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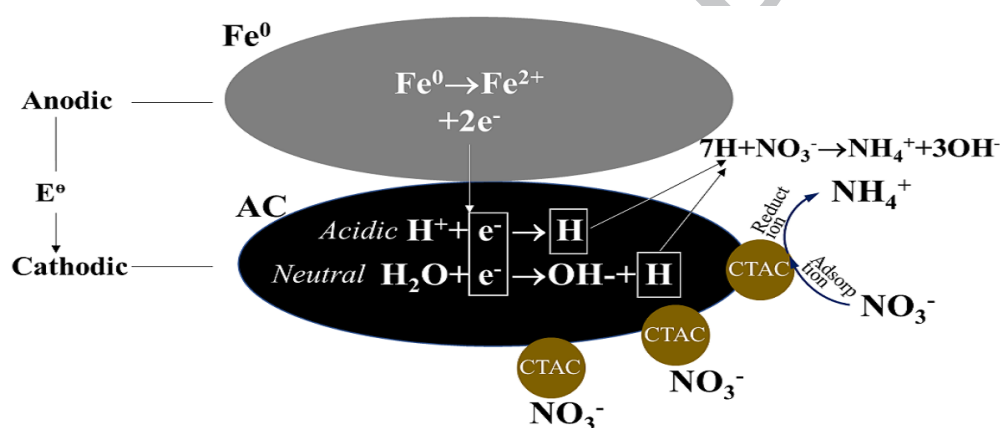


Enhanced nitrate removal by micro-electrolysis using Fe⁰ and Surfactant modified activated carbon

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Graphic Abstract



Highlights:

- Promoting the adsorption capacity to nitrate by using surfactant modified ACs.
- Using surfactant modified AC to promote nitrate removal in Fe⁰/AC micro-electrolysis.
- Adsorption/reduction kinetic model was established to reveal the mechanism.

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