

Fig 1. A photo of an aqueous suspension of hydrazine-reduced K⁺ ion-modified graphene oxide (hKMG) platelets.



Fig 2. An atomic force microscopy (AFM) image of dried-down deposits from an aqueous suspension, deposited onto a mica substrate, showing exfoliation of individual hKMG platelets.

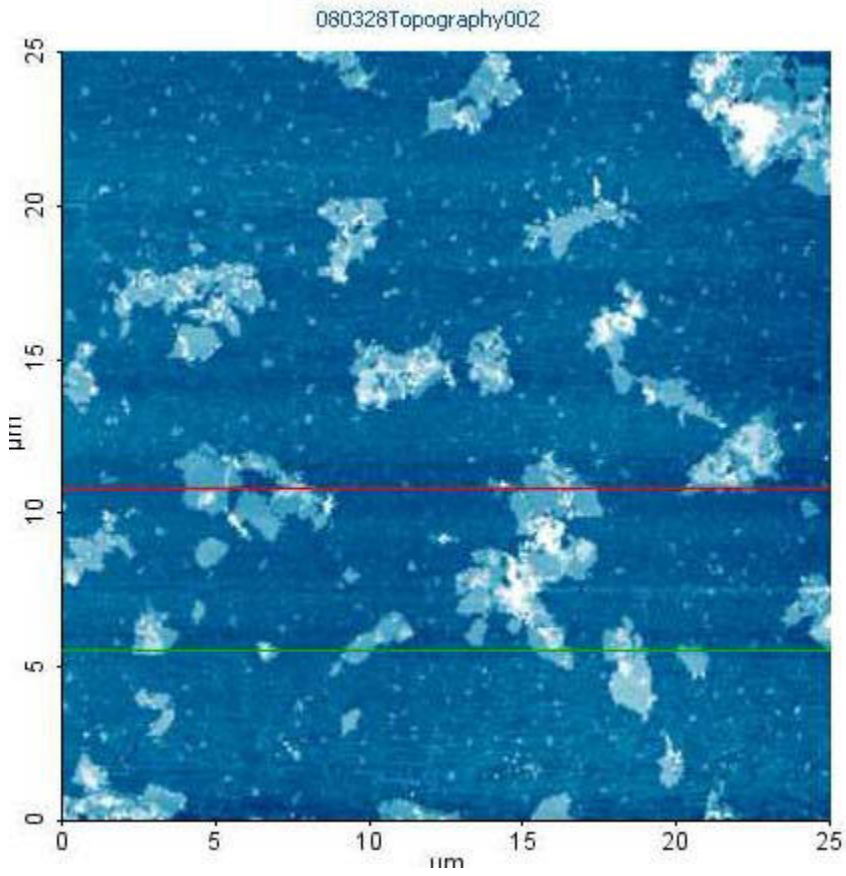
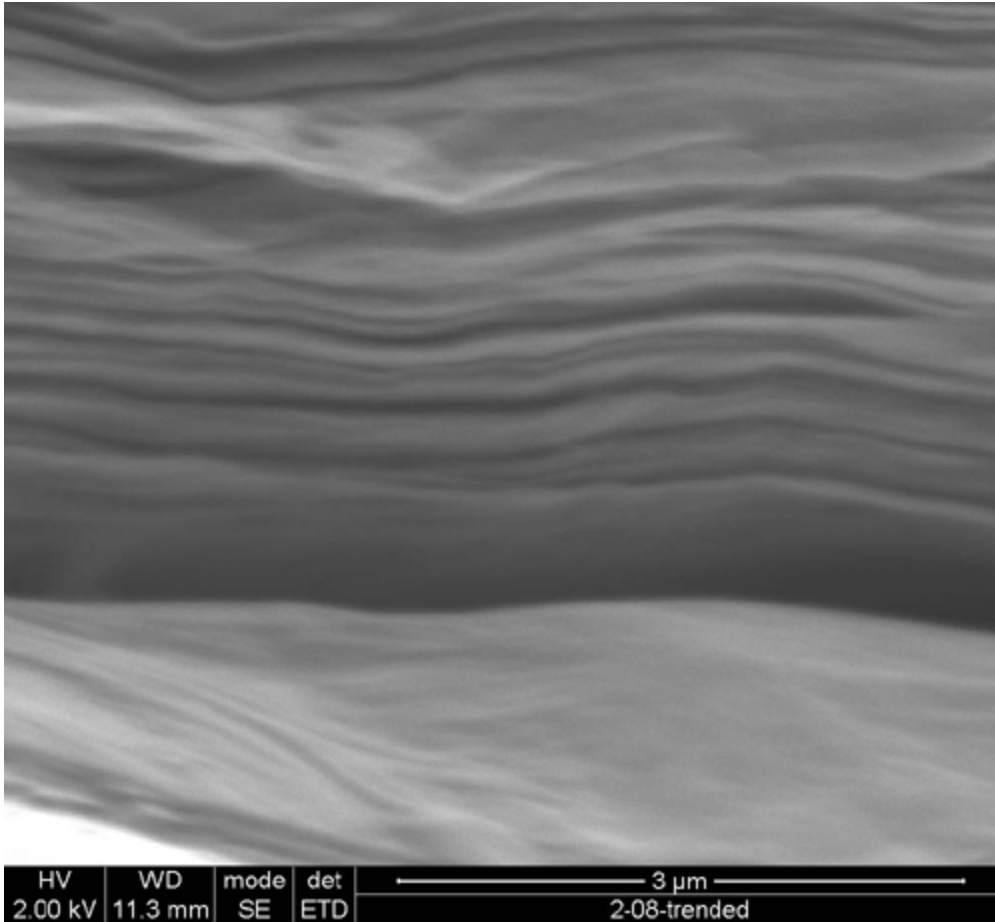


Fig 3. Scanning electron microscopy (SEM) image of a cross-section of hKMG 'paper-like' material (prepared by filtration of the aqueous suspension using a membrane filter and then drying) made by fracturing a sample, showing the layered structure of the hKMG platelets.



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