

# Charline Bonatto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7161389/publications.pdf>

Version: 2024-02-01

19  
papers

394  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of pretreatments on corn stalk chemical properties for biogas production purposes. <i>Bioresource Technology</i> , 2018, 266, 116-124.	9.6	80
2	Hydrothermal pretreatment of lignocellulosic biomass for hemicellulose recovery. <i>Bioresource Technology</i> , 2021, 342, 126033.	9.6	76
3	Production of biofuels from soybean straw and hull hydrolysates obtained by subcritical water hydrolysis. <i>Bioresource Technology</i> , 2021, 328, 124837.	9.6	37
4	A review on alternative bioprocesses for removal of emerging contaminants. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2117-2129.	3.4	33
5	Development of fermented beverage with water kefir in water-soluble coconut extract (Cocos) Tj ETQq1 1 0.784314,rgBT /Overlock 10 5.2	5.2	33
6	Evaluation of Bioethanol Production from a Mixed Fruit Waste by <i>Wickerhamomyces</i> sp. UFFS-CE-3.1.2. <i>Bioenergy Research</i> , 2022, 15, 175-182.	3.9	18
7	Experimental data and modelling of 2G ethanol production by <i>Wickerhamomyces</i> sp. UFFS-CE-3.1.2. <i>Renewable Energy</i> , 2020, 145, 2445-2450.	8.9	14
8	<i>Fusarium oxysporum</i> and <i>Aspergillus</i> sp. as Keratinase Producers Using Swine Hair From Agroindustrial Residues. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 71.	4.1	14
9	Uses of Bacteriophages as Bacterial Control Tools and Environmental Safety Indicators. <i>Frontiers in Microbiology</i> , 2021, 12, 793135.	3.5	14
10	Current production of bioherbicides: mechanisms of action and technical and scientific challenges to improve food and environmental security. <i>Biocatalysis and Biotransformation</i> , 2021, 39, 346-359.	2.0	13
11	Bioprospection of Enzymes and Microorganisms in Insects to Improve Second-Generation Ethanol Production. <i>Industrial Biotechnology</i> , 2019, 15, 336-349.	0.8	12
12	Utilization of seawater and wastewater from shrimp production in the fermentation of papaya residues to ethanol. <i>Bioresource Technology</i> , 2021, 321, 124501.	9.6	12
13	Bioethanol Production From Hydrolyzed Lignocellulosic After Detoxification Via Adsorption With Activated Carbon and Dried Air Stripping. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 107.	4.1	10
14	Physical, Chemical, and Biological Substrate Pretreatments to Enhance Biogas Yield. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 25-44.	0.3	8
15	Nutritional, Energy and Sanitary Aspects of Swine Manure and Carcass Co-digestion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 333.	4.1	8
16	Extremophile Microbial Communities and Enzymes for Bioenergetic Application Based on Multi-Omics Tools. <i>Current Genomics</i> , 2020, 21, 240-252.	1.6	7
17	Sustainability of Biorefineries: Challenges Associated with Hydrolysis Methods for Biomass Valorization. <i>Clean Energy Production Technologies</i> , 2020, , 255-272.	0.5	3
18	Reactional ultrasonic systems and microwave irradiation for pretreatment of agro-industrial waste to increase enzymatic activity. <i>Bioresources and Bioprocessing</i> , 2020, 7, .	4.2	1

#	ARTICLE	IF	CITATIONS
19	Toxicological assessment of biobased products: trends and challenges. , 2022, , 367-392.		1