Supplementary Material

Dialdehyde Cellulose Solution as Reducing Agent: Preparation of Uniform Silver Nanoparticles and In Situ Synthesis of Antibacterial Composite Films with High Barrier Properties

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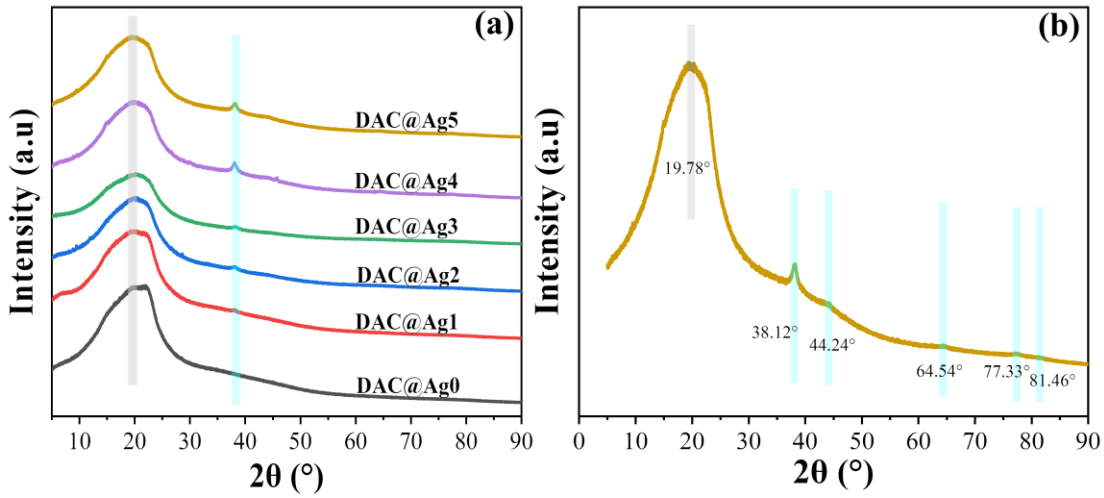

Figure S1. (a) XRD spectra of DAC@Ag0-DAC@Ag5 composite films; (b) enlarged view of the spectra of DAC@Ag5 composite film.

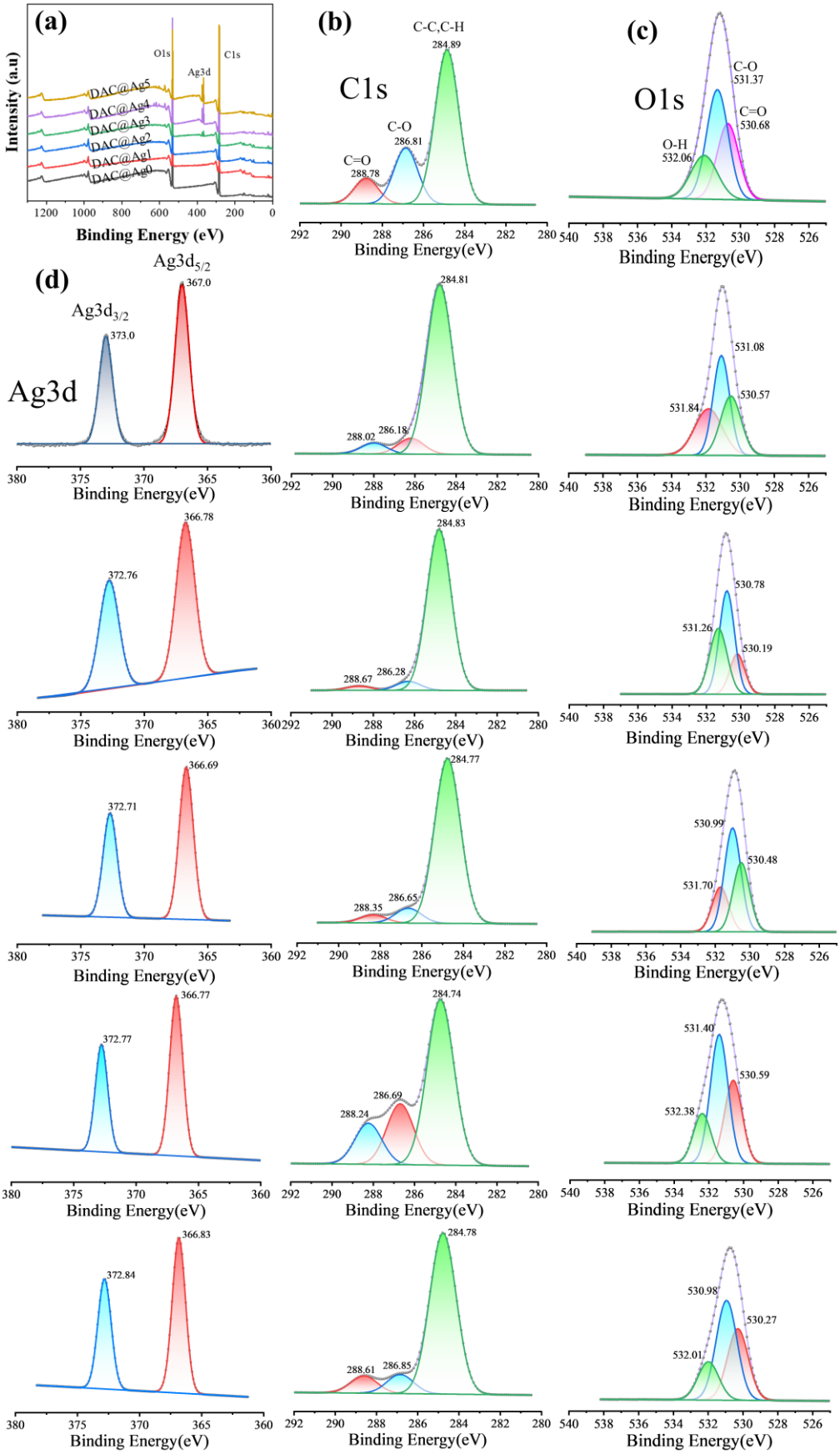

Figure S2. XPS spectra of DAC@Ag0-DAC@Ag5 composite films: (a) full scan spectrum, (b) C1s region, (c) O1s region and (d) Ag3d region.