

Marttin Paulraj Gundupalli

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

325
citations

933264

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940416

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23
all docs

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docs citations

23
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous base catalysts: Synthesis and application for biodiesel production – A review. <i>Bioresource Technology</i> , 2021, 331, 125054.	4.8	137
2	Effect of dewaxing on saccharification and ethanol production from different lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 339, 125596.	4.8	23
3	Hydrothermal liquefaction of residues of <i>Cocos nucifera</i> (coir and pith) using subcritical water: Process optimization and product characterization. <i>Energy</i> , 2021, 236, 121466.	4.5	20
4	Sequential acid hydrolysis and enzymatic saccharification of coconut coir for recovering reducing sugar: Process evaluation and optimization. <i>Bioresource Technology Reports</i> , 2019, 6, 70-80.	1.5	18
5	Impact of sulfuric acid pretreatment of durian peel on the production of fermentable sugar and ethanol. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100264.	1.3	17
6	Alkaline hydrolysis of coconut pith: process optimization, enzymatic saccharification, and nitrobenzene oxidation of Kraft lignin. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 2349-2367.	2.9	14
7	Combined effect of hot water and deep eutectic solvent (DES) pretreatment on a lignocellulosic biomass mixture for improved saccharification efficiency. <i>Bioresource Technology Reports</i> , 2022, 17, 100986.	1.5	14
8	Ethanol Production from Acid Pretreated Food Waste Hydrolysate Using <i>Saccharomyces cerevisiae</i> 74D694 and Optimizing the Process Using Response Surface Methodology. <i>Waste and Biomass Valorization</i> , 2019, 10, 701-708.	1.8	13
9	Nutrient Removal from Wastewater Using Microalgae: A Kinetic Evaluation and Lipid Analysis. <i>Water Environment Research</i> , 2018, 90, 520-529.	1.3	11
10	Interferences of Waxes on Enzymatic Saccharification and Ethanol Production from Lignocellulose Biomass. <i>Bioengineering</i> , 2021, 8, 171.	1.6	11
11	Differential effects of inorganic salts on cellulase kinetics in enzymatic saccharification of cellulose and lignocellulosic biomass. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2331-2344.	1.7	9
12	Characterization of biologically active compounds from different herbs: Influence of drying and extraction methods. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100297.	1.3	9
13	Ionic liquid assisted pretreatment to improve cellulose fractionation of lignocellulosic biomass. , 2022, , 75-99.		6
14	Recovery of Reducing Sugar from Food Waste: Optimization of Pretreatment Parameters Using Response Surface Methodology. <i>Springer Proceedings in Energy</i> , 2017, , 161-172.	0.2	5
15	Hydrothermal liquefaction of lignocellulosic biomass for production of biooil and by-products. , 2022, , 61-84.		5
16	Understanding the effect of low-concentrated protic ionic liquids (PILs) on coconut (<i>Cocos</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tj 50 142 T	2.9	5
17	Effect of different mineral acids on coconut coir for recovery of reducing Sugar: Process optimization using response surface Methodology (RSM). <i>Materials Today: Proceedings</i> , 2021, , .	0.9	4
18	Process Optimization for Recovery of Reducing Sugar from Coconut Pith Using Sequential Hydrothermal Pretreatment and Enzymatic Saccharification. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2018, 9, 94-199.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Effects of Inorganic Salts on Enzymatic Saccharification Kinetics of Lignocellulosic Biomass for Biofuel Production. , 2021, , .		1
20	RSM Based Modelling for Mineral and Organic Acid Pretreatment of Coconut Pith using High Pressure Batch Reactor (HPBR). , 2018, , .		0
21	Hydrothermal Pretreatment of Tender Coconut Coir and Optimization of Process Parameters Using Response Surface Methodology. , 2018, , .		0
22	Production of Biofuel from Kitchen Wastewater by Using a Mixed Culture of Diatoms: Treatment, Kinetic Evaluation, and Lipid Analysis. , 2018, , .		0