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Hexagonal-shaped aminosilane magnetite nanoparticles: preparation, characterization and hybrid film deposition

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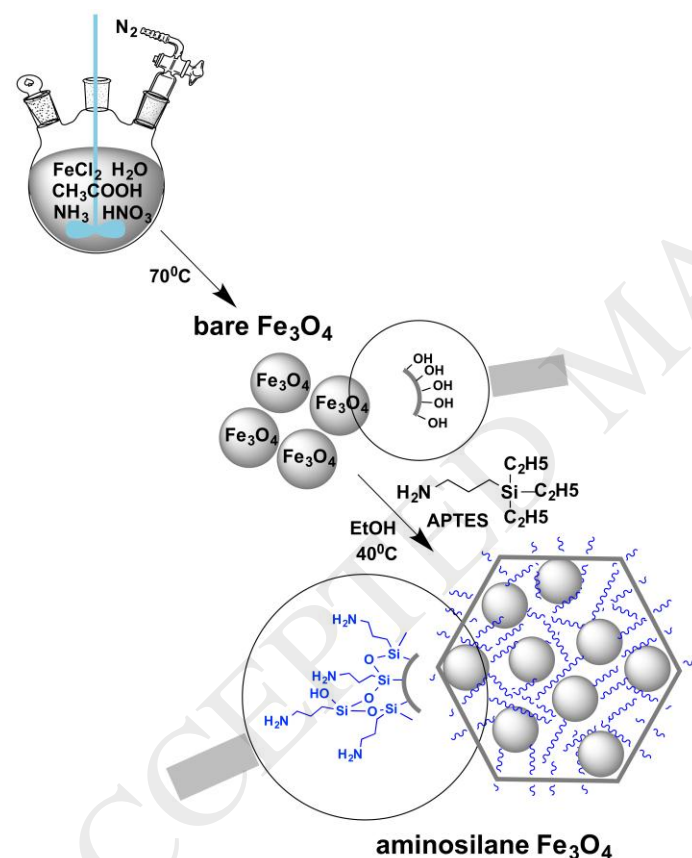
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Graphical abstract



Abstract

Hexagonal amino-functionalized magnetite nanoparticles were successfully produced by two-step method: initially, bare Fe_3O_4 nanoparticles were obtained by partial oxidation of ferrous

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