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Supporting Information

Preparation of graphene via wet ball milling and in situ reversible modification with Diels-Alder reaction

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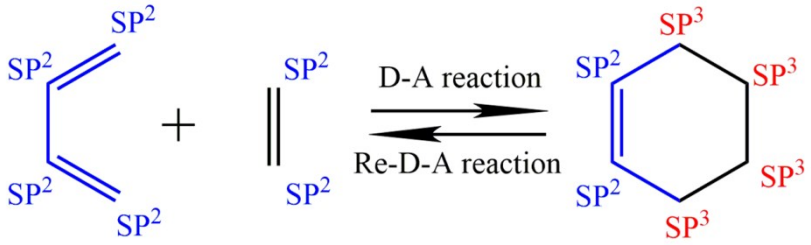
Fig. S1: The variation of C atomic hybridized orbital in D-A reaction and reverse D-A reaction.

Fig. S2: AFM image of G-MA (left) and analysis of each graphene sheets a-d (right)

Fig. S3: The images of G-MA contact angle (a), G-NMP (b), and graphite (c).



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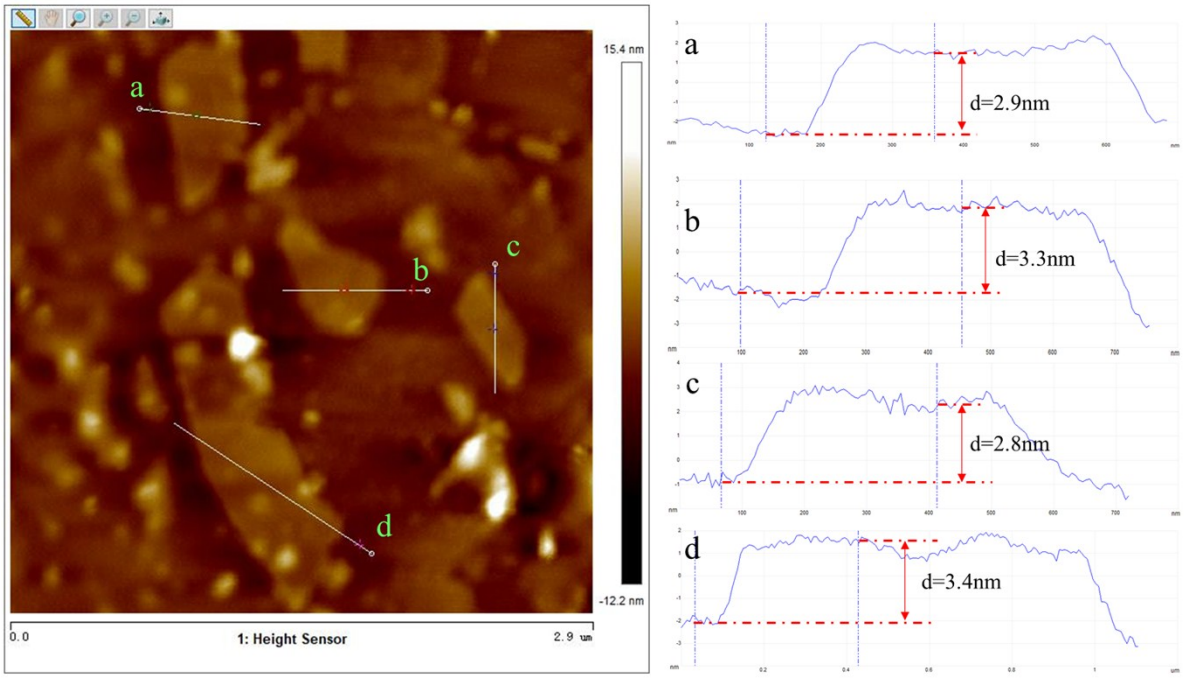

Fig. S2: AFM image of G-MA (left) and analysis of each graphene sheets a-d (right).

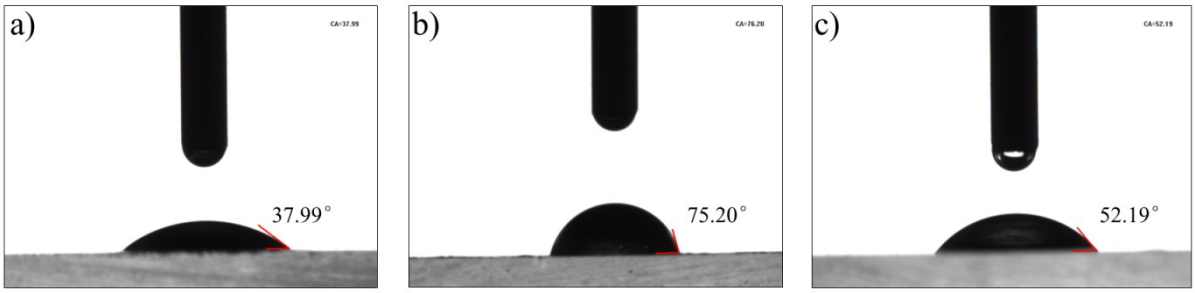

Fig. S3: The images of G-MA contact angle (a), G-NMP (b), and reG-MA(c).