

Alessandra Procentese

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,117
citations

471509

17
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep eutectic solvent pretreatment and subsequent saccharification of corncob. <i>Bioresource Technology</i> , 2015, 192, 31-36.	9.6	273
2	Deep Eutectic Solvents pretreatment of agro-industrial food waste. <i>Biotechnology for Biofuels</i> , 2018, 11, 37.	6.2	94
3	Low-energy biomass pretreatment with deep eutectic solvents for bio-butanol production. <i>Bioresource Technology</i> , 2017, 243, 464-473.	9.6	78
4	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.	5.6	77
5	Butanol production by bioconversion of cheese whey in a continuous packed bed reactor. <i>Bioresource Technology</i> , 2013, 138, 259-265.	9.6	67
6	Pre-treatment and enzymatic hydrolysis of lettuce residues as feedstock for bio-butanol production. <i>Biomass and Bioenergy</i> , 2017, 96, 172-179.	5.7	67
7	Renewable feedstocks for biobutanol production by fermentation. <i>New Biotechnology</i> , 2017, 39, 135-140.	4.4	44
8	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.	7.9	39
9	The application of green solvent in a biorefinery using lignocellulosic biomass as a feedstock. <i>Journal of Environmental Management</i> , 2022, 307, 114385.	7.8	33
10	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.	3.6	32
11	Butanol Production from Leftover Beverages and Sport Drinks. <i>Bioenergy Research</i> , 2015, 8, 369-379.	3.9	28
12	Bio-butanol recovery by adsorption/desorption processes. <i>Separation and Purification Technology</i> , 2020, 235, 116145.	7.9	26
13	Cell Factories for Industrial Production Processes: Current Issues and Emerging Solutions. <i>Processes</i> , 2020, 8, 768.	2.8	26
14	Butanol production by <i>Clostridium acetobutylicum</i> in a series of packed bed biofilm reactors. <i>Chemical Engineering Science</i> , 2016, 152, 678-688.	3.8	25
15	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.	3.9	23
16	Agro Food Wastes and Innovative Pretreatments to Meet Biofuel Demand in Europe. <i>Chemical Engineering and Technology</i> , 2019, 42, 954-961.	1.5	21
17	Integrated enzymatic pretreatment and hydrolysis of apple pomace in a bubble column bioreactor. <i>Biochemical Engineering Journal</i> , 2019, 150, 107306.	3.6	20
18	Continuous xylose fermentation by <i>Clostridium acetobutylicum</i> – Kinetics and energetics issues under acidogenesis conditions. <i>Bioresource Technology</i> , 2014, 164, 155-161.	9.6	17

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19	Fermentable Sugar Production from a Coffee Processing By-product after Deep Eutectic Solvent Pretreatment. <i>Bioresource Technology Reports</i> , 2018, 4, 174-180.	2.7	17
20	Continuous lactose fermentation by <i>Clostridium acetobutylicum</i> – Assessment of solventogenic kinetics. <i>Bioresource Technology</i> , 2015, 180, 330-337.	9.6	16
21	Continuous xylose fermentation by <i>Clostridium acetobutylicum</i> – Assessment of solventogenic kinetics. <i>Bioresource Technology</i> , 2015, 192, 142-148.	9.6	16
22	Combined antioxidant-biofuel production from coffee silverskin. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1021-1029.	3.6	16
23	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.	8.9	15
24	Combined pretreatments of coffee silverskin to enhance fermentable sugar yield. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 1237-1249.	4.6	13
25	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.	3.7	13
26	Kinetic Characterization of Enzymatic Hydrolysis of Apple Pomace as Feedstock for a Sugar-Based Biorefinery. <i>Energies</i> , 2020, 13, 1051.	3.1	9
27	The “Zero Miles Product”-Concept Applied to Biofuel Production: A Case Study. <i>Energies</i> , 2021, 14, 565.	3.1	4
28	Continuous butanol production by <i>Clostridium acetobutylicum</i> in a series of packed bed reactors. <i>New Biotechnology</i> , 2016, 33, S60.	4.4	0