Supporting Information

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Creation of Super-hydrophobic Surface from Amphiphilic Polymer

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Figure a) Detection angular dependence of C$_1s$ core spectra of native PVA film (solid line: determined by XPS; dashed line: fitting by Gauss-Lorenz function); b) Ratio of $-\text{CH}_2-/\text{O}$ and $>\text{CH}-/\text{O}$ vs. detection angles. The detected thickness is deeper with the increase of detection angle.

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