

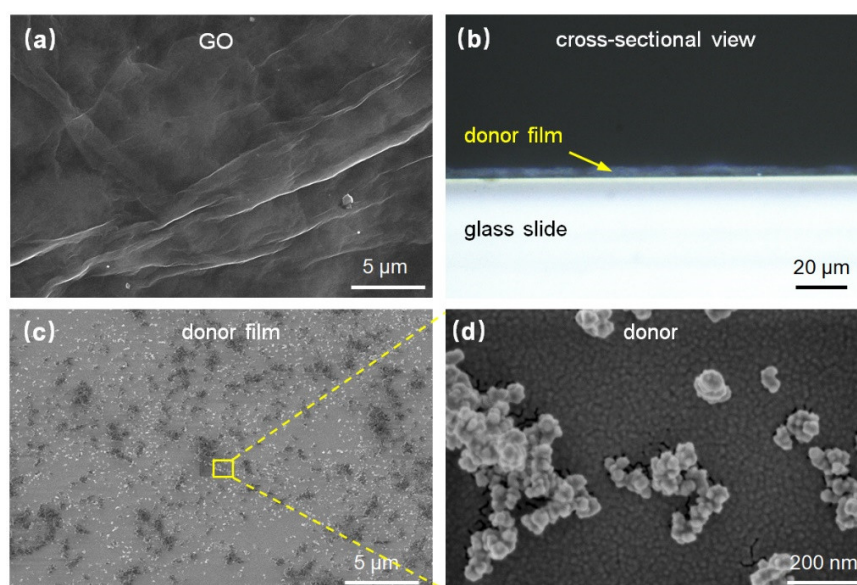


Supporting Information

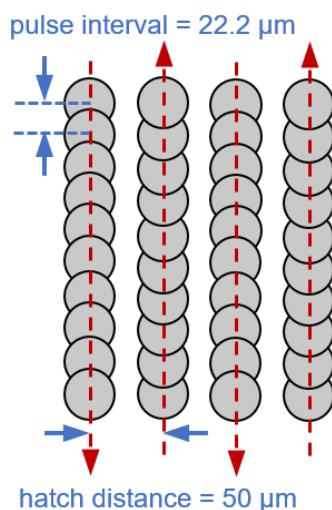
# Laser-Induced Forward Transferred Optical Scattering Nanosilica for Transparent Displays

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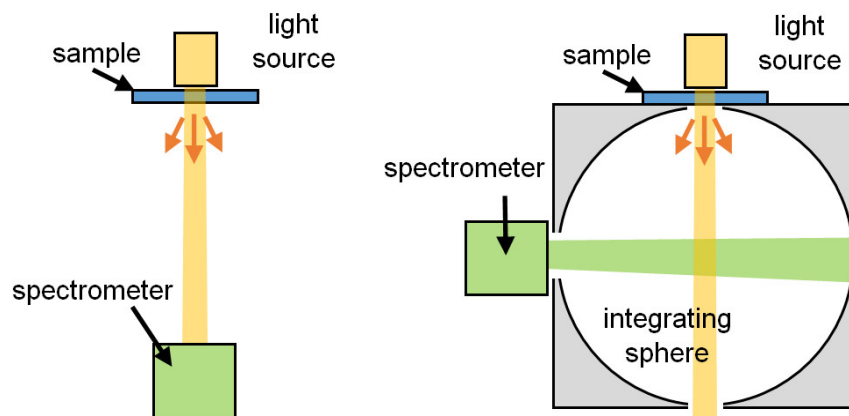


**Figure S1.** SEM image of (a) graphene oxide. (b) Cross-sectional microscope image of the donor film. (c) SEM image of the donor film, and (d) an enlarged view.

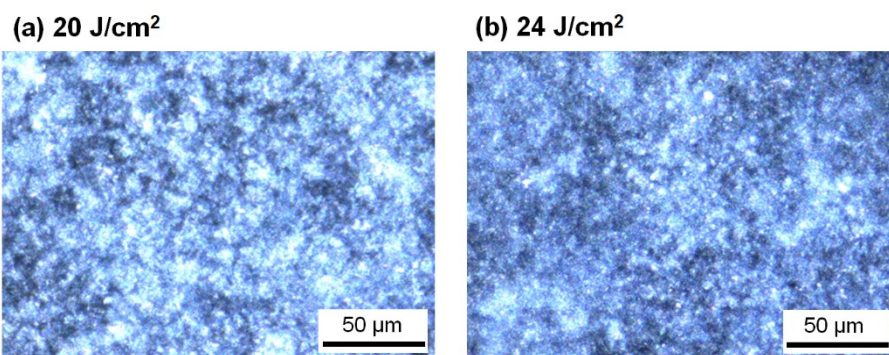


**Figure S2.** Schematic diagram of the laser bidirectional scanning strategy.

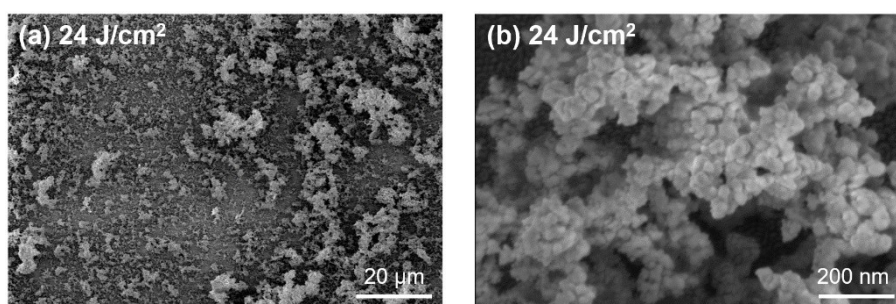
(a) Transmission measurement (b) Forward scattering measurement



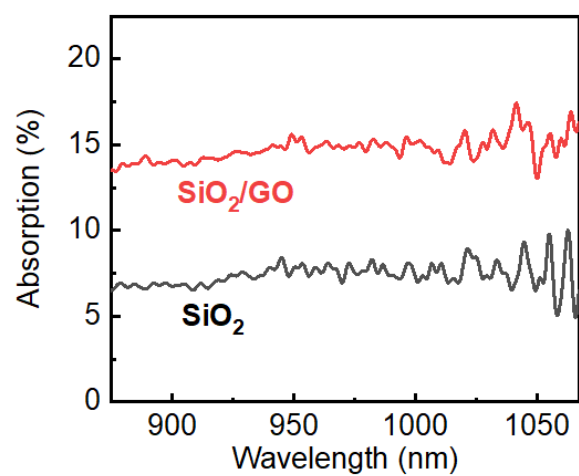
**Figure S3.** Optical setup of the transmission measurement and forward scattering measurement with an integrating sphere in (a) transmission and (b) forward scattering setup.



**Figure S4.** Dark field microscope images of the LTNS films obtained at (a) 20 J/cm<sup>2</sup> and (b) 24 J/cm<sup>2</sup>.



**Figure S5.** (a) SEM images of the LTNS film obtained at 24 J/cm<sup>2</sup>, and (b) the enlarged view.



**Figure S6.** NIR absorption spectra of the donor films.