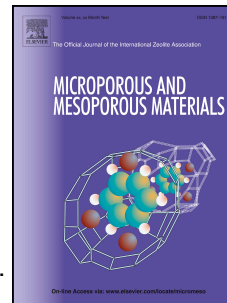


Accepted Manuscript

Cellulose acetate assisted synthesis of worm-shaped mesopores of MgP ion-exchanger for cesium ions removal from sea water

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PII: S1387-1811(18)30079-9

DOI: [10.1016/j.micromeso.2018.02.014](https://doi.org/10.1016/j.micromeso.2018.02.014)

Reference: MICMAT 8777

To appear in: *Microporous and Mesoporous Materials*

Received Date: 6 December 2017

Revised Date: 17 January 2018

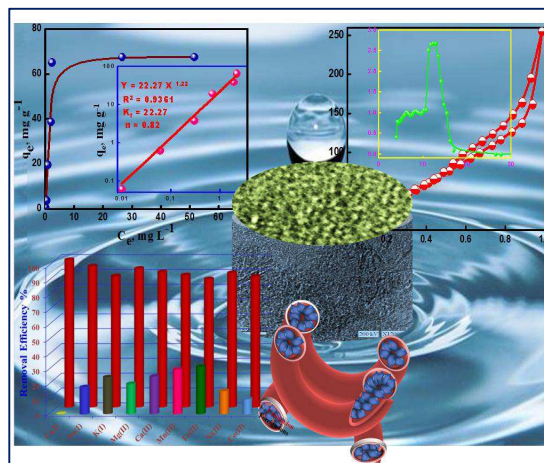
Accepted Date: 12 February 2018

Please cite this article as: A.F. Tag El-Din, M.E. El-Khouly, E.A. Elshehy, A.A. Atia, W.A. El-Said, Cellulose acetate assisted synthesis of worm-shaped mesopores of MgP ion-exchanger for cesium ions removal from sea water, *Microporous and Mesoporous Materials* (2018), doi: 10.1016/j.micromeso.2018.02.014.

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Graphical Abstract

Mesoporous MgP ion-exchanger has designed as efficient meso-sorbent based on the cellulose acetate as sacrificed template for selective cesium recovery from seawater samples. The meso-sorbent showed evidence of highly selective, and sensitive capture of Cs(I) down to sub-nanomolar concentrations.



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