

# Iflah Shahid

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## Removal of Perfluoroalkyl Substances from Water

Perfluoroalkyl substances are a class of persistent organic pollutants whose presence in water is a cause for growing concern. Currently, the properties of these compounds in water are not fully understood, and thus specialized removal methods are also lacking. This research project aims to narrow this gap in knowledge by investigating the properties of these pollutants in water, and to create a nanocellulose-based removal system for the removal of these pollutants from water.