Ramesh Desikan

List of Publications by Year
in descending order

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	Bioprospecting for hyper-lipid producing microalgal strains for sustainable biofuel production. Bioresource Technology, 2011, 102, 57-70.	9.6	381
2	Effects of parameters affecting biomass yield and thermal behaviour of Chlorella vulgaris. Journal of Bioscience and Bioengineering, 2011, 111, 377-382.	2.2	102
3	Delignification of corncob via combined hydrodynamic cavitation and enzymatic pretreatment: process optimization by response surface methodology. Biotechnology for Biofuels, 2018, 11, 203.	6.2	49
4	Chemicals and Fuels Production from Agro Residues: A Biorefinery Approach. Biofuel and Biorefinery Technologies, 2019, , 47-71.	0.3	13
5	Thermal Behavior and Pyrolytic Characteristics of FreshwaterScenedesmussp. Biomass. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 1383-1391.	2.3	11
6	Influence of groundnut seed viability on biodiesel feedstock quality. Industrial Crops and Products, 2019, 140, 111697.	5.2	8
7	Lipid Identification and Extraction Techniques. , 2013, , 89-98.		7
8	Biomass Pretreatment via Hydrodynamic Cavitation Process. Methods in Molecular Biology, 2021, 2290, 23-29.	0.9	4
9	Prospects and Challenges in Biogas Technology: Indian Scenario. , 2020, , 19-37.		4
10	Pretreatment of Lignocellulosic Biomass Feedstocks for Biofuel Production. Advances in Chemical and Materials Engineering Book Series, 2018, , 33-60.	0.3	4
11	The Characterization of Palm and Rice Bran Oil Biodiesel to Assess the Feasibility for Power Generation. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 150-157.	2.3	2
12	Optimization of combined lime and hydrodynamic cavitation for pretreatment of corncob biomass using response surface methodology for lignin removal. Biomass Conversion and Biorefinery, 2023, 13, 14433-14445.	4.6	2
13	Hydrodynamic Cavitation â€“ A Promising Technology for Biomass Pretreatment. International Journal of Environmental Sciences & Natural Resources, 2019, 19, .	0.1	1
14	Combo Catalytic Hydrothermal Pretreatment for Lignocellulosic Biomass Biofuels Production. Madras Agricultural Journal, 2017, 104, 269.	0.0	1
15	Comparison of Chemical Pretreatment for Recovery of Fermentable Sugars and Enzymatic Saccharification. Madras Agricultural Journal, 2017, 104, 273.	0.0	1
16	Rheology of Different Corncob Biomass Slurries for Hydrodynamic Cavitation Based Biomass Pretreatment Process. Madras Agricultural Journal, 2017, 104, 279.	0.0	1
17	Sustainable Biodiesel Production Using Wastewater Streams and Microalgae in South Africa. , 2013, , 49-67.		0
18	Studies on pyrolytic conversion of waste plastic carry bags into plastic crude oil. Journal of Applied and Natural Science, 2017, 9, 2101-2104.	0.4	0

#	Article	IF	Citations
19	Perspectives and Prospects of Fermentation Technology. , 2019, , 217-232.		0