

Ramesh Desikan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

594
citations

1478505

6
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

888
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of combined lime and hydrodynamic cavitation for pretreatment of corncob biomass using response surface methodology for lignin removal. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 14433-14445.	4.6	2
2	Biomass Pretreatment via Hydrodynamic Cavitation Process. <i>Methods in Molecular Biology</i> , 2021, 2290, 23-29.	0.9	4
3	Prospects and Challenges in Biogas Technology: Indian Scenario. , 2020, , 19-37.		4
4	Chemicals and Fuels Production from Agro Residues: A Biorefinery Approach. <i>Biofuel and Biorefinery Technologies</i> , 2019, , 47-71.	0.3	13
5	Influence of groundnut seed viability on biodiesel feedstock quality. <i>Industrial Crops and Products</i> , 2019, 140, 111697.	5.2	8
6	Hydrodynamic Cavitation – A Promising Technology for Biomass Pretreatment. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2019, 19, .	0.1	1
7	Perspectives and Prospects of Fermentation Technology. , 2019, , 217-232.		0
8	Delignification of corncob via combined hydrodynamic cavitation and enzymatic pretreatment: process optimization by response surface methodology. <i>Biotechnology for Biofuels</i> , 2018, 11, 203.	6.2	49
9	Pretreatment of Lignocellulosic Biomass Feedstocks for Biofuel Production. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2018, , 33-60.	0.3	4
10	Combo Catalytic Hydrothermal Pretreatment for Lignocellulosic Biomass Biofuels Production. <i>Madras Agricultural Journal</i> , 2017, 104, 269.	0.0	1
11	Comparison of Chemical Pretreatment for Recovery of Fermentable Sugars and Enzymatic Saccharification. <i>Madras Agricultural Journal</i> , 2017, 104, 273.	0.0	1
12	Rheology of Different Corncob Biomass Slurries for Hydrodynamic Cavitation Based Biomass Pretreatment Process. <i>Madras Agricultural Journal</i> , 2017, 104, 279.	0.0	1
13	Studies on pyrolytic conversion of waste plastic carry bags into plastic crude oil. <i>Journal of Applied and Natural Science</i> , 2017, 9, 2101-2104.	0.4	0
14	Thermal Behavior and Pyrolytic Characteristics of Freshwater <i>Scenedesmus</i> sp. <i>Biomass. Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 1383-1391.	2.3	11
15	The Characterization of Palm and Rice Bran Oil Biodiesel to Assess the Feasibility for Power Generation. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2014, 36, 150-157.	2.3	2
16	Sustainable Biodiesel Production Using Wastewater Streams and Microalgae in South Africa. , 2013, , 49-67.		0
17	Lipid Identification and Extraction Techniques. , 2013, , 89-98.		7
18	Effects of parameters affecting biomass yield and thermal behaviour of <i>Chlorella vulgaris</i> . <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 377-382.	2.2	102

#	ARTICLE	IF	CITATIONS
19	Bioprospecting for hyper-lipid producing microalgal strains for sustainable biofuel production. Bioresource Technology, 2011, 102, 57-70.	9.6	381