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Supporting Information

Bio-Inspired Nacre-like Layered Hybrid Structure of Calcium Carbonate under the Control of Carboxyl Graphene

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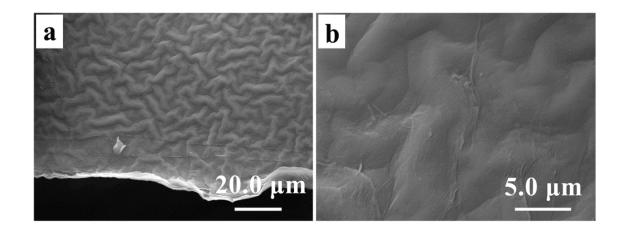


Fig. S1 SEM images of 0.5mg/mL GO-COOH aqueous solution after dried at 40 $^{\circ}$ C in a vacuum for 24 h, b) high magnification SEM images of a). It reveals a wrinkle structure.

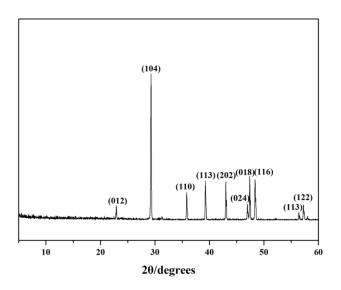


Fig. S2 Typical XRD diffraction patterns of pure CaCO₃ crystals in aqueous solution after 24 h of reaction.

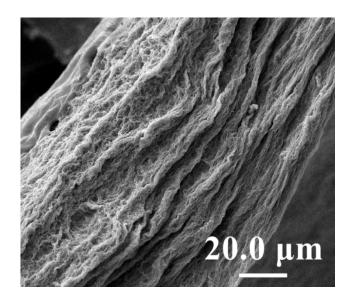


Fig. S3 SEM image of the cross section of GO-COOH/CaCl₂ hybrids. It reveals a loose layered structure.