

Priyadharsini Shanmugam

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,184
citations

840119

11
h-index

752256

20
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24
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24
docs citations

24
times ranked

1808
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioethanol production from palm wood using <i>Trichoderma reesei</i> and <i>Kluyveromyces marxianus</i> . <i>Bioresource Technology</i> , 2019, 271, 345-352.	4.8	58
2	Recent progress on transforming crude glycerol into high value chemicals: a critical review. <i>Biofuels</i> , 2019, 10, 309-314.	1.4	23
3	Calcium Oxide Nanoparticles as An Effective Filtration Aid for Purification of Vehicle Gas Exhaust. <i>Energy, Environment, and Sustainability</i> , 2018, , 181-192.	0.6	6
4	Microbial oil – A plausible alternate resource for food and fuel application. <i>Bioresource Technology</i> , 2017, 233, 423-432.	4.8	78
5	Biodiesel production from microbial oil derived from wood isolate <i>Trichoderma reesei</i> . <i>Bioresource Technology</i> , 2017, 239, 538-541.	4.8	10
6	Biobutanol – An impending biofuel for future: A review on upstream and downstream processing techniques. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 788-807.	8.2	173
7	Enhanced pretreatment, characterization and utilization of <i>Prosopis juliflora</i> stem for bioethanol production. <i>Management of Environmental Quality</i> , 2016, 27, 598-605.	2.2	0
8	Biohydrogen and Biogas – An overview on feedstocks and enhancement process. <i>Fuel</i> , 2016, 185, 810-828.	3.4	193
9	Integrated Biorefinery for Bioenergy and Platform Chemicals. , 2016, , 417-435.		5
10	Bioethanol production by the utilisation of <i>Moringa oleifera</i> stem with sono-assisted acid/alkali hydrolysis approach. <i>International Journal of Environment and Sustainable Development</i> , 2016, 15, 392.	0.2	2
11	Optimization of biological transesterification of waste cooking oil in different solvents using response surface methodology. <i>Management of Environmental Quality</i> , 2016, 27, 537-550.	2.2	1
12	Biodiesel production from different algal oil using immobilized pure lipase and tailor made <i>Pichia pastoris</i> with Cal A and Cal B genes. <i>Bioresource Technology</i> , 2016, 213, 69-78.	4.8	26
13	Algae: Promising Future Feedstock for Biofuels. , 2015, , 1-8.		4
14	Aquatic biomass (algae) as a future feed stock for bio-refineries: A review on cultivation, processing and products. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 634-653.	8.2	177
15	The Kinetics of Interesterification on Waste Cooking Oil (Sunflower Oil) for the Production of Fatty Acid Alkyl Esters using a Whole Cell Biocatalyst (<i>Rhizopus oryzae</i>) and Pure Lipase Enzyme. <i>International Journal of Green Energy</i> , 2015, 12, 1012-1017.	2.1	11
16	Biodiesel production using chemical and biological methods – A review of process, catalyst, acyl acceptor, source and process variables. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 38, 368-382.	8.2	124
17	Biodegradation of Poly(vinyl alcohol) using <i>Pseudomonas alcaligenes</i> . <i>Asian Journal of Chemistry</i> , 2013, 25, 8663-8667.	0.1	7
18	New reports on anti-bacterial and anti-candidal activities of fatty acid methyl esters (FAME) obtained from <i>Scenedesmus bijugatus</i> var. <i>bicellularis</i> biomass. <i>RSC Advances</i> , 2012, 2, 11552.	1.7	18

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19	Comparative analysis for the production of fatty acid alkyl esterase using whole cell biocatalyst and purified enzyme from <i>Rhizopus oryzae</i> on waste cooking oil (sunflower oil). <i>Waste Management</i> , 2012, 32, 1539-1547.	3.7	48
20	Phytoconstituents evaluation and antihyperglycemic and antihyperlipidemic effects of <i>Mahonia leschenaultia</i> Takeda in streptozotocin-induced diabetic rats. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1199-1211.	0.6	3
21	Effect of the ethanolic extract of <i>Indigofera barberi</i> (L.) in acute acetaminophen induced nephrotoxic rats. <i>New Biotechnology</i> , 2009, 25, S14.	2.4	8