

Continuous mechanical exfoliation of graphene sheets via three-roll mill

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Electronic supporting information:

Poly Vinyl Chloride (PVC, 2.0g) and Dioctyl phthalate (DOP, 50ml) were used to prepare an adhesive. Then added the adhesive to the feed and centre rolls of the three-roll mill. After that, the prepared natural graphite were spreading on to the rolls. The living video of the exfoliation process is presented here.



Fig. S1 Mechanical exfoliation of graphene using scotch tape from HOPG.

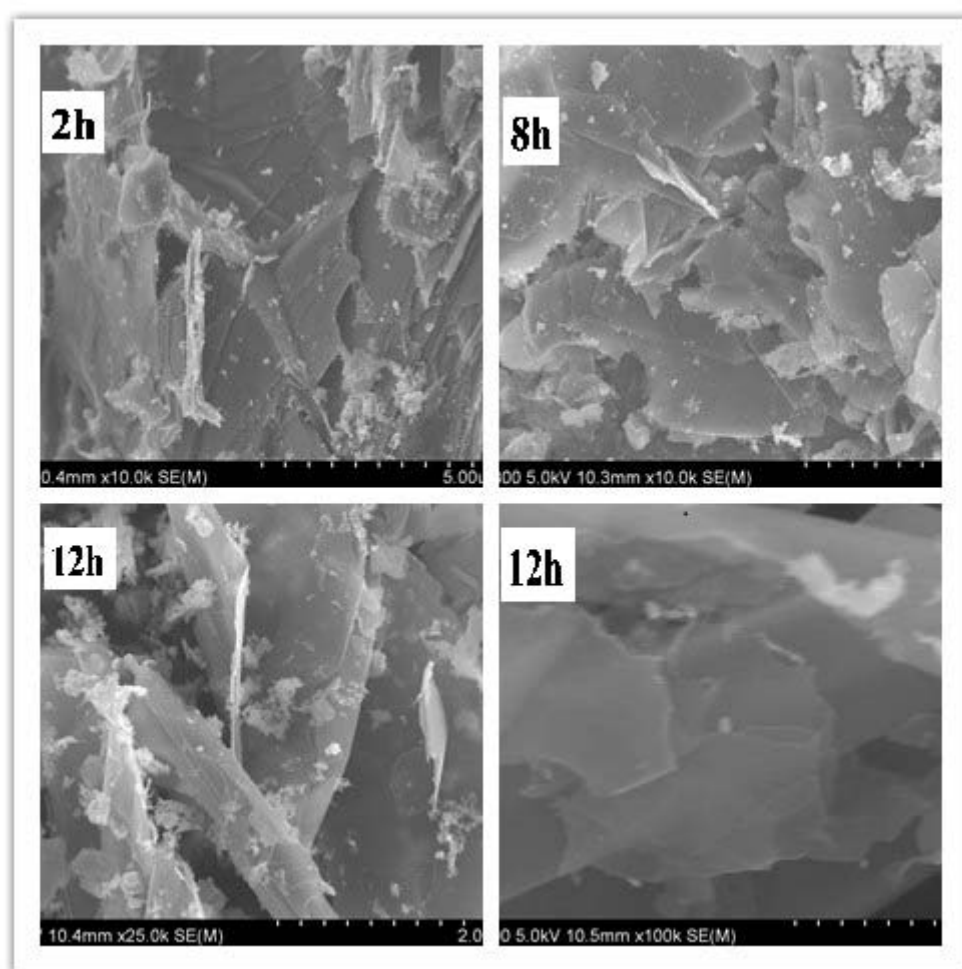
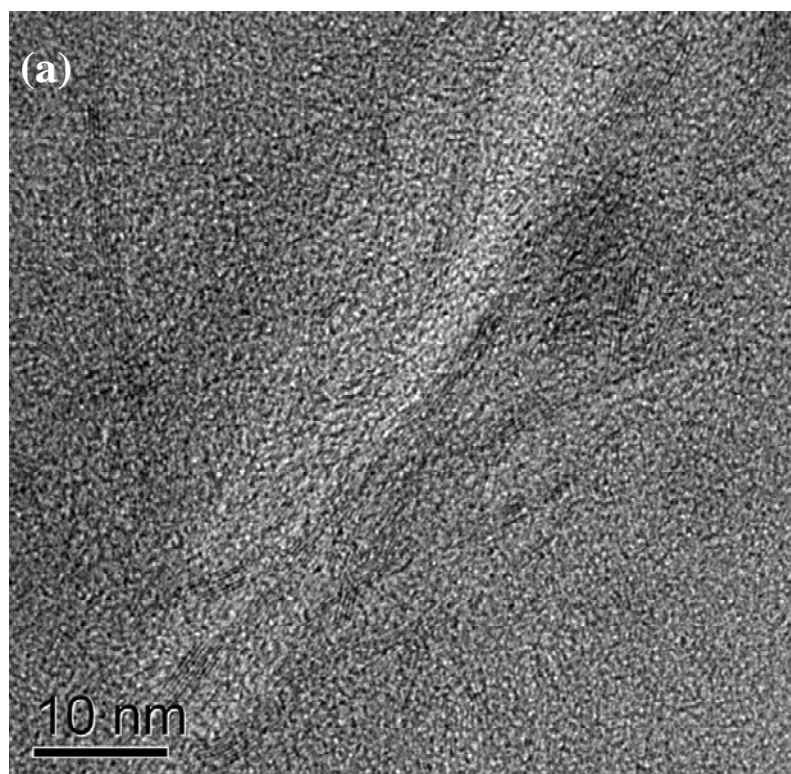


Fig. S2 The SEM of the graphene product by the different milling time.



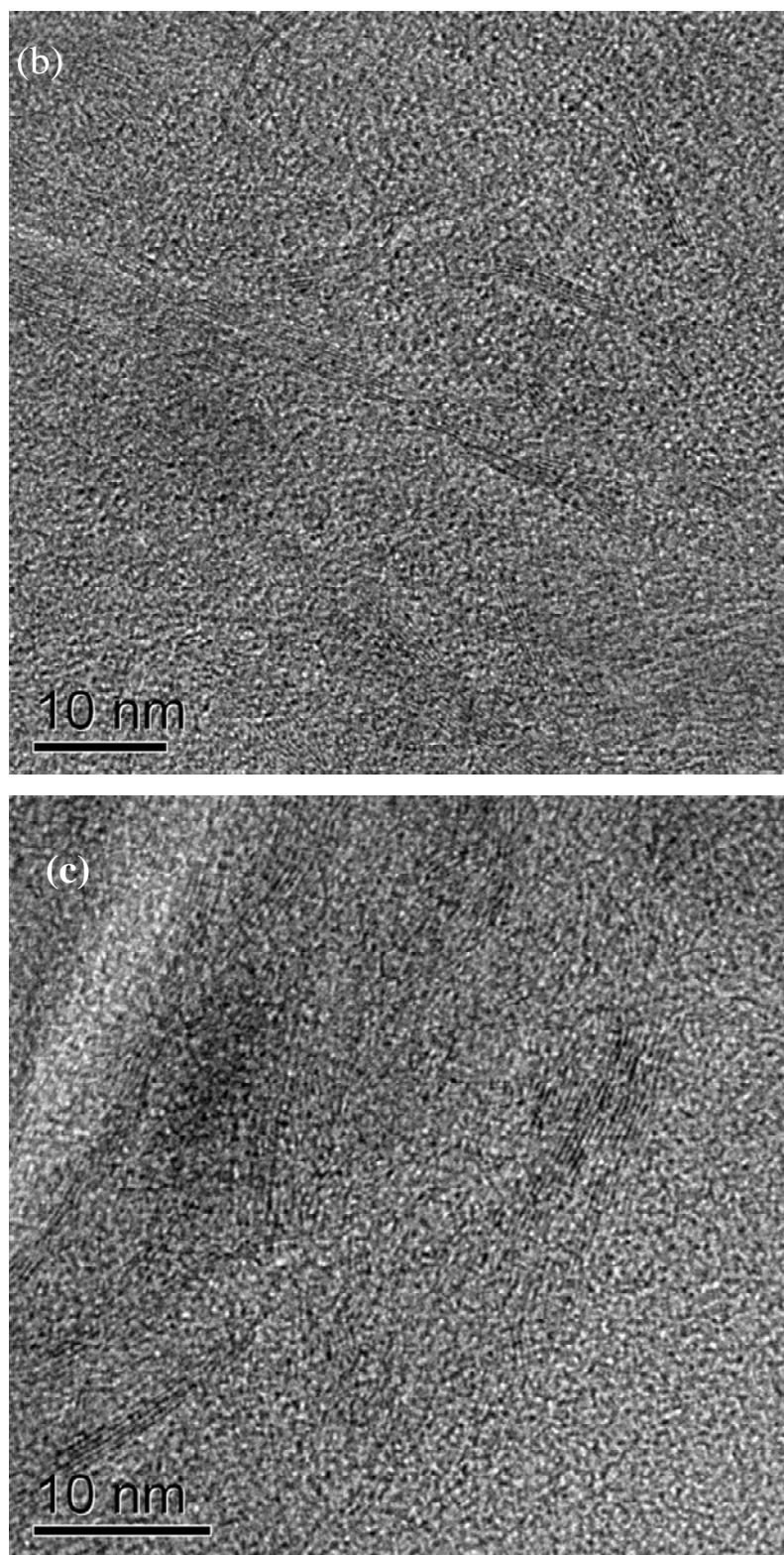


Fig. S3 Representative HRTEM images of graphene flakes to estimate the ratio of the single-layer flakes.