

# Marta Coma

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6431674/publications.pdf>

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	Autotrophic Denitrification in Microbial Fuel Cells Treating Low Ionic Strength Waters. <i>Environmental Science &amp; Technology</i> , 2012, 46, 2309-2315.	10.0	159
2	Microbial fuel cell application in landfill leachate treatment. <i>Journal of Hazardous Materials</i> , 2011, 185, 763-767.	12.4	139
3	Electrolytic Membrane Extraction Enables Production of Fine Chemicals from Biorefinery Sidestreams. <i>Environmental Science &amp; Technology</i> , 2014, 48, 7135-7142.	10.0	105
4	Product Diversity Linked to Substrate Usage in Chain Elongation by Mixed-Culture Fermentation. <i>Environmental Science &amp; Technology</i> , 2016, 50, 6467-6476.	10.0	105
5	Medium Chain Carboxylic Acids from Complex Organic Feedstocks by Mixed Culture Fermentation. <i>Molecules</i> , 2019, 24, 398.	3.8	105
6	Organic waste as a sustainable feedstock for platform chemicals. <i>Faraday Discussions</i> , 2017, 202, 175-195.	3.2	92
7	Selection between alcohols and volatile fatty acids as external carbon sources for EBPR. <i>Water Research</i> , 2008, 42, 557-566.	11.3	77
8	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
9	High salinity in molasses wastewaters shifts anaerobic digestion to carboxylate production. <i>Water Research</i> , 2016, 98, 293-301.	11.3	57
10	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
11	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
12	Production of carboxylates from high rate activated sludge through fermentation. <i>Bioresource Technology</i> , 2016, 217, 165-172.	9.6	30
13	Nitrogen removal from landfill leachate using the SBR technology. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 283-290.	2.2	27
14	Acetate accumulation enhances mixed culture fermentation of biomass to lactic acid. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8337-8348.	3.6	19
15	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
16	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
17	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
18	Chemicals from Food Supply Chain By-Products and Waste Streams. <i>Molecules</i> , 2019, 24, 978.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Feedstocks and analysis: general discussion. Faraday Discussions, 2017, 202, 497-519.	3.2	2
20	Granularity determination of activated sludge through on-line profiles by means of case-based reasoning. Water Science and Technology, 2014, 69, 760-767.	2.5	0
21	Bio-based chemicals: general discussion. Faraday Discussions, 2017, 202, 227-245.	3.2	0
22	Conversion technologies: general discussion. Faraday Discussions, 2017, 202, 371-389.	3.2	0