

Enhanced Transparent Conducting Networks on Plastic Substrates Modified with Highly Oxidized Graphene Oxide Nanosheets

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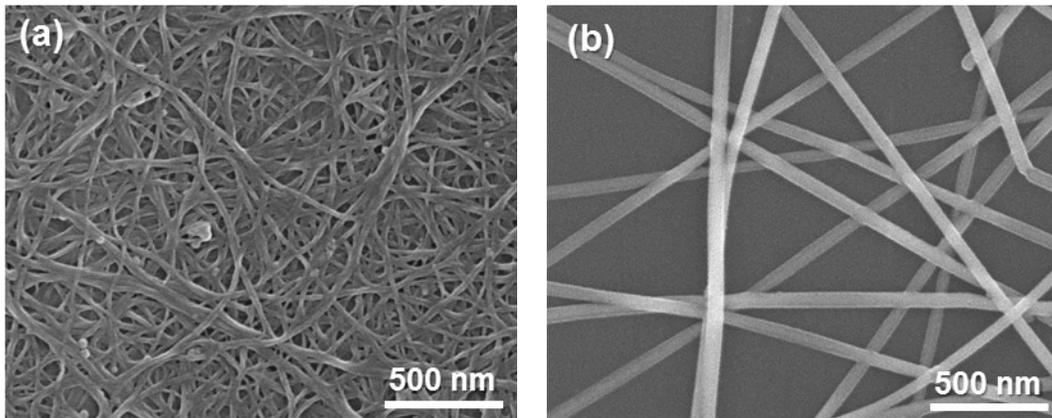


Figure S1. FESEM images of (a) the SWCNT and (b) the AgNW networks.

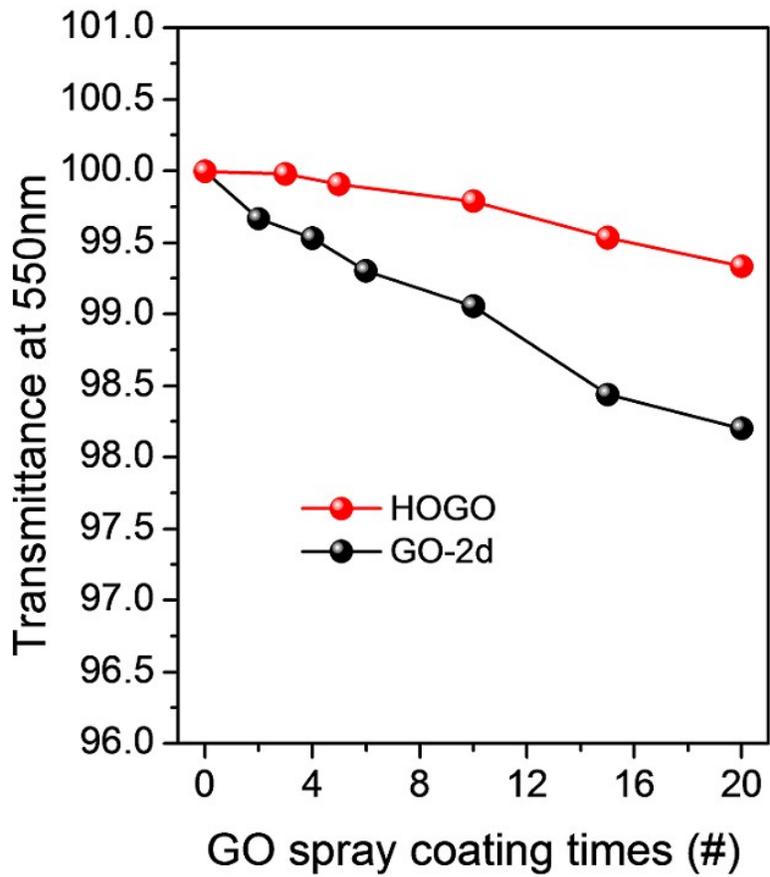


Figure S2. Transmittance changes of PC substrates coated with HOGO and GO-2d by increasing the number of spray coating times.

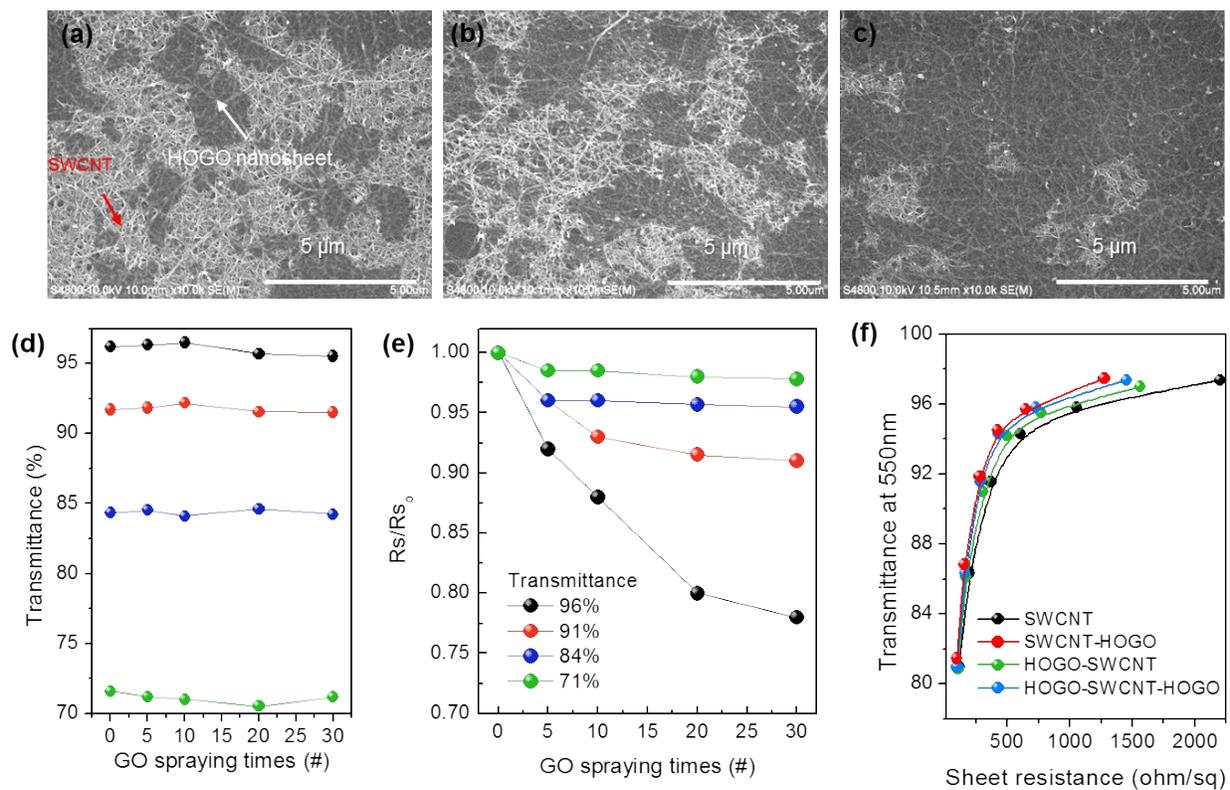


Figure S3. (a) - (c) FESEM images of GO-coated SWCNT films after spraying the HOGO solution (a) 5, (b) 10m, (c) 20 times. (d) Transmittance and (e) R_s changes of the SWCNTs films after spraying the HOGO solution. (f) T vs R_s change plots of pristine SWCNT films on UVO-treated PC (SWCNT) and SWCNT films on HOGO-PC (SWCNT-HOGO), HOGO-coated SWCNT films on bare PC (HOGO-SWCNT), and HOGO-coated SWCNT films on HOGO-PC (HOGO-SWCNT-HOGO).

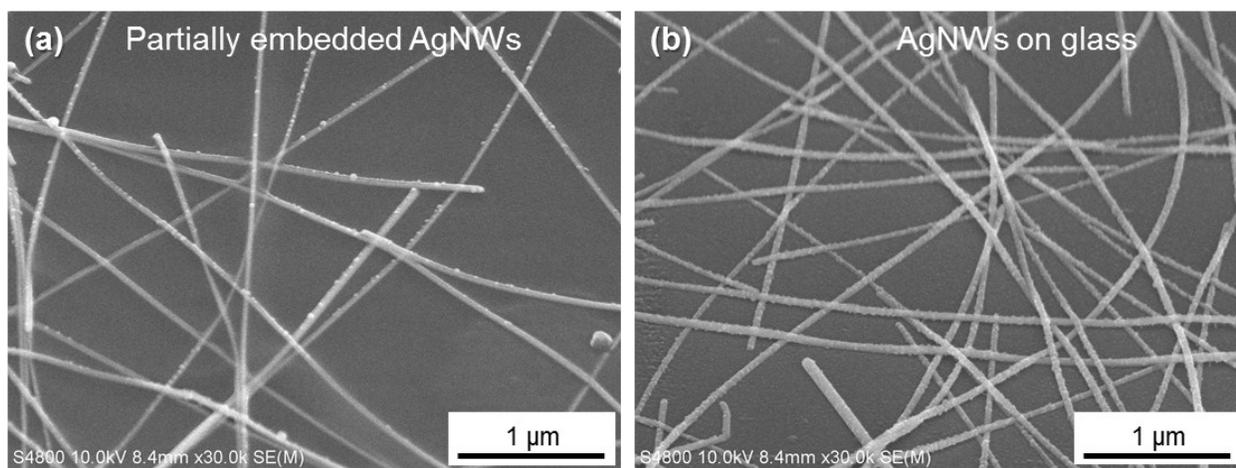


Figure S4. FESEM images of AgNW networks (a) partially embedded on the PC substrate and (b) on glass.