogenic activity from anaerobic sludge using a simplified procedure. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1727-1732.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Electro-Fermentationâ€™Microbial Electrochemistry as New Frontier in Biomass Refineries and Industrial Fermentations. , 2019, , 265-287.		10
20	Electroactive microorganisms in mouse feces. Electrochimica Acta, 2021, 365, 137326.	2.6	8