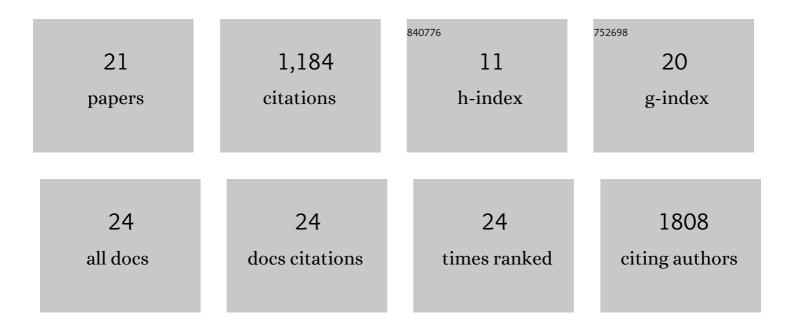
Priyadharsini Shanmugam

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Biohydrogen and Biogas – An overview on feedstocks and enhancement process. Fuel, 2016, 185, 810-828. | 6.4 | 193 |
| 2 | Aquatic biomass (algae) as a future feed stock for bio-refineries: A review on cultivation, processing and products. Renewable and Sustainable Energy Reviews, 2015, 47, 634-653. | 16.4 | 177 |
| 3 | Biobutanol – An impending biofuel for future: A review on upstream and downstream processing tecniques. Renewable and Sustainable Energy Reviews, 2017, 68, 788-807. | 16.4 | 173 |
| 4 | Biodiesel production using chemical and biological methods – A review of process, catalyst, acyl acceptor, source and process variables. Renewable and Sustainable Energy Reviews, 2014, 38, 368-382. | 16.4 | 124 |
| 5 | Microbial oil – A plausible alternate resource for food and fuel application. Bioresource Technology, 2017, 233, 423-432. | 9.6 | 78 |
| 6 | Bioethanol production from palm wood using Trichoderma reesei and Kluveromyces marxianus. Bioresource Technology, 2019, 271, 345-352. | 9.6 | 58 |
| 7 | Comparative analysis for the production of fatty acid alkyl esterase using whole cell biocatalyst and purified enzyme from Rhizopus oryzae on waste cooking oil (sunflower oil). Waste Management, 2012, 32, 1539-1547. | 7.4 | 48 |
| 8 | Biodiesel production from different algal oil using immobilized pure lipase and tailor made r Pichia pastoris with Cal A and Cal B genes. Bioresource Technology, 2016, 213, 69-78. | 9.6 | 26 |
| 9 | Recent progress on transforming crude glycerol into high value chemicals: a critical review. Biofuels, 2019, 10, 309-314. | 2.4 | 23 |
| 10 | New reports on anti-bacterial and anti-candidal activities of fatty acid methyl esters (FAME) obtained from Scenedesmus bijugatus var. bicellularis biomass. RSC Advances, 2012, 2, 11552. | 3.6 | 18 |
| 11 | The Kinetics of Interesterfication 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. International Journal of Green Energy, 2015, 12, 1012-1017. | 3.8 | 11 |
| 12 | Biodiesel production from microbial oil derived from wood isolate Trichoderma reesei. Bioresource Technology, 2017, 239, 538-541. | 9.6 | 10 |
| 13 | Effect of the ethanolic extract of Indigofera barberi (L.) in acute acetaminophen induced nephrotoxic rats. New Biotechnology, 2009, 25, S14. | 4.4 | 8 |
| 14 | Biodegradation of Poly(vinyl alcohol) using Pseudomonas alcaligenes. Asian Journal of Chemistry, 2013, 25, 8663-8667. | 0.3 | 7 |
| 15 | Calcium Oxide Nanoparticles as An Effective Filtration Aid for Purification of Vehicle Gas Exhaust. Energy, Environment, and Sustainability, 2018, , 181-192. | 1.0 | 6 |
| 16 | Integrated Biorefinery for Bioenergy and Platform Chemicals. , 2016, , 417-435. | | 5 |
| 17 | Algae: Promising Future Feedstock for Biofuels. , 2015, , 1-8. | | 4 |
| 18 | Phytoconstituents evaluation and antihyperglycemic and antihyperlipidemic effects of <i>Mahonia leschenaultia</i> Takeda in streptozotocin-induced diabetic rats. Toxicological and Environmental Chemistry, 2010, 92, 1199-1211. | 1.2 | 3 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Bioethanol production by the utilisation of Moringa oleifera stem with sono-assisted acid/alkali hydrolysis approach. International Journal of Environment and Sustainable Development, 2016, 15, 392. | 0.3 | 2 |
| 20 | Optimization of biological transesterification of waste cooking oil in different solvents using response surface methodology. Management of Environmental Quality, 2016, 27, 537-550. | 4.3 | 1 |
| 21 | Enhanced pretreatment, characterization and utilization of <i>Prosopis juliflora</i> stem for bioethanol production. Management of Environmental Quality, 2016, 27, 598-605. | 4.3 | Ο |