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**Adsorption Kinetics of Polybenzoxazine based Porous**

**Carbon for Metal Ion Removal**

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The adsorption kinetics of Ca2+ and Mg2+ ions on strong-acid cation resin (Dowex50-X8) in a packed-bed column were studied at room temperature. Prior to the column studies, the adsorption of the metal ions from single-ion and mixed-ion solutions was carried out in a batch operation in order to develop a correlation between equilibrium adsorption capacity (qe) and equilibrium metal concentration (ce).

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