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PUBLICATIONS: Total 50

Last 5yrs publications

1. B. Bharathiraja, M. Chakravarthy , R. Ranjith Kumar , D. Yogendran , D. Yuvaraj , J. Jayamuthunagai , R. Praveen Kumar , S. Palani, Biodiesel production using chemical and biological methods – A review of process, catalyst, acyl acceptor, source and process variables, Renewable and Sustainable Energy Reviews- 38,362: 382. 2014. **Impact factor- 8.05**
2. B. Bharathiraja, J. Jayamuthunagai , R. Praveenkumar , M. Jayakumar , and S. Palani .The Kinetics of Interesterification on Waste Cooking Oil (Sunflower Oil) for the Production of Fatty Acid Alkyl Esters using a Whole Cell Biocatalyst (*Rhizopus oryzae*) and Pure Lipase Enzyme . International Journal of Green Energy (2015) 12, 1012–1017. **Impact factor- 1.915**
3. B. Bharathiraja, M. Chakravarthy , R. Ranjith Kumar , D. Yogendran , D. Yuvaraj , J. Jayamuthunagai , R. Praveen Kumar , S. Palani .Aquatic biomass (algae) as a future feed stock for bio-refineries: A review on cultivation, processing and products . Renewable and Sustainable Energy Reviews 47 (2015) 634–653. **Impact factor- 8.05.**
4. B. Bharathiraja, M. Chakravarthy , R. Ranjith Kumar , D. Yogendran , D. Yuvaraj , J. Jayamuthunagai , R. Praveen Kumar , S. Palani .Analysis of reaction parameters for the transesterification of algal oil from *Enteromorpha compressa* using purified lipase and whole cell biocatalyst. Journal of Chemical and Pharmaceutical Research, 2015, 7(1):395-410.
5. Kowsalya Surendiran P, **Palani Subramani**. Biobleaching of Azo yellow dye and textile effluent by the action of peroxidase extracted from five different vegetables, European Journal of Biotechnology and Bioscience, 2016; 4: 8, Page No. 42-48. **Impact Factor – 4.7**
6. **S. Palani** , K. Devi , S. Raja, S. Nirmal Kumar, K. Sakthivel, P. Vinodh Kumar, B. Senthil Kumar, Evaluation of nephroprotective, diuretic and antioxidant activities of *Salacia oblonga* on acetaminophen induced toxicity in rats, **Natural Product Research** – 25:19 2011 Nov pg 1876-80. **Impact factor -1.009.**

7. R.Naresh, Y.Nazeer, **S.Palani**, Insilco evaluation of modes of action of anticancer compounds on molecular targets for cancer. **Medicinal Chemistry Research**.22, 1938-1947.2012. Impact factor-1.271.