

Pau Batlle-Vilanova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3969834/publications.pdf>

Version: 2024-02-01

14
papers

1,230
citations

758635

12
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial electrosynthesis of butyrate from carbon dioxide. <i>Chemical Communications</i> , 2015, 51, 3235-3238.	2.2	242
2	Microbial Electrosynthesis of Isobutyric, Butyric, Caproic Acids, and Corresponding Alcohols from Carbon Dioxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8485-8493.	3.2	174
3	On the Edge of Research and Technological Application: A Critical Review of Electromethanogenesis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 874.	1.8	170
4	Microbial electrosynthesis of butyrate from carbon dioxide: Production and extraction. <i>Bioelectrochemistry</i> , 2017, 117, 57-64.	2.4	159
5	Continuous acetate production through microbial electrosynthesis from CO_2 with microbial mixed culture. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 921-927.	1.6	128
6	Assessment of biotic and abiotic graphite cathodes for hydrogen production in microbial electrolysis cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1297-1305.	3.8	80
7	Bio-electrorecycling of carbon dioxide into bioplastics. <i>Green Chemistry</i> , 2018, 20, 4058-4066.	4.6	76
8	Deciphering the electron transfer mechanisms for biogas upgrading to biomethane within a mixed culture biocathode. <i>RSC Advances</i> , 2015, 5, 52243-52251.	1.7	75
9	Biogas upgrading, CO_2 valorisation and economic revaluation of bioelectrochemical systems through anodic chlorine production in the framework of wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 690, 352-360.	3.9	53
10	Tracking bio-hydrogen-mediated production of commodity chemicals from carbon dioxide and renewable electricity. <i>Bioresource Technology</i> , 2017, 228, 201-209.	4.8	34
11	Microbial Community Pathways for the Production of Volatile Fatty Acids From CO_2 and Electricity. <i>Frontiers in Energy Research</i> , 2018, 6, .	1.2	16
12	Mixed Culture Biocathodes for Production of Hydrogen, Methane, and Carboxylates. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2017, 167, 203-229.	0.6	12
13	Modelling the simultaneous production and separation of acetic acid from CO_2 using an anion exchange membrane microbial electrosynthesis system. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1211-1217.	1.6	11
14	Approaching Bioelectrochemical Systems to Real Facilities Within the Framework of CO_2 Valorization and Biogas Upgrading. <i>Advances in Science, Technology and Innovation</i> , 2020, , 3-5.	0.2	0