

MaMaSELF



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Ionosilica nanofibrous membranes for anion exchange

Abstract on the « ionosilica nanofibrous membranes for anion exchange/decontamination of water » presentation

This presentation will present the advancement on the synthesis and the properties of these ionosilica membranes.

It will first be focused on the synthesis of the ionic liquid precursors and their physico-chemical interest that will be later used in solutions for electrospinning.

Then, we will have an overview of the electrospinning technique and the work we have made with the ionic liquid solutions in order to obtain homogeneous mats of fibers.

Depending on the results obtained in the ongoing work, electronic and/or sorption properties of the membranes will also be presented.

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