Abhishek Krishnan  
Masters Student in Civil and Environmental Engineering, admitted Autumn 2021

Publications

PUBLICATIONS

- **A critical review on the formation, fate and degradation of the persistent organic pollutant hexachlorocyclohexane in water systems and waste streams** *CHEMOSPHERE*  
  Adithya, S., Jayaraman, R., Krishnan, A., Malolan, R., Gopinath, K., Arun, J., Kim, W., Govarthanan, M.  
  2021; 271: 129866

- **Photocatalytic reforming of aqueous phase obtained from liquefaction of household mixed waste biomass for renewable bio-hydrogen production** *BIORESOURCE TECHNOLOGY*  
  Rajagopal, J., Gopinath, K., Krishnan, A., Madhav, N., Arun, J.  
  2021; 321: 124529

- **Bioenergy perspectives of cattails biomass cultivated from municipal wastewater via hydrothermal liquefaction and hydro-deoxygenation**  
  Arun, J., Gopinath, K., Sivaramakrishnan, R., Madhav, N., Abhishek, K., Ramanan, V., Pugazhendhi, A.  
  ELSEVIER SCI LTD 2021

- **A Review on Recent Trends in Nanomaterials and Nanocomposites for Environmental Applications** *CURRENT ANALYTICAL CHEMISTRY*  
  Gopinath, K., Rajagopal, M., Krishnan, A., Sreerama, S.  
  2021; 17 (2): 202-243

- **A critical review on the influence of energy, environmental and economic factors on various processes used to handle and recycle plastic wastes: Development of a comprehensive index** *JOURNAL OF CLEANER PRODUCTION*  
  Gopinath, K., Nagarajan, V., Krishnan, A., Malolan, R.  
  2020; 274

- **Present applications of titanium dioxide for the photocatalytic removal of pollutants from water: A review** *JOURNAL OF ENVIRONMENTAL MANAGEMENT*  
  Gopinath, K., Madhav, N., Krishnan, A., Malolan, R., Rangarajan, G.  
  2020; 270: 110906

- **Ionic liquids, deep eutectic solvents and liquid polymers as green solvents in carbon capture technologies: a review** *ENVIRONMENTAL CHEMISTRY LETTERS*  
  Krishnan, A., Gopinath, K., Vo, D. N., Malolan, R., Nagarajan, V., Arun, J.  
  2020; 18 (6): 2031-2054