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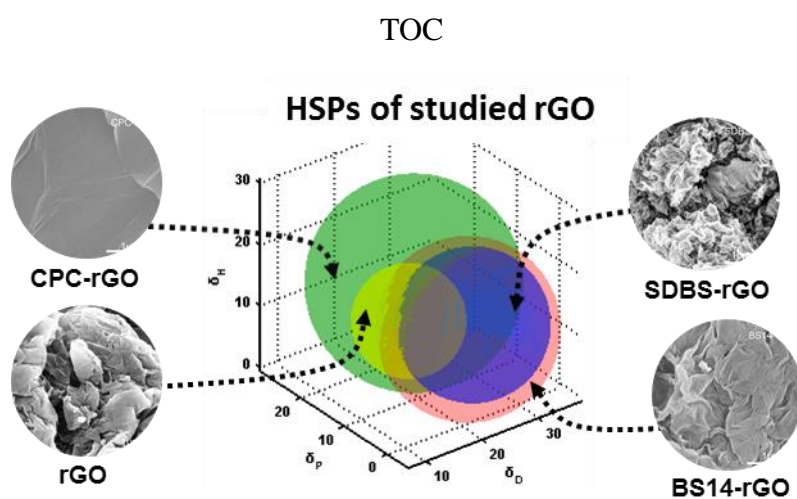
Solubility Study on the Surfactants Functionalized Reduced Graphene Oxide

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Graphical Abstract



Abstract

In this work, different surface functionalized reduced graphene oxide (rGO) were prepared through chemical reduction of graphene oxide (GO) in presence of surfactant. Three typical surfactants: sodium dodecyl benzene sulfonate (SDBS), which is an anionic surfactant; tetradecyl dimethyl betaine (BS14), which is a zwitter ionic surfactant and cetylpyridinium chloride (CPC), which is a cation surfactant were

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