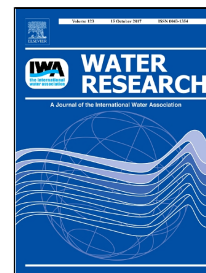


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Impact of ozonation and biological activated carbon filtration on ceramic membrane fouling

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**Impact of ozonation and biological activated carbon filtration on ceramic membrane fouling****Highlights**

1. BAC improved the permeability of the CMF by removing a large proportion of biopolymer
2. O<sub>3</sub> improved permeability and permeate quality of CMF to a greater extent than BAC
3. O<sub>3</sub> removed biopolymers (100%) and HS (84%) to obtain greater permeability of CMF
4. Inclusion of BAC between O<sub>3</sub> treatment and ceramic filtration was detrimental

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