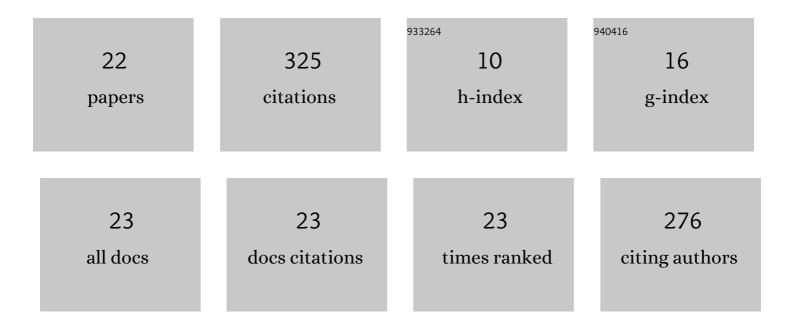
Marttin Paulraj Gundupalli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1394518/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Understanding the effect of low-concentrated protic ionic liquids (PILs) on coconut (Cocos) Tj ETQq1 1 0.784314	f rgBT /Ov	erlock 10 Tf
2	Alkaline hydrolysis of coconut pith: process optimization, enzymatic saccharification, and nitrobenzene oxidation of Kraft lignin. Biomass Conversion and Biorefinery, 2022, 12, 2349-2367.	2.9	14
3	Hydrothermal liquefaction of lignocellulosic biomass for production of biooil and by-products. , 2022, , 61-84.		5
4	Characterization of biologically active compounds from different herbs: Influence of drying and extraction methods. Journal of the Indian Chemical Society, 2022, 99, 100297.	1.3	9
5	Ionic liquid assisted pretreatment to improve cellulose fractionation of lignocellulosic biomass. , 2022, , 75-99.		6
6	Combined effect of hot water and deep eutectic solvent (DES) pretreatment on a lignocellulosic biomass mixture for improved saccharification efficiency. Bioresource Technology Reports, 2022, 17, 100986.	1.5	14
7	Effects of Inorganic Salts on Enzymatic Saccharification Kinetics of Lignocellulosic Biomass for Biofuel Production. , 2021, , .		1
8	Differential effects of inorganic salts on cellulase kinetics in enzymatic saccharification of cellulose and lignocellulosic biomass. Bioprocess and Biosystems Engineering, 2021, 44, 2331-2344.	1.7	9
9	Effect of different mineral acids on coconut coir for recovery of reducing Sugar: Process optimization using response surface Methodology (RSM). Materials Today: Proceedings, 2021, , .	0.9	4
10	Heterogeneous base catalysts: Synthesis and application for biodiesel production – A review. Bioresource Technology, 2021, 331, 125054.	4.8	137
11	Effect of dewaxing on saccharification and ethanol production from different lignocellulosic biomass. Bioresource Technology, 2021, 339, 125596.	4.8	23
12	Hydrothermal liquefaction of residues of Cocos nucifera (coir and pith) using subcritical water: Process optimization and product characterization. Energy, 2021, 236, 121466.	4.5	20
13	Interferences of Waxes on Enzymatic Saccharification and Ethanol Production from Lignocellulose Biomass. Bioengineering, 2021, 8, 171.	1.6	11
14	Impact of sulfuric acid pretreatment of durian peel on the production of fermentable sugar and ethanol. Journal of the Indian Chemical Society, 2021, 98, 100264.	1.3	17
15	Sequential acid hydrolysis and enzymatic saccharification of coconut coir for recovering reducing sugar: Process evaluation and optimization. Bioresource Technology Reports, 2019, 6, 70-80.	1.5	18
16	Ethanol Production from Acid Pretreated Food Waste Hydrolysate Using Saccharomyces cerevisiae 74D694 and Optimizing the Process Using Response Surface Methodology. Waste and Biomass Valorization, 2019, 10, 701-708.	1.8	13
17	RSM Based Modelling for Mineral and Organic Acid Pretreatment of Coconut Pith using High Pressure Batch Reactor (HPBR). , 2018, , .		0
18	Hydrothermal Pretreatment of Tender Coconut Coir and Optimization of Process Parameters Using Response Surface Methodology. , 2018, , .		0

2

#	Article	IF	CITATIONS
19	Production of Biofuel from Kitchen Wastewater by Using a Mixed Culture of Diatoms: Treatment, Kinetic Evaluation, and Lipid Analysis. , 2018, , .		Ο
20	Nutrient Removal from Wastewater Using Microalgae: A Kinetic Evaluation and Lipid Analysis. Water Environment Research, 2018, 90, 520-529.	1.3	11
21	Process Optimization for Recovery of Reducing Sugar from Coconut Pith Using Sequential Hydrothermal Pretreatment and Enzymatic Saccharification. International Journal of Chemical Engineering and Applications (IJCEA), 2018, 9, 94-199.	0.3	3
22	Recovery of Reducing Sugar from Food Waste: Optimization of Pretreatment Parameters Using Response Surface Methodology. Springer Proceedings in Energy, 2017, , 161-172.	0.2	5