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10 List of Publications

1. **A. Chaturvedi**, B.N. Rai, R.S. Singh, R.P. Jaiswal, *A comprehensive review on the integration of advanced oxidation processes with biodegradation for the treatment of textile wastewater containing azo dyes*, *Reviews in Chemical Engineering* (Publ. Online Print. (2021a)). **[Impact Factor: 8.794]**
2. **A. Chaturvedi**, B.N. Rai, R.S. Singh, R.P. Jaiswal, *A computational approach to incorporate metabolite inhibition in the growth kinetics of indigenous bacterial strain *Bacillus subtilis* MN372379 in the treatment of wastewater containing Congo red dye*, *Applied Biochemistry and Biotechnology* 193, 2128-2144 (2021b). **[Impact Factor: 3.094]**
3. **A. Chaturvedi**, B.N. Rai, R.S. Singh, R.P. Jaiswal, *Comparative toxicity assessment using plant and luminescent bacterial assays after anaerobic treatments of dyeing wastewater in a recirculating fixed bed bioreactor*, *Journal of Environmental Chemical Engineering* 9, 105466 (2021c) **[Impact Factor: 7.968]**
4. **A. Chaturvedi**, R.P. Jaiswal, *Optimization for minimizing the cost of ozonation of highly concentrated textile dyeing wastewater in a bubble column reactor*, *Environmental Science and Pollution Research* (**Accepted**) **[Impact Factor: 5.190]**