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Fabrication of N, P - codoped reduced graphene oxide and its application for organic dye removal

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Highlights

- N, P - codoped reduced graphene oxide (PA-RGO) was synthesized via one-pot solution method.
- PA-RGO showed good reusability.
- PA-RGO could selectively adsorb cationic dye.

Abstract

N, P-codoped reduced graphene oxide (PA-RGO) was synthesized from graphene oxide (GO) and phytic acid (PA) mixture with the reductant of hydrazine hydrate

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