ARTICLE

Supporting Information

For

Identification of Graphene Oxide and its Structure Features in Solvent Enabled by Optical Microscopy

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Addition Figures

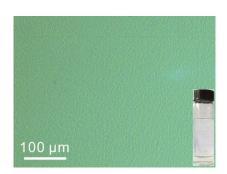


Fig. S1 OM image of pure water solution. Inset: Photograph of pure water solution.

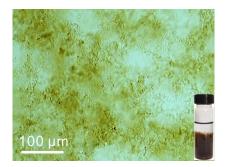


Fig. S2 OM image of GO solution with the concentration of $0.1 \text{ mg} \cdot \text{mL}^{-1}$ at pH of 12.66. Inset: Photograph of GO solution standing 24 h.

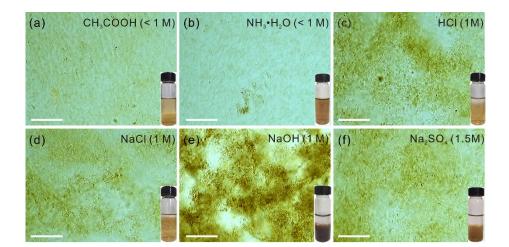


Fig. S3 OM images of different ionic strength of GO solution, Insets: Photographs of GO dispersed in different ionic strength solutions standing 12 h. Scale bars: 100 μm.

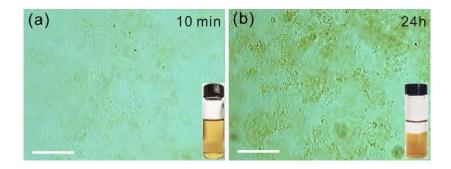


Fig. S4 (a) (b) OM images of GO suspensions of 0.1 mg mL⁻¹ at pH of 0.94. Insets: Photographs GO suspension in water of different standing times. Scale bars: $100 \mu m$.

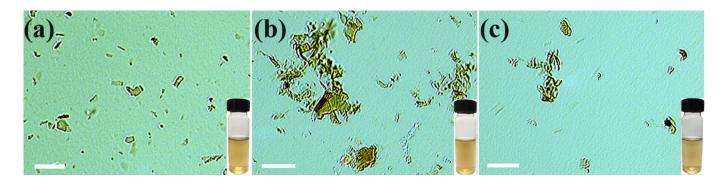


Fig.S5 OM images of different solvents of GO solution. The GO solutions of 0.1 mg mL⁻¹. (a) DMF, (b) ethyl alcohol, (c) ethyl acetate. Scale bars: 100 μm.

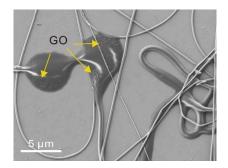


Fig. S6 SEM image of the 0.16-GO/PVA (0.16 mg mL⁻¹) fibers.