

Hitesh C Boghani

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

440
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

530
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of 4-Nitrophenol, a Model Toxic Compound, Using Multi-Stage Microbial Fuel Cells. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	18
2	Bioelectrochemical treatment and recovery of copper from distillery waste effluents using power and voltage control strategies. <i>Journal of Hazardous Materials</i> , 2019, 371, 18-26.	12.4	14
3	Scaling Up of MFCs: Challenges and Case Studies. , 2018, , 459-481.		8
4	Sampled-time control of a microbial fuel cell stack. <i>Journal of Power Sources</i> , 2017, 356, 338-347.	7.8	23
5	Reducing the burden of food processing washdown wastewaters using microbial fuel cells. <i>Biochemical Engineering Journal</i> , 2017, 117, 210-217.	3.6	16
6	Electricity Production by the Application of a Low Voltage DC-DC Boost Converter to a Continuously Operating Flat-Plate Microbial Fuel Cell. <i>Energies</i> , 2017, 10, 596.	3.1	12
7	Control of microbial fuel cell voltage using a gain scheduling control strategy. <i>Journal of Power Sources</i> , 2016, 322, 106-115.	7.8	31
8	Maximum Power Point Tracking to Increase the Power Production and Treatment Efficiency of a Continuously Operated Flat-Plate Microbial Fuel Cell. <i>Energy Technology</i> , 2016, 4, 1427-1434.	3.8	24
9	The effect of internal capacitance on power quality and energy efficiency in a tubular microbial fuel cell. <i>Process Biochemistry</i> , 2014, 49, 973-980.	3.7	40
10	Inhibition of methane production in microbial fuel cells: Operating strategies which select electrogens over methanogens. <i>Bioresource Technology</i> , 2014, 173, 75-81.	9.6	85
11	Controlling for peak power extraction from microbial fuel cells can increase stack voltage and avoid cell reversal. <i>Journal of Power Sources</i> , 2014, 269, 363-369.	7.8	56
12	Control of power sourced from a microbial fuel cell reduces its start-up time and increases bioelectrochemical activity. <i>Bioresource Technology</i> , 2013, 140, 277-285.	9.6	55
13	Analysis of the dynamic performance of a microbial fuel cell using a system identification approach. <i>Journal of Power Sources</i> , 2013, 238, 218-226.	7.8	9
14	Porous anodes with helical flow pathways in bioelectrochemical systems: The effects of fluid dynamics and operating regimes. <i>Journal of Power Sources</i> , 2012, 213, 382-390.	7.8	49