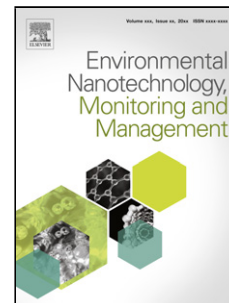


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Adsorptive removal of carbamazepine using biosynthesized hematite nanoparticles

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HIGHLIGHTS

- Biosynthesised hematite nanoparticles are effecient carbamazepine adsorbents
- Results best fitted to Freundlich model, suggesting the multilayer adsorption of CBZ
- Adsorption efficiency increased with time and attained equilibrium within 2.5 h

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