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Membrane fouling control and enhanced removal of pharmaceuticals and personal care products by coagulation-MBR

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MBR with coagulation

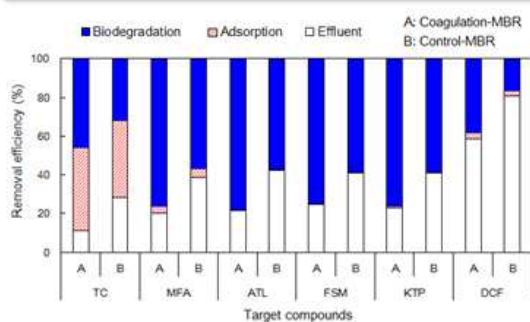
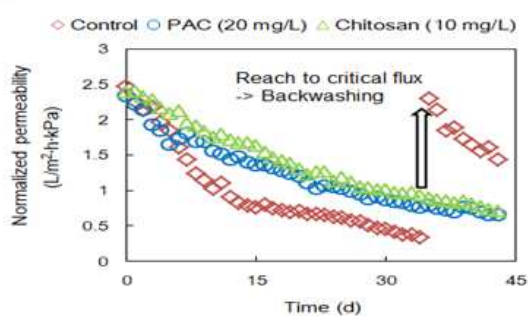


☐ Membrane fouling control

- SMP concentration ↓
- Irreversible fouling ↓
- Permeability ↑

☐ PPCP removal

- PACI > chitosan
- Effective in coagulation-MBR
- Enhanced biodegradability



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