

Alessandra Procentese

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,117
citations

535685

17
h-index

591227

27
g-index

32
all docs

32
docs citations

32
times ranked

1400
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of chlorine atoms in choline chloride-monocarboxylic acid for the pretreatment of oil palm fronds and enzymatic hydrolysis. <i>Renewable Energy</i> , 2022, 182, 285-295.	4.3	15
2	The application of green solvent in a biorefinery using lignocellulosic biomass as a feedstock. <i>Journal of Environmental Management</i> , 2022, 307, 114385.	3.8	33
3	The "Zero Miles Product" Concept Applied to Biofuel Production: A Case Study. <i>Energies</i> , 2021, 14, 565.	1.6	4
4	A Utilization of Choline Chloride-Based Deep Eutectic Solvent Integrated with Alkaline Earth Metal Hexahydrate in the Pretreatment of Oil Palm Fronds. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 2011-2026.	1.8	13
5	Bio-butanol recovery by adsorption/desorption processes. <i>Separation and Purification Technology</i> , 2020, 235, 116145.	3.9	26
6	Combined pretreatments of coffee silverskin to enhance fermentable sugar yield. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 1237-1249.	2.9	13
7	Kinetic Characterization of Enzymatic Hydrolysis of Apple Pomace as Feedstock for a Sugar-Based Biorefinery. <i>Energies</i> , 2020, 13, 1051.	1.6	9
8	Cell Factories for Industrial Production Processes: Current Issues and Emerging Solutions. <i>Processes</i> , 2020, 8, 768.	1.3	26
9	Integrated enzymatic pretreatment and hydrolysis of apple pomace in a bubble column bioreactor. <i>Biochemical Engineering Journal</i> , 2019, 150, 107306.	1.8	20
10	Investigation of Enzymatic Hydrolysis of Coffee Silverskin Aimed at the Production of Butanol and Succinic Acid by Fermentative Processes. <i>Bioenergy Research</i> , 2019, 12, 312-324.	2.2	23
11	Agro Food Wastes and Innovative Pretreatments to Meet Biofuel Demand in Europe. <i>Chemical Engineering and Technology</i> , 2019, 42, 954-961.	0.9	21
12	Combined antioxidant-biofuel production from coffee silverskin. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1021-1029.	1.7	16
13	Potential use of pure and diluted choline chloride-based deep eutectic solvent in delignification of oil palm fronds. <i>Chemical Engineering Research and Design</i> , 2019, 123, 190-198.	2.7	77
14	Deep Eutectic Solvents pretreatment of agro-industrial food waste. <i>Biotechnology for Biofuels</i> , 2018, 11, 37.	6.2	94
15	Bio-butanol separation by adsorption on various materials: Assessment of isotherms and effects of other ABE-fermentation compounds. <i>Separation and Purification Technology</i> , 2018, 191, 328-339.	3.9	39
16	Fermentable Sugar Production from a Coffee Processing By-product after Deep Eutectic Solvent Pretreatment. <i>Bioresource Technology Reports</i> , 2018, 4, 174-180.	1.5	17
17	Pre-treatment and enzymatic hydrolysis of lettuce residues as feedstock for bio-butanol production. <i>Biomass and Bioenergy</i> , 2017, 96, 172-179.	2.9	67
18	Low-energy biomass pretreatment with deep eutectic solvents for bio-butanol production. <i>Bioresource Technology</i> , 2017, 243, 464-473.	4.8	78

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19	Renewable feedstocks for biobutanol production by fermentation. <i>New Biotechnology</i> , 2017, 39, 135-140.	2.4	44
20	Continuous butanol production by <i>Clostridium acetobutylicum</i> in a series of packed bed reactors. <i>New Biotechnology</i> , 2016, 33, S60.	2.4	0
21	Butanol production by <i>Clostridium acetobutylicum</i> in a series of packed bed biofilm reactors. <i>Chemical Engineering Science</i> , 2016, 152, 678-688.	1.9	25
22	Deep eutectic solvent pretreatment and subsequent saccharification of corncob. <i>Bioresource Technology</i> , 2015, 192, 31-36.	4.8	273
23	Continuous lactose fermentation by <i>Clostridium acetobutylicum</i> – Assessment of solventogenic kinetics. <i>Bioresource Technology</i> , 2015, 180, 330-337.	4.8	16
24	Butanol Production from Leftover Beverages and Sport Drinks. <i>Bioenergy Research</i> , 2015, 8, 369-379.	2.2	28
25	Continuous xylose fermentation by <i>Clostridium acetobutylicum</i> – Assessment of solventogenic kinetics. <i>Bioresource Technology</i> , 2015, 192, 142-148.	4.8	16
26	Kinetic study of butanol production from various sugars by <i>Clostridium acetobutylicum</i> using a dynamic model. <i>Biochemical Engineering Journal</i> , 2015, 99, 156-166.	1.8	32
27	Continuous xylose fermentation by <i>Clostridium acetobutylicum</i> – Kinetics and energetics issues under acidogenesis conditions. <i>Bioresource Technology</i> , 2014, 164, 155-161.	4.8	17
28	Butanol production by bioconversion of cheese whey in a continuous packed bed reactor. <i>Bioresource Technology</i> , 2013, 138, 259-265.	4.8	67