

## Electronic Supplementary Material (ESI) for Journal of Materials Chemistry C.

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Supporting information for:

Facile Fabrication of Nanoporous Gold Films for Surface Plasmon Resonance (SPR) Sensing and SPR-based SERS

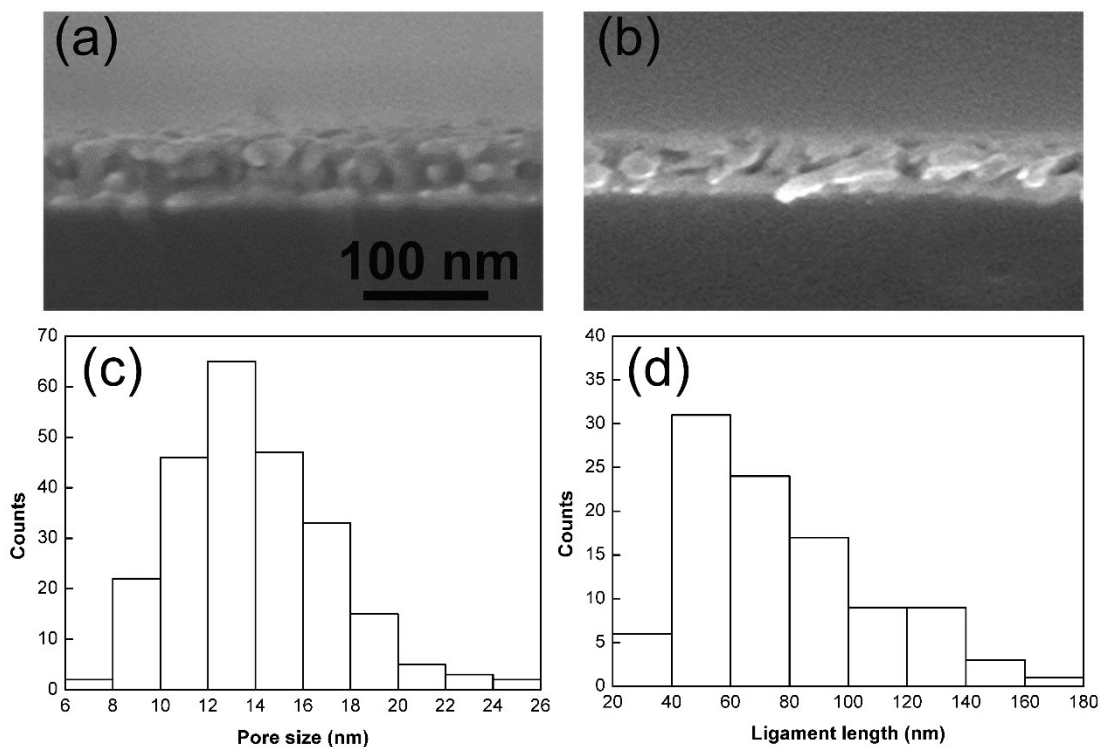
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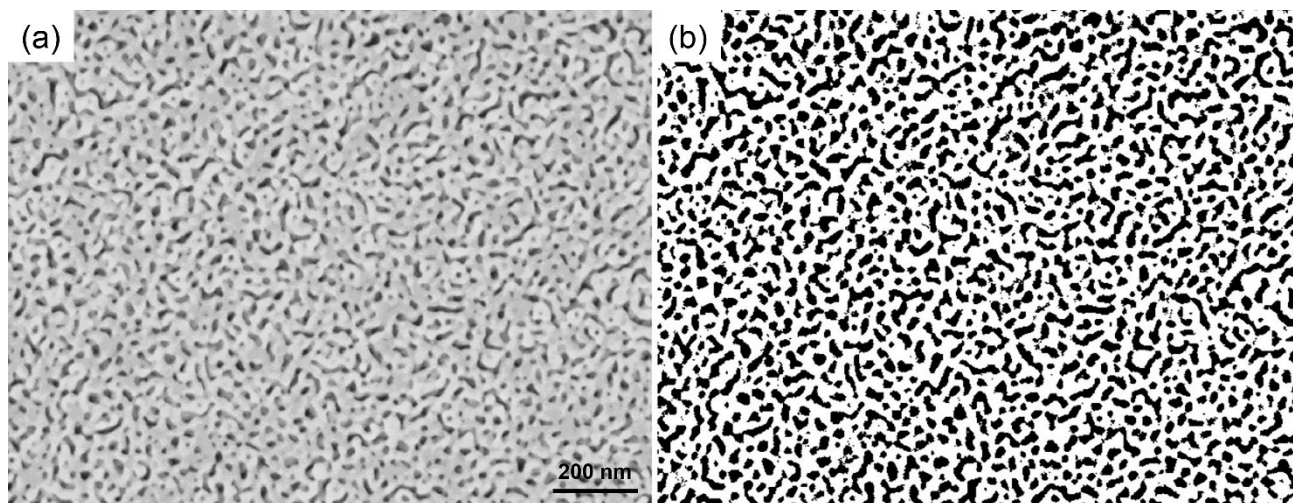
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**Fig. S1** Cross-sectional SEM micrographs of NPG films with different dealloying parameters: (a) -18 °C for 24 h and (b) 20 °C for 1 h. (c) The pore size distribution of NPG films prepared at -18 °C. (d) The ligament length distribution of NPG films prepared at 20 °C.



**Fig. S2** (a) The raw and (b) the binarized SEM images of NPG film prepared by low-temperature dealloying.