

PUBLICATIONS FOR LAST FIVE YEARS

1. K Thirugnanasambandham, V Sivakumar, "Preparation of Chitosan based Nanofibers: Optimization and Modeling", International Journal of Chemical Reactor Engineering, published by De Gruyter. (2015).
2. Thirugnanasambandham K. and Sivakumar V, "Influence of process conditions on the physicochemical properties of pomegranate juice in spray drying process: Modelling and optimization", Journal of the Saudi Society of Agricultural Sciences, Vol. 16, Issue 4, pp.358-366 (2015).
3. K Thirugnanasambandham, V Sivakumar, B Sruthi, " Recovery of Biogas from Meat Industry Wastewater Using Continuously Stirred Tank Reactor (CSTR): Modeling and Optimization", International Journal of Chemical Reactor Engineering, published by De Gruyter. (2015).
4. R Sridhar, V Sivakumar, K Thirugnanasambandham, "Response surface modeling and optimization of upflow anaerobic sludge blanket reactor process parameters for the treatment of bagasse based pulp and paper industry wastewater", Desalination and Water Treatment, published by Taylor & Francis. (2015).
5. K Thirugnanasambandham, V Sivakumar, "Modeling and optimization of advanced oxidation treatment of beer industry wastewater using Electro-Fenton process", Environmental Progress & Sustainable Energy, published by WILEY. (2015).
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13. K Thirugnanasambandham, V Sivakumar, "Influence of process conditions on the physicochemical properties of pomegranate juice in spray drying process: Modelling and optimization", Journal of the Saudi Society of Agricultural Sciences, published by ELSEVIER.(2015).
14. M Shanmugapriya, V Sivakumar, "Batch and fixed-bed column studies for biosorption of Zn(II) ions onto pongamia oil cake (Pongamia pinnata) from biodiesel oil extraction", Journal of Environmental Management, published by ELSEVIER. Vol. 164, pp. 161-170 (2015).
15. K Thirugnanasambandham, V Sivakumar, "Microwave assisted extraction process of betalain from dragon fruit and its antioxidant activities", Journal of the Saudi Society of Agricultural Sciences, (2015).
16. K Thirugnanasambandham, V Sivakumar, "Investigation on biodiesel production from cotton seed oil using microwave irradiated transesterification process", Environmental Progress & Sustainable Energy, published by Elsevier. (2015).
17. A Sangamithra, V Sivakumar, K Kannan, SG John, "Foam-Mat Drying of Muskmelon", International Journal of Food Engineering, Vol. 11, Issue 1, pp. 127-137 (2015).
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23. K Thirugnanasambandham, V Sivakumar, "An eco-friendly approach for copper (II) ion adsorption onto cotton seed cake and its characterization: Simulation and validation", *Journal of the Taiwan Institute of Chemical Engineers*, published by Elsevier. (2015).
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