

## LIST OF PUBLICATIONS

**Faculty: Dr Karthik Rajendran**

**Department of Environmental Sciences**

### JOURNAL PUBLICATIONS

Ganeshan P, **Rajendran K** (2022) Dynamic simulation and optimization of anaerobic digestion processes using MATLAB. *Bioresour Technol* 351:126970.(IF:9.642) (IF: 11.88)([Link](#))

Gowd, S. C., Kumar, D., Lin, R., & **Rajendran, K.** (2022). Bioresource Technology Reports Nutrient recovery from wastewater in India: A perspective from mass and energy balance for a sustainable circular economy. *Bioresource Technology Reports*, 18(April), 101079. ([Link](#))([Link](#))

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Nalluri Rishi Chaitanya Sri Prasad, Rohith Sai Rayapati, Idupulapati Revanth, Koushik Maddi, Prabakaran Ganeshan, **Karthik Rajendran.** "A System and A Method for Prediction of Bio-oil Production via A Hydrothermal Liquefaction Process" Application No. 202241056535 A, 2022 (Published)([Link](#))

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### **NEWSPAPER ARTICLES**

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