

John Regan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,770
citations

471061

17
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

2148
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of anode bacterial communities and performance in microbial fuel cells with different electron donors. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 393-402.	1.7	377
2	Hydrogen and methane production from swine wastewater using microbial electrolysis cells. <i>Water Research</i> , 2009, 43, 1480-1488.	5.3	257
3	Isolation of the exoelectrogenic denitrifying bacterium <i>Comamonas denitrificans</i> based on dilution to extinction. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1575-1587.	1.7	179
4	Nitrogen removal in a single-chamber microbial fuel cell with nitrifying biofilm enriched at the air cathode. <i>Water Research</i> , 2012, 46, 2215-2224.	5.3	131
5	Diversity of nitrifying bacteria in full-scale chloraminated distribution systems. <i>Water Research</i> , 2003, 37, 197-205.	5.3	126
6	Characterization of Microbial Fuel Cells at Microbially and Electrochemically Meaningful Time scales. <i>Environmental Science & Technology</i> , 2011, 45, 2435-2441.	4.6	111
7	Electricity production and microbial biofilm characterization in cellulose-fed microbial fuel cells. <i>Water Science and Technology</i> , 2008, 58, 617-622.	1.2	107
8	Anodic biofilms in microbial fuel cells harbor low numbers of higher-power-producing bacteria than abundant genera. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 371-380.	1.7	104
9	Characterization of the cellulolytic and hydrogen-producing activities of six mesophilic <i>Clostridium</i> species. <i>Journal of Applied Microbiology</i> , 2007, 103, 2258-2266.	1.4	77
10	Facultative Nitrate Reduction by Electrode-Respiring <i>Geobacter metallireducens</i> Biofilms as a Competitive Reaction to Electrode Reduction in a Bioelectrochemical System. <i>Environmental Science & Technology</i> , 2015, 49, 3195-3202.	4.6	60
11	Hydrogen production by <i>Clostridium acetobutylicum</i> ATCC 824 and megaplasmid-deficient mutant M5 evaluated using a large headspace volume technique. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 9347-9353.	3.8	51
12	Disinfection by-product formation potentials in wastewater effluents and their reductions in a wastewater treatment plant. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1515.	2.1	37
13	Enhanced nitrogen removal in single-chamber microbial fuel cells with increased gas diffusion areas. <i>Biotechnology and Bioengineering</i> , 2013, 110, 785-791.	1.7	29
14	Kinetic study on anaerobic oxidation of methane coupled to denitrification. <i>Enzyme and Microbial Technology</i> , 2017, 104, 47-55.	1.6	29
15	Current generation in microbial electrolysis cells with addition of amorphous ferric hydroxide, Tween 80, or DNA. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 16943-16950.	3.8	20
16	Disinfection of synthetic and real municipal wastewater effluent by flow-through pulsed UV-light treatment system. <i>Journal of Water Process Engineering</i> , 2016, 10, 89-97.	2.6	20
17	Effects of constant or dynamic low anode potentials on microbial community development in bioelectrochemical systems. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9319-9329.	1.7	18
18	Organotrophic acid-tolerant microorganisms enriched from an acid mine drainage affected environment as inoculum for microbial fuel cells. <i>Science of the Total Environment</i> , 2019, 678, 639-646.	3.9	16

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19	Enumeration of exoelectrogens in microbial fuel cell effluents fed acetate or wastewater substrates. <i>Biochemical Engineering Journal</i> , 2021, 165, 107816.	1.8	11
20	Evidence for polyphosphate accumulating organism (PAO)-mediated phosphorus cycling in stream biofilms under alternating aerobic/anaerobic conditions. <i>Freshwater Science</i> , 2017, 36, 284-296.	0.9	10