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

SUPPORTING INFORMATION FOR "Getting real: Influence of structural disorder on the performance of plasmonic hole array sensors fabricated by an bottom-up approach"

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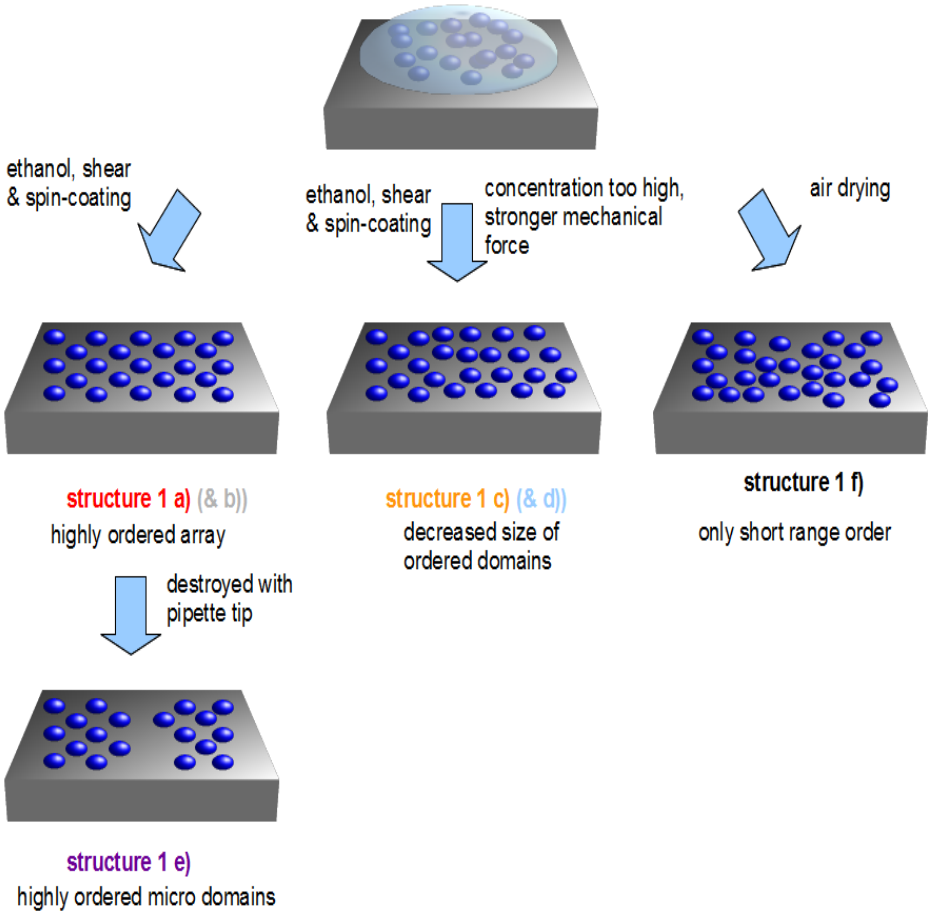

Scheme S1: Methods used to fabricate colloidal masks possessing different degrees of order.

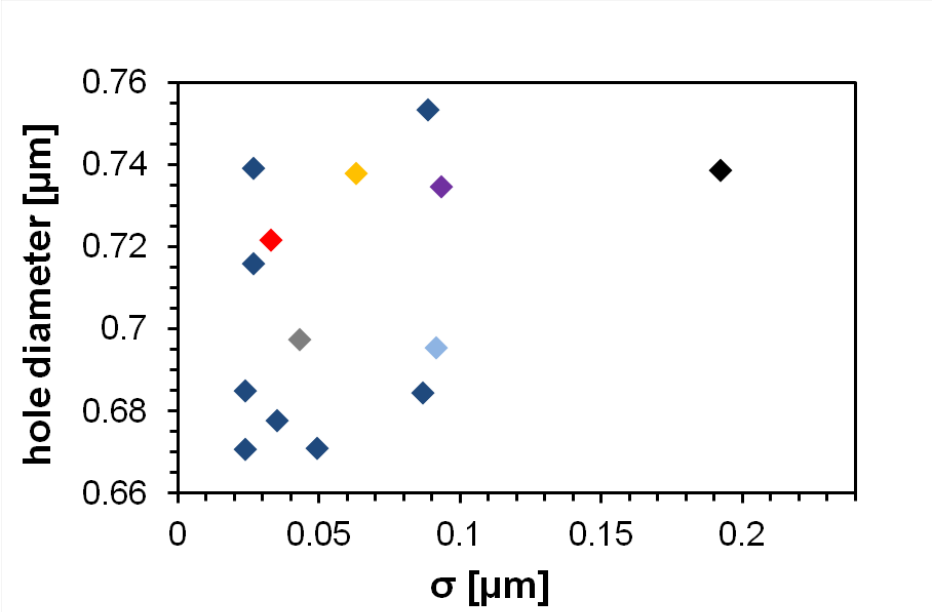

Figure S1: Dependence of the hole diameter on the degree of order of a hole array in a metallic film.

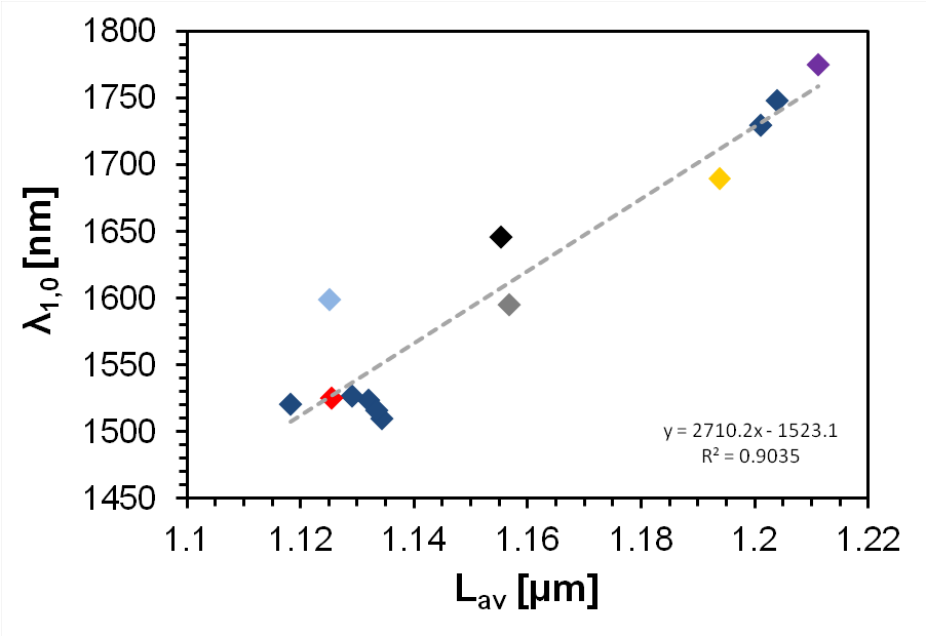

Figure S2: Plot of the position of the (1,0) gold/glass resonance on the wavelength scale versus the lattice constant of the hole array in a gold film.

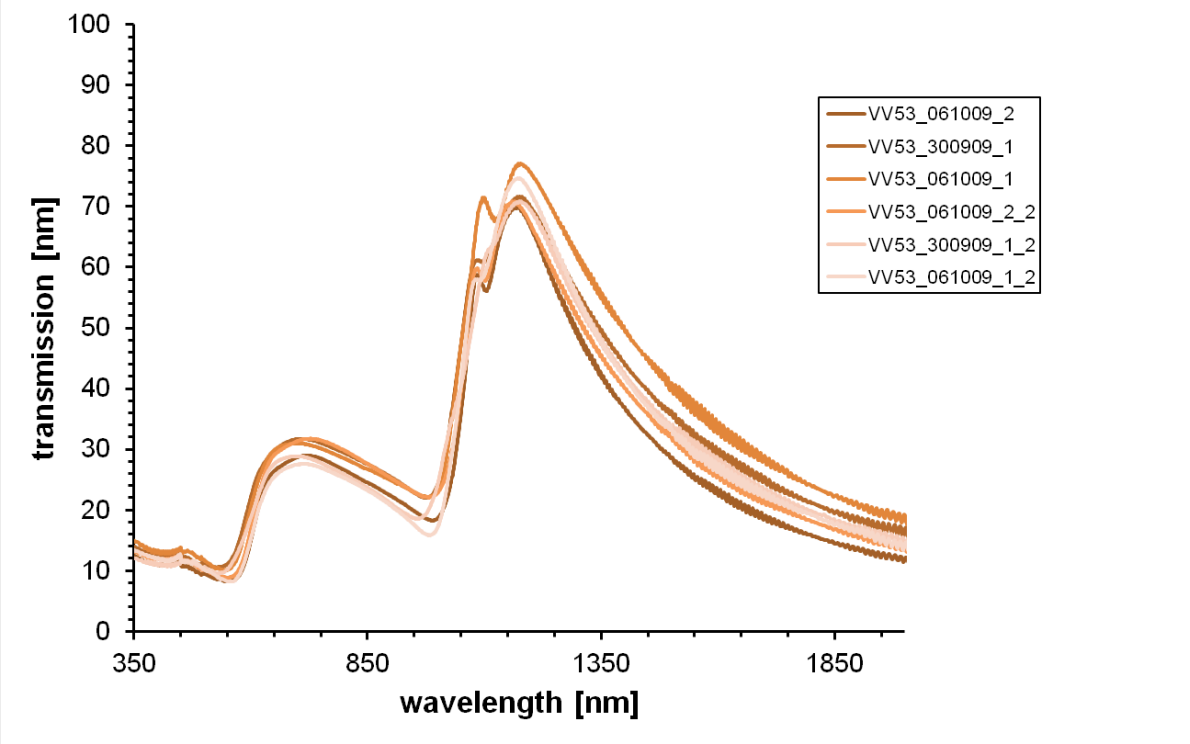

Figure S3: Transmission spectra of six highly ordered hole arrays in metallic films, demonstrating the high reproducibility of the used fabrication method.

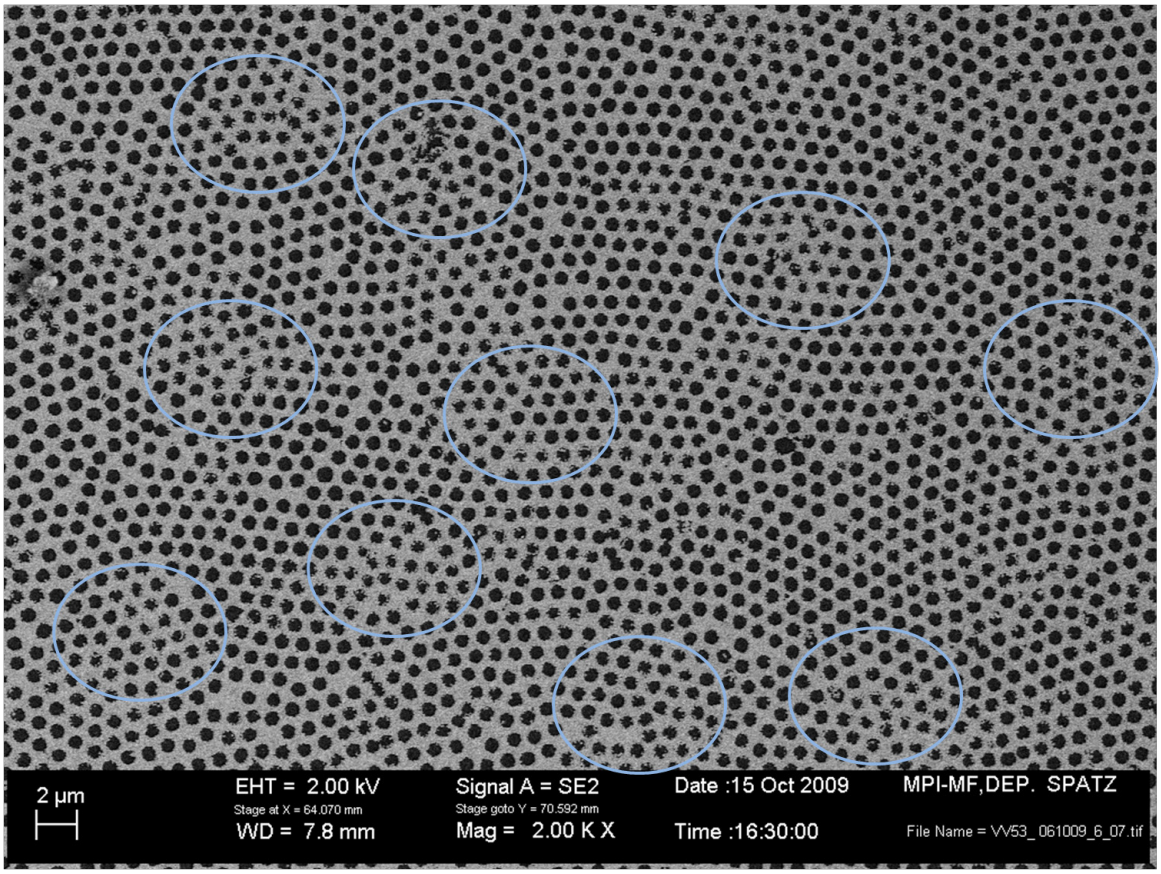

Figure S4: SEM image of the hole array in a gold film labeled in bright blue throughout the manuscript. Circles are drawn to guide the eye.

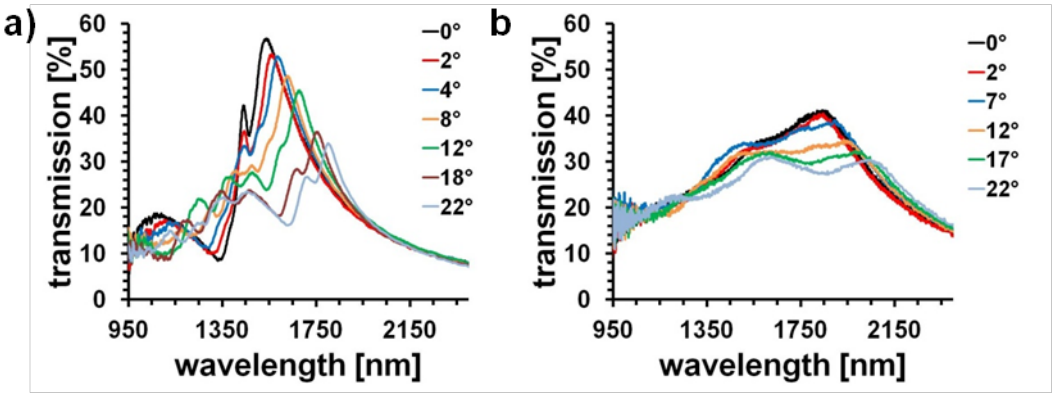

Figure S5: Angle-dependent transmission spectra of hole arrays in metallic films possessing a high degree of order (a)) or a low degree of order (b)).