

RETRACTION

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Retraction: Extraction of metal ions from water using a novel liquid membrane containing ZIF-8 nanoparticles, an ionic liquid, and benzo-18-crown-6

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Retraction of 'Extraction of metal ions from water using a novel liquid membrane containing ZIF-8 nanoparticles, an ionic liquid, and benzo-18-crown-6' by Arash Adhami *et al.*, *Environ. Sci.: Water Res. Technol.*, 2025, <https://doi.org/10.1039/d4ew00694a>.

The Royal Society of Chemistry hereby wholly retracts this *Environmental Science: Water Research & Technology* article due to concerns with the reliability of the data.

The authors initially alerted us to potential calibration errors with the ICP/MS experiments that critically undermine the validity of the study's findings but then asserted that this error occurred after the experiments reported in this article were conducted. They have been unable to provide the raw data associated with their ICP analyses and have stated that these analyses were conducted by an external company.

An independent expert has evaluated the article and found inconsistencies in the FTIR spectra presented in Fig. 3 and 5.

Given the significance of these concerns, the Editor has lost confidence that the findings presented in this paper are reliable. The authors were informed about the retraction of the article, but have not responded.

Signed: Kathryn Gempf, Executive Editor, *Environmental Science: Water Research & Technology*

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