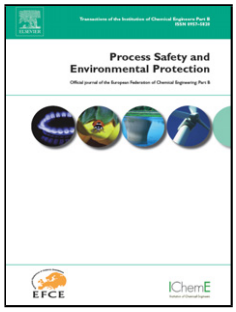

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Understanding the risk of scaling and fouling in hollow fiber forward osmosis membrane application

Highlights:

- Driving force in FO does not remain constant unlike in pressured membrane processes.
- UF/RO fouling assessment method may not be suitable for FO.
- An alternate fouling evaluation process is suggested for FO membrane application.
- In active layer–draw solution, rapid flux decline is not linked to FO fouling.
- The crossflow rate plays an important role for varying fouling effects for FO.