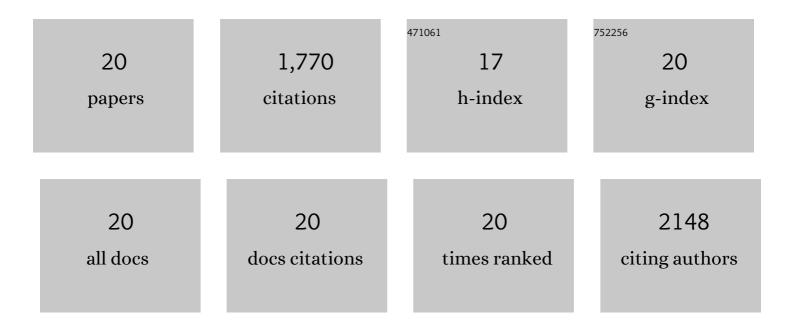
John Regan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2637253/publications.pdf Version: 2024-02-01



IOHN RECAN

#	Article	IF	CITATIONS
1	Comparison of anode bacterial communities and performance in microbial fuel cells with different electron donors. Applied Microbiology and Biotechnology, 2007, 77, 393-402.	1.7	377
2	Hydrogen and methane production from swine wastewater using microbial electrolysis cells. Water Research, 2009, 43, 1480-1488.	5.3	257
3	Isolation of the exoelectrogenic denitrifying bacterium Comamonas denitrificans based on dilution to extinction. Applied Microbiology and Biotechnology, 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. Water Research, 2012, 46, 2215-2224.	5.3	131
5	Diversity of nitrifying bacteria in full-scale chloraminated distribution systems. Water Research, 2003, 37, 197-205.	5.3	126
6	Characterization of Microbial Fuel Cells at Microbially and Electrochemically Meaningful Time scales. Environmental Science & amp; Technology, 2011, 45, 2435-2441.	4.6	111
7	Electricity production and microbial biofilm characterization in cellulose-fed microbial fuel cells. Water Science and Technology, 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. Applied Microbiology and Biotechnology, 2010, 88, 371-380.	1.7	104
9	Characterization of the cellulolytic and hydrogen-producing activities of six mesophilic Clostridium species. Journal of Applied Microbiology, 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. Environmental Science & Technology, 2015, 49, 3195-3202.	4.6	60
11	Hydrogen production by Clostridium acetobutylicum ATCC 824Âand megaplasmid-deficient mutant M5 evaluated using a large headspace volume technique. International Journal of Hydrogen Energy, 2009, 34, 9347-9353.	3.8	51
12	Disinfection by-product formation potentials in wastewater effluents and their reductions in a wastewater treatment plant. Journal of Environmental Monitoring, 2012, 14, 1515.	2.1	37
13	Enhanced nitrogen removal in singleâ€chamber microbial fuel cells with increased gas diffusion areas. Biotechnology and Bioengineering, 2013, 110, 785-791.	1.7	29
14	Kinetic study on anaerobic oxidation of methane coupled to denitrification. Enzyme and Microbial Technology, 2017, 104, 47-55.	1.6	29
15	Current generation in microbial electrolysis cells with addition of amorphous ferric hydroxide, Tween 80, or DNA. International Journal of Hydrogen Energy, 2012, 37, 16943-16950.	3.8	20
16	Disinfection of synthetic and real municipal wastewater effluent by flow-through pulsed UV-light treatment system. Journal of Water Process Engineering, 2016, 10, 89-97.	2.6	20
17	Effects of constant or dynamic low anode potentials on microbial community development in bioelectrochemical systems. Applied Microbiology and Biotechnology, 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. Science of the Total Environment, 2019, 678, 639-646.	3.9	16

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