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Curcumin as a green fluorescent label to revive the fluorescence property of functionalized graphene oxide nanosheets

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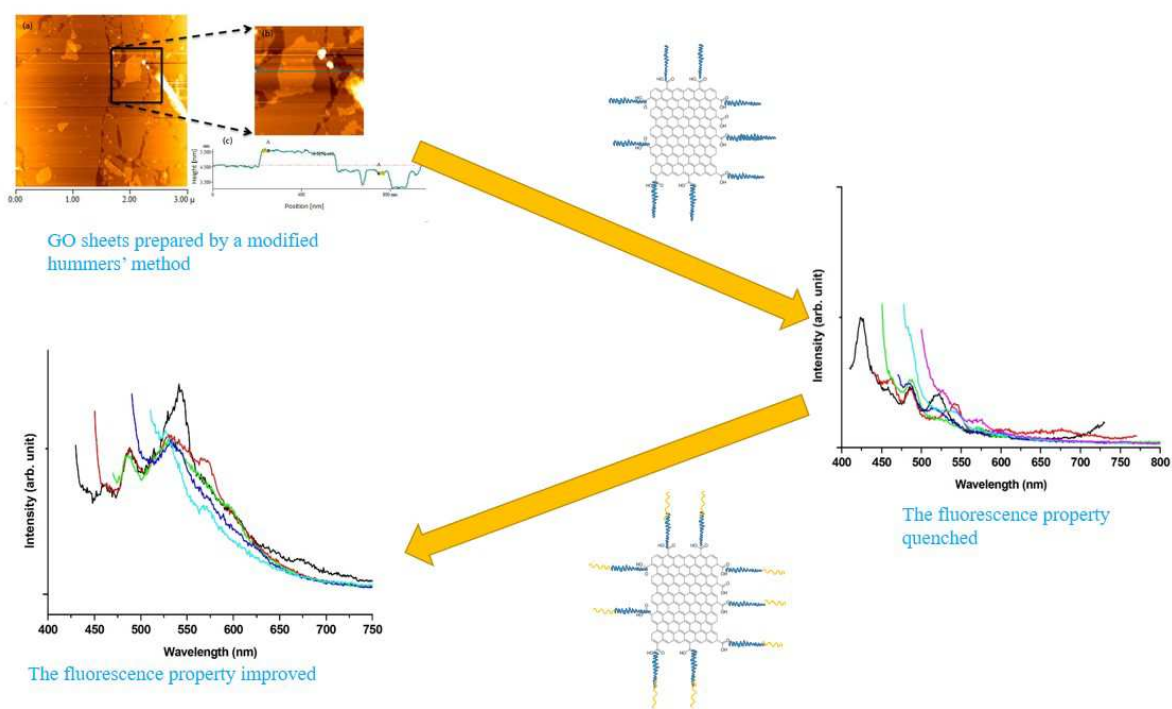
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Graphical Abstract:

GO sheets prepared by a modified hummers' method, after functionalization of GO sheets by 3-(2-Aminoethylamino)propyltrimethoxysilane molecules, the fluorescence property of the GO sheets significantly quenched. Finally, by adding Curcumin as a fluorescent label to the functionalized-GO, the fluorescence property of the functionalized-GO improved.



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