Supplementary Materials for

Preparation and Characterization of Degradable Cellulose–Based Paper with Superhydrophobic, Antibacterial and Barrier Properties for Food Packaging

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Table S1. Tensile strength of samples.

Sample	CP	PC	PC-SA	PC-SA/SiO_2
TS/MPa	70.5±2	118.9±2	101.4±2	104.3±2

Table S2. Cobb of samples at different times.

Time	60s	300s	600s	1800s
CP	12.1±1.0	14.5±1.0	15.7±1.0	19.4±1.0
PC	0	0.7±1.0	6.7±1.0	17.3±1.0
PC-SA	0	0.6±1.0	4.5±1.0	15.5±1.0
PC-SA/SiO2	0	0	1.2±1.0	9.6±1.0

Table S3. Number of colonies in the samples.

Sample	CP	PLA	PC	PC-SA	PC-SA/SiO_2
E. coli	$>10^6$	422±5	34±2	3±1	0
S. aureus	$>10^6$	213±5	6±2	1±1	0