

Supporting Information for

Multifunctional Integrated Transparent Film for Efficient Electromagnetic Protection

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Supplementary Figures and Tables

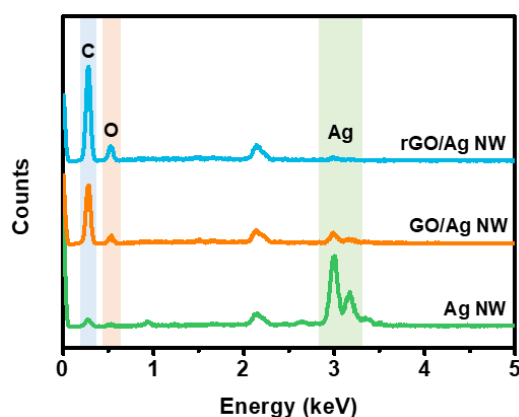


Fig. S1 The EDS spectra of the Ag NW, GO/Ag NW, and rGO/Ag NW films

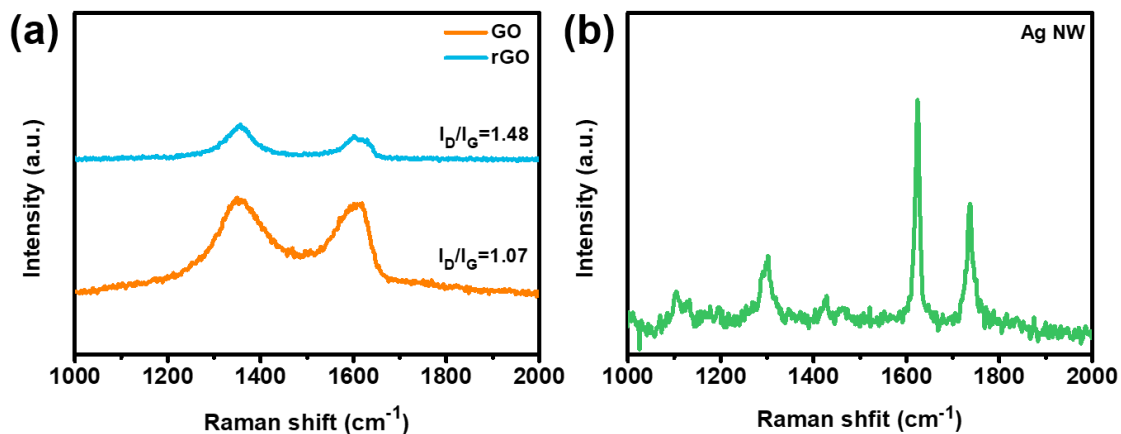


Fig. S2 Raman spectrum of **a** GO and rGO, **b** Ag NW

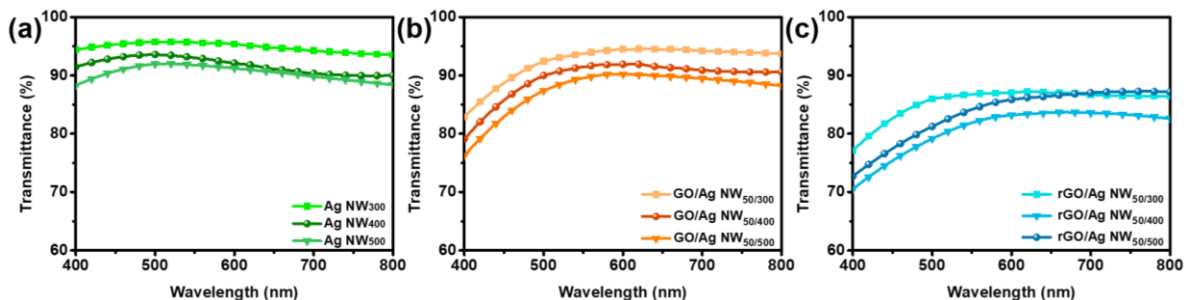


Fig. S3 Optical transmittance of **a** Ag NW, **b** GO/Ag NW, **c** rGO/Ag NW

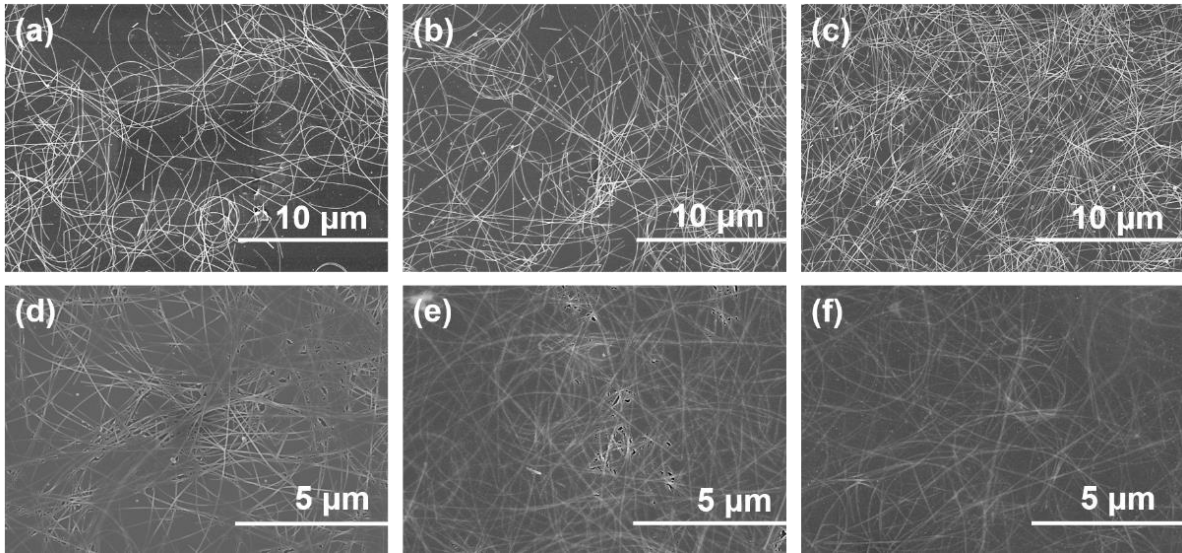


Fig. S4 SEM images **a** Ag NW₃₀₀, **b** Ag NW₄₀₀, **c** Ag NW₅₀₀. SEM images of the rGO/Ag NW film with various rGO area density of **d** 30 mg·m⁻², **e** 40 mg·m⁻², **f** 50 mg·m⁻²

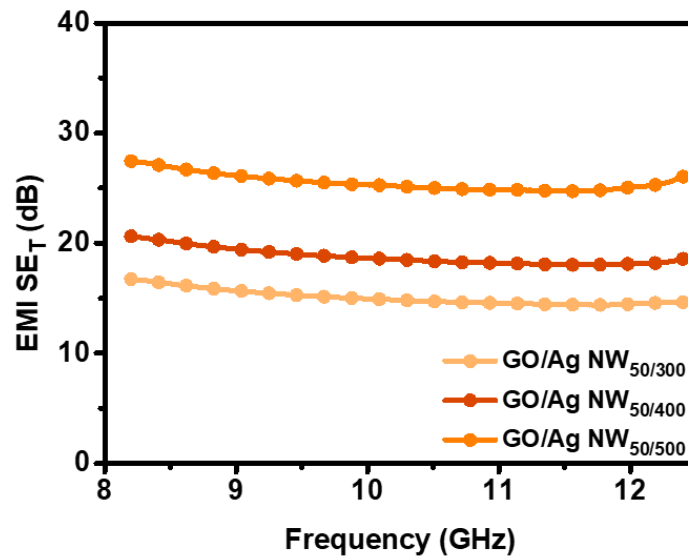


Fig. S5 EMI SE_T value of the GO/Ag NW films

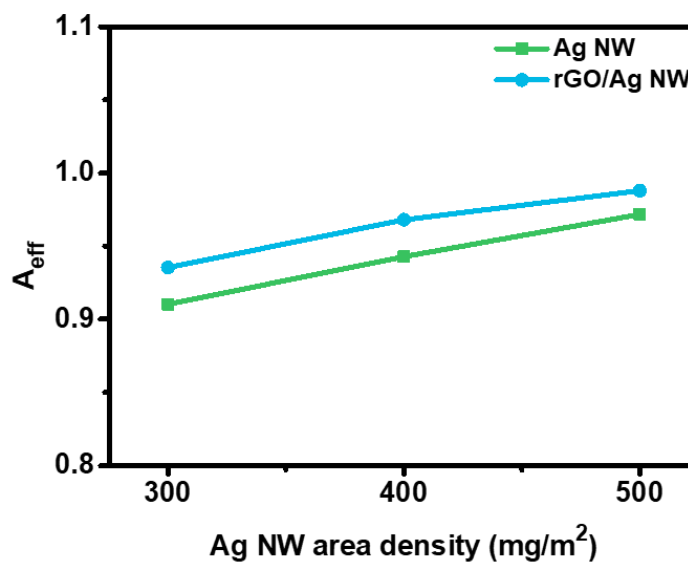


Fig. S6 A_{eff} of the Ag NW and rGO/Ag NW films

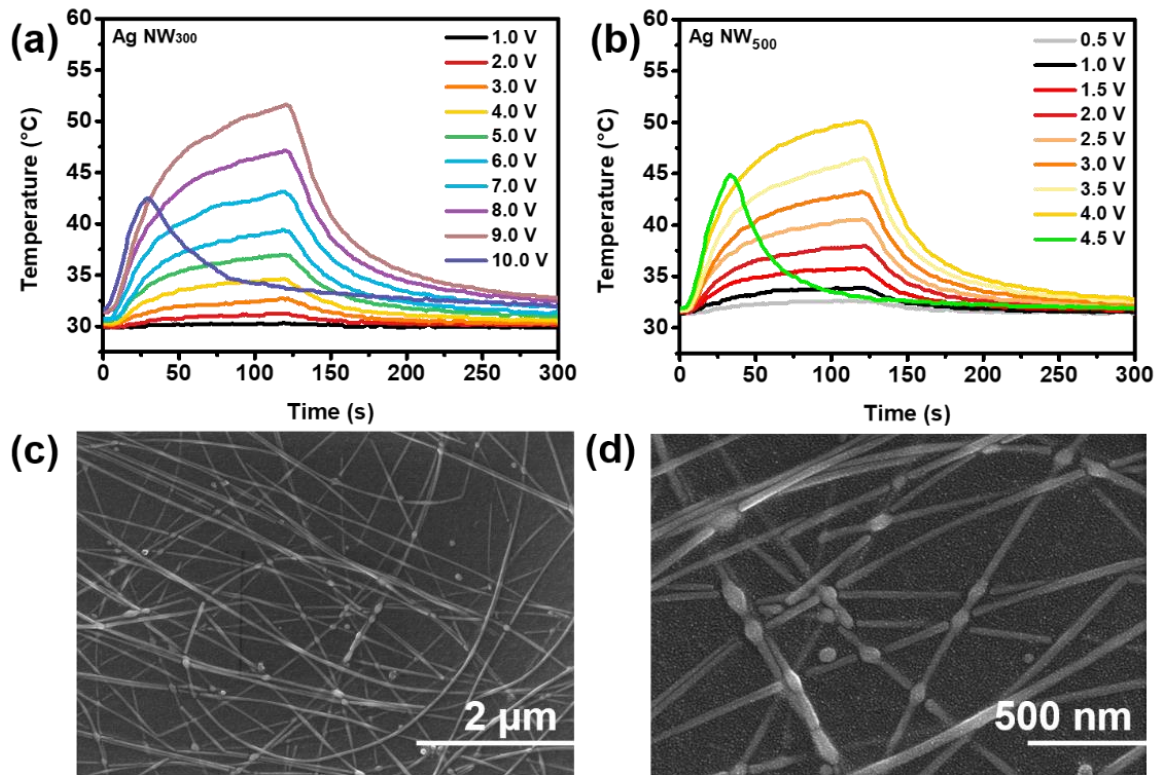


Fig. S7 Temperature-time profiles of the **a** rGO/Ag NW₃₀₀, **b** Ag NW₅₀₀ at different applied voltages. **c**, **d** SEM images of the fractured Ag NW network