

عنوان مقاله:

Biosorption Study of 4-nitrophenol onto pineapple peel

محل انتشار:

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خلاصه مقاله:

The aim of this study is to investigate the utilization of pineapple peel as a biosorbent for the removal of 4-Nitrophenol from water. The effect of main parameters such as initial 4- Nitrophenol concentrations, pH, dosage of pineapple peel, temperature and contact time were carried out on biosorption of 4-nitrophenol. Results showed biosorption reached equilibrium within 30 min. As results, the amount of 4- Nitrophenol biosorption increased by increasing of pineapple peel dosage and pH.

کلمات کلیدی:

Biosorption, 4- Nitrophenol, pineapple peel, Removal

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