

One-step seeding growth of controllable Ag@Ni core-shell nanoparticles on skin collagen fiber with introduction of plant tannin and their application in high-performance microwave absorption

Junling Guo, Xiaoling Wang, Penglong Miao, Xuepin Liao,* Wenhua Zhang and Bi Shi*

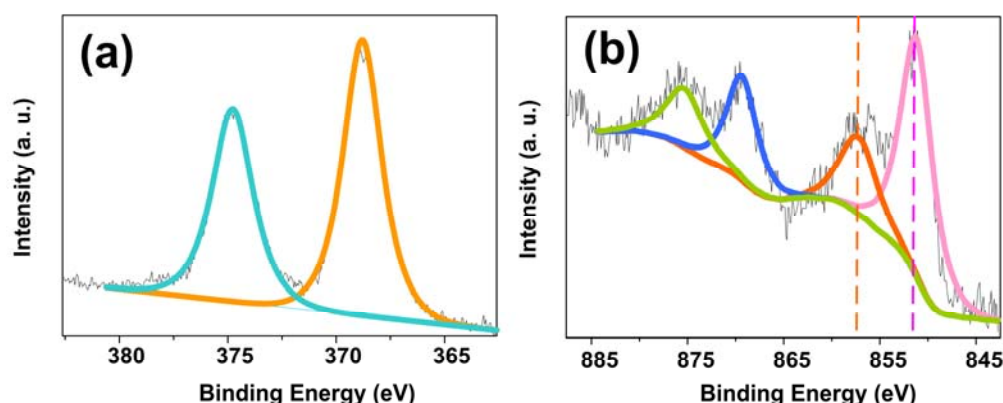


Figure S1 Ag 3d (a) and Ni 2p (b) XPS spectra of Ag₁@Ni₁/SCF-BT_{0.35}.

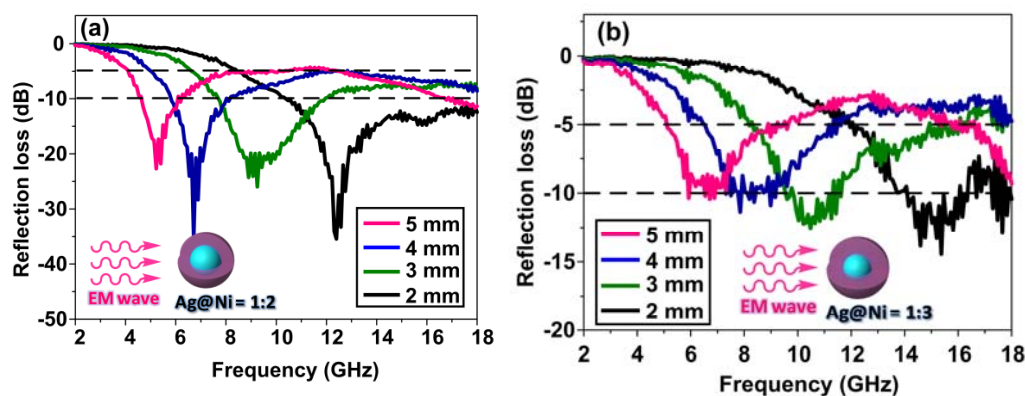


Figure S2. Microwave reflection losses (RL) of (a) Ag₁@Ni₂/SCF-BT_{0.35} (b), Ag₁@Ni₃/SCF-BT_{0.35} with different thicknesses from 2.0 to 5.0 mm

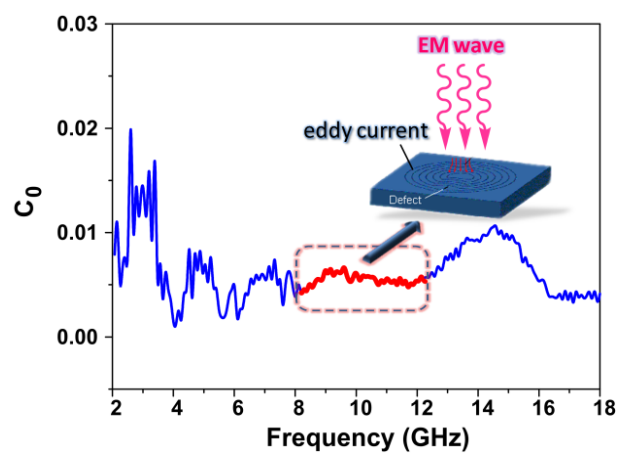


Figure S3. Frequency dependence of C_0 - f curve for $\text{Ag}_1@ \text{Ni}_1/\text{SCF-BT}_{0.35}$.