Supplementary

Graphene/cellulose nanocrystals hybrid aerogel with tunable mechanical strength and hydrophilicity fabricated by ambient pressure drying technique

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Fig. S1- AFM image of the prepared CNC nano-rods spinning coated on mica plate and the height profiles of the selected CNC rod. Inset is the picture of well dispersed CNC suspension.
Fig. S2- TEM images of a cellular wall of the GCHA-50 (left) and its enlargement (right).
Fig. S3 TEM image of GCHA-20.
Fig. S4- Schematic diagram for illustrating the acquisition of Liquid-A and Liquid-B from inside and outside of GCHA gel.
Fig. S5- AFM topographic images of Liquid-B (obtained from PrGO hydrogel containing 20 wt% CNC) on mica.
**Fig. S6** - Compression and recovery picture of GCHA-20. The weight is 200g.
Fig. S7- Water contact angle measurements of GA and GCHAs.