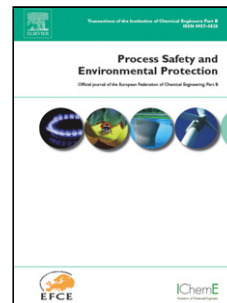


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Title: Remediation of metal contamination by electrokinetics coupled with electrospun polyacrylonitrile nanofiber membrane

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Highlights

- PAN nanofiber membrane was firstly used to remove metal ions from contaminated soils.
- EK/PAN nanofiber PRB system enhanced the remediation efficiency of metal ions.
- Removal efficiency of the system decreased when applied voltage and pH was increased.
- PAN nanofiber PRB played a major role of adsorption and complexation on metal ions.

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