

Characteristics of Ultrasonication Assisted Assembly of Gold Nanoparticles in Hydrazine Reduced Graphene Oxide

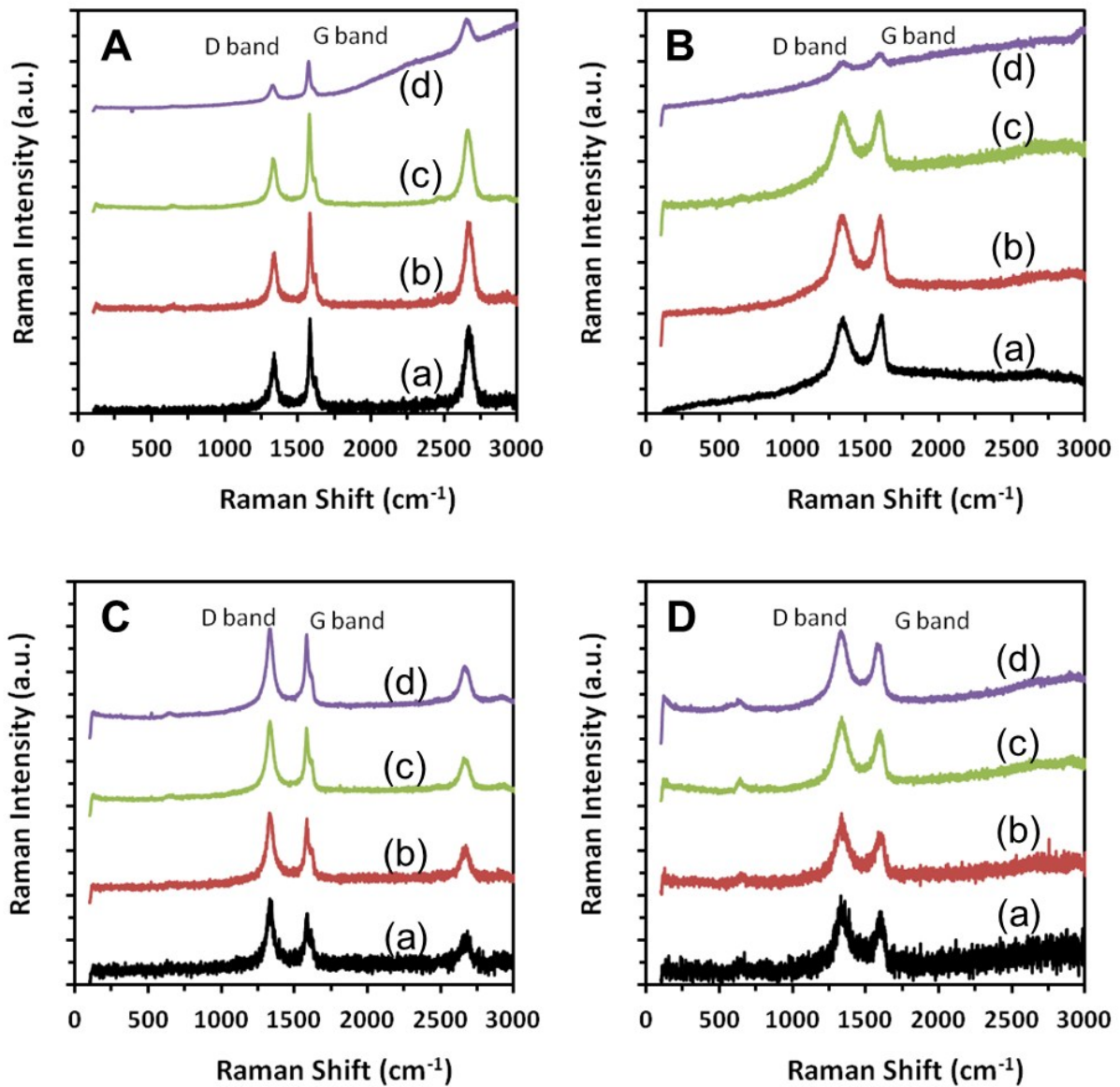
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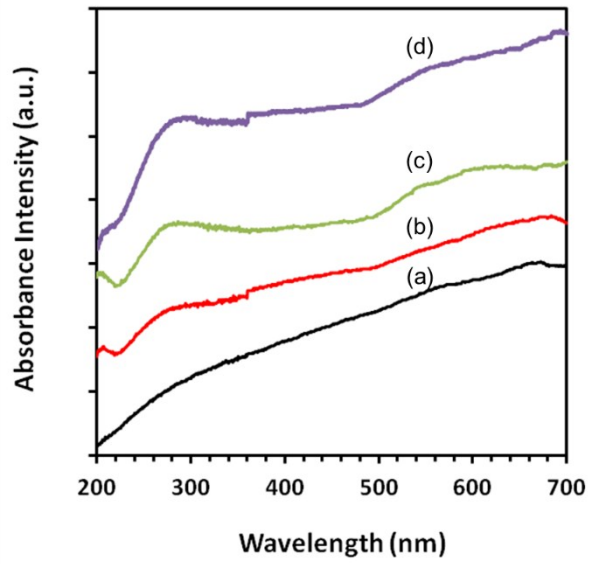
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SFig.1: Raman spectra of (A) graphite, (B) GO, (C) hrGO and (D) hrGO-AuNP at different percentage of 633 nm laser powers (a) 5 %, (b) 10%, (c) 50% and (d) 100 %.

SFig.2: UV-Spectra of hrGO-AuNP (a) without sonication, (b) 10 min of sonication, (c) 20 min of sonication and (d) 30 min of sonication.



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