

Marta Coma

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,109
citations

623734

14
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Selecting fermentation products for food waste valorisation with HRT and OLR as the key operational parameters. <i>Waste Management</i> , 2021, 127, 80-89.	7.4	34
2	Adjusting Organic Load as a Strategy to Direct Single-Stage Food Waste Fermentation from Anaerobic Digestion to Chain Elongation. <i>Processes</i> , 2020, 8, 1487.	2.8	15
3	Medium Chain Carboxylic Acids from Complex Organic Feedstocks by Mixed Culture Fermentation. <i>Molecules</i> , 2019, 24, 398.	3.8	105
4	Chemicals from Food Supply Chain By-Products and Waste Streams. <i>Molecules</i> , 2019, 24, 978.	3.8	5
5	Organic waste as a sustainable feedstock for platform chemicals. <i>Faraday Discussions</i> , 2017, 202, 175-195.	3.2	92
6	Feedstocks and analysis: general discussion. <i>Faraday Discussions</i> , 2017, 202, 497-519.	3.2	2
7	Bio-based chemicals: general discussion. <i>Faraday Discussions</i> , 2017, 202, 227-245.	3.2	0
8	Conversion technologies: general discussion. <i>Faraday Discussions</i> , 2017, 202, 371-389.	3.2	0
9	A Clostridium Group IV Species Dominates and Suppresses a Mixed Culture Fermentation by Tolerance to Medium Chain Fatty Acids Products. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 8.	4.1	71
10	High salinity in molasses wastewaters shifts anaerobic digestion to carboxylate production. <i>Water Research</i> , 2016, 98, 293-301.	11.3	57
11	Production of carboxylates from high rate activated sludge through fermentation. <i>Bioresource Technology</i> , 2016, 217, 165-172.	9.6	30
12	Acetate accumulation enhances mixed culture fermentation of biomass to lactic acid. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8337-8348.	3.6	19
13	Product Diversity Linked to Substrate Usage in Chain Elongation by Mixed-Culture Fermentation. <i>Environmental Science & Technology</i> , 2016, 50, 6467-6476.	10.0	105
14	Integrated side-stream reactor for biological nutrient removal and minimization of sludge production. <i>Water Science and Technology</i> , 2015, 71, 1056-1064.	2.5	10
15	Granularity determination of activated sludge through on-line profiles by means of case-based reasoning. <i>Water Science and Technology</i> , 2014, 69, 760-767.	2.5	0
16	Electrolytic Membrane Extraction Enables Production of Fine Chemicals from Biorefinery Sidestreams. <i>Environmental Science & Technology</i> , 2014, 48, 7135-7142.	10.0	105
17	Autotrophic Denitrification in Microbial Fuel Cells Treating Low Ionic Strength Waters. <i>Environmental Science & Technology</i> , 2012, 46, 2309-2315.	10.0	159
18	Microbial fuel cell application in landfill leachate treatment. <i>Journal of Hazardous Materials</i> , 2011, 185, 763-767.	12.4	139

#	ARTICLE	IF	CITATIONS
19	Simultaneous domestic wastewater treatment and renewable energy production using microbial fuel cells (MFCs). <i>Water Science and Technology</i> , 2011, 64, 904-909.	2.5	50
20	Effect of cycle changes on simultaneous biological nutrient removal in a sequencing batch reactor (SBR). <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 285-294.	2.2	7
21	Nitrogen removal from landfill leachate using the SBR technology. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 283-290.	2.2	27
22	Selection between alcohols and volatile fatty acids as external carbon sources for EBPR. <i>Water Research</i> , 2008, 42, 557-566.	11.3	77