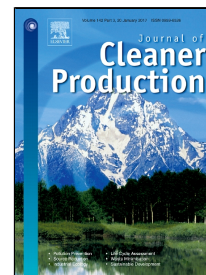


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Membrane fouling in whey processing and subsequent cleaning with ultrasounds for a more sustainable process



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- Calcium enhances membrane fouling for both membranes.
- UH030 membrane was more prone to fouling than UP005.
- Cleaning efficiency was calculated for each membrane and fouling solution.
- The effect of US on the cleaning efficiency of UF membranes was studied.
- The analysis of US application cost showed that the extra cost of US is very low.

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