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- Balakumara R, Sathya K, Saravanathamizhan R, "Decolourization of Methylene Blue Dye using sonocatalytic followed by Photocatalytic process", Water Conservation Science and engineering, Vol. 1, Issue 3, pp. 161 (2016).
- V. Vijayakumar, R. Saravanathamizhan, N. Balasubramanian, "Electro oxidation of dye effluent in a tubular electrochemical reactor using TiO₂/RuO₂ anode", Journal of Water Process Engineering, Vol. 9, pp. 155-160 (2016).
- K Sathya, R Saravanathamizhan, G Baskar, "Ultrasound assisted phytosynthesis of iron oxide nanoparticle", Ultrasonics Sonochemistry, Vol. 39, pp. 446-451 (2017).
- V Vijayakumar, R Saravanathamizhan, N Balasubramanian, "Modeling Of Tubular Electrochemical Reactor For Dye Removal", Journal of Engineering Science and Technology, Vol. 12, Issue 6, pp. 1506-1513 (2017).
- B. Maheshwari, R.Saravanathamizhan N. Balasubramanian, "Butter Separation from Cream Using Ultrasonication: Optimization Of Parameters Using RSM", Journal of Food Biosciences and Technology, published by Tehran Science and Research Branch, Islamic Azad U. Vol. 8, pp. 1-10 (2018).
- Dhivya Kumar, Chithra Kumaran, R.Saravanathamizhan, "Heavy metal removal using modified Tungsten oxide fly ash", Water Conservation Science and Engineering, published by Springer. Vol. 3, pp. 181-189 (2018).
- J Iyyappan, G Baskar, B Bharathiraja, R Saravanathamizhan, "Malic acid production from biodiesel derived crude glycerol using morphologically controlled *Aspergillus niger* in batch fermentation", Bioresource technology, published by Elsevier. Vol. 269, pp. 393-399 (2018).
- G. Yesaswini, R Saravanathamizhan, "Wastewater Minimization of Starch Industry using Water Pinch Analysis and Comparison with Water Design Software", International Journal of Scientific Research in Science, Engineering and Technology, Vol. 4, pp. 659-663 (2018).
- K Sathya, R Saravanathamizhan, G Baskar, "ANN Modeling for scale up of green synthesis of iron oxide nano particle and its application for decolorization of dye effluent", Desalination Water Treatment, published by DESALINATION PUBL. Vol. 121, pp. 158-165 (2018).
- K.Sathya, R.Saravanathamizhan, G.Baskar, "Green Synthesized Iron and Iron Based Nanoparticle in Environmental and Biomedical Application – A Review", IET Nanobiotechnology, published by IET Digital Library. Vol. 12, pp. 1003-1008 (2018).
- K.Sathya, R.Saravanathamizhan, G.Baskar, " Ultrasonic assisted green synthesis of Fe and Fe/Zn bimetallic nanoparticles for invitro cytotoxicity study against HeLa cancer cell line", Molecular biology reports, published by Springer Netherlands. Vol. 45, pp. 1397-1404 (2018).
- R Aravind Raj, V Manimozhi, R Saravanathamizhan, "Adsorption studies on removal of Congo red dye from aqueous solution using petroleum coke", Petroleum Science and Technology, published by Taylor & Francis. Vol. 37, pp. 913-924 (2019).
- V.S. Harshini Priyaa, R. Saravanathamizhan, N. Balasubramanian, "Preparation of Biomass Based Carbon for Electrochemical Energy Storage Application", Journal of

Electrochemical Science and Technology, published by KOREAN ELECTROCHEMISTRY SOC. Vol. 10, pp. 159-169 (2019).

- P.Thenmozhi. B. Rekha. R.Saravanathamizhan, K.Iyappan, "Thermogravimetric and Kinetic Study of Pyrolysis of Corn Cob", Journal of Renewable Energy and Environment , published by Materials and Energy Research Center (MERC) & Iran. Vol. 6, pp. 35-40 (2019).
- ES Nivetha, R Saravanathamizhan, "Recovery of nickel from spent NiCd batteries by regular and ultrasonic leaching followed by electrodeposition", Journal of Electrochemical Science and Engineering, Vol. 10, pp. 41-47 (2020).
- S Megala, B Rekha, R Saravanathamizhan, "Chemical and non-chemical pre-treatment techniques for bio ethanol production from biomass", International Journal of Energy and Water Resources, published by Springer. Vol. 4, pp. 199-204 (2020).
- R. Aravind Raj, V. Manimozhi, R. Saravanathamizhan, "Activation of petroleum coke using KOH and fixed bed adsorption studies for acid red dye removal from aqueous solution", Petroleum Science and Technology, published by Taylor and Francis . Vol. 38, Issue 6, pp. 609-617 (2020).