

Supplementary Material (ESI) for Journal of Materials Chemistry

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**Supplementary Information**

# Facile and Adaptable Synthesis Method of Mesostructured Silica Thin Films

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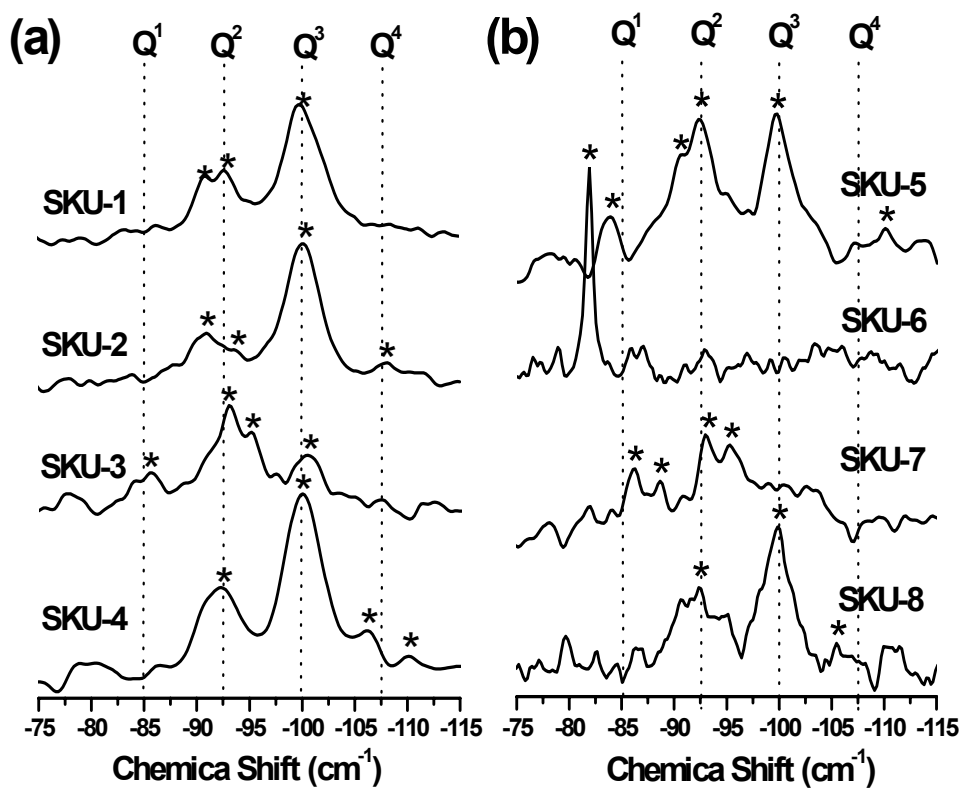
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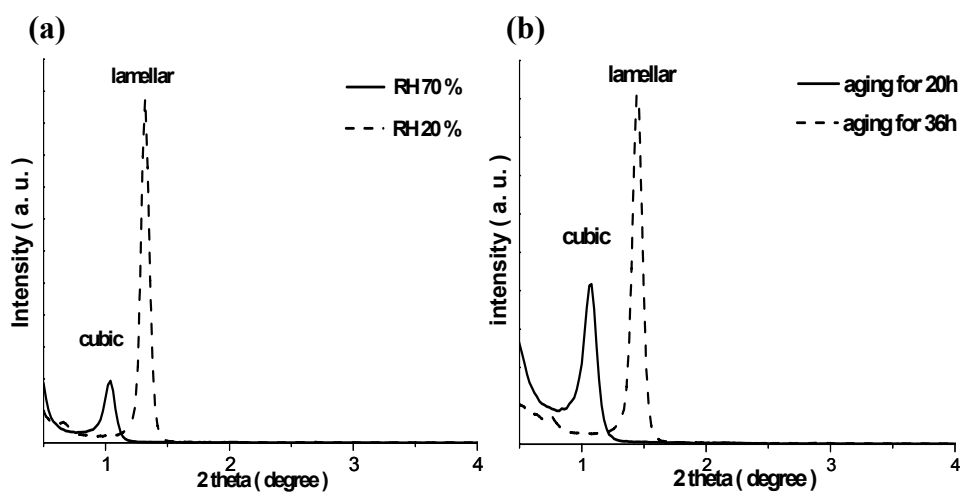
**Figure S1.**  $^{29}\text{Si}$ -NMR spectra of coating solutions for SKU-1~4 and SKU-5~8.

**Figure S2.** Low angle X-ray diffraction patterns of calcined films synthesized with the coating solution for SKU-1 under various conditions. Changes of the mesostructures are induced by (a) the humidity levels during spin coating step and (b) the aging time.

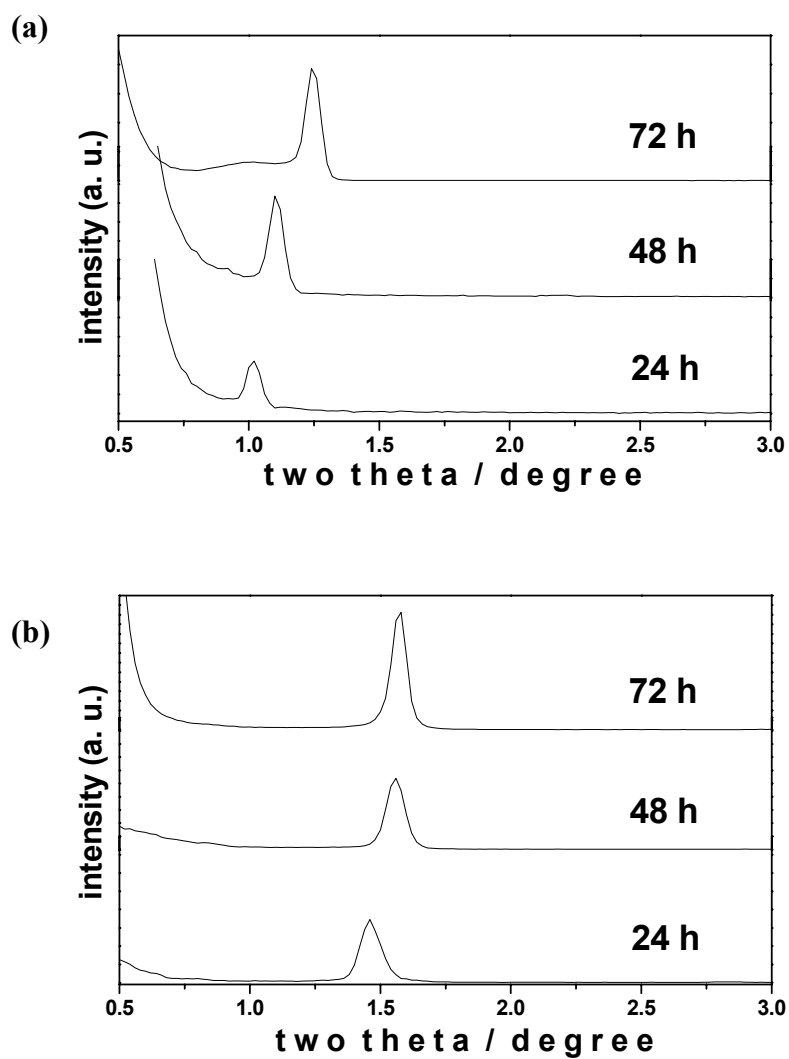
**Figure S3.** Changes of low angle X-ray diffraction patterns with the aging time of (a) as-casted and (b) calcined mesoporous curved lamellar films. (SKU-4)



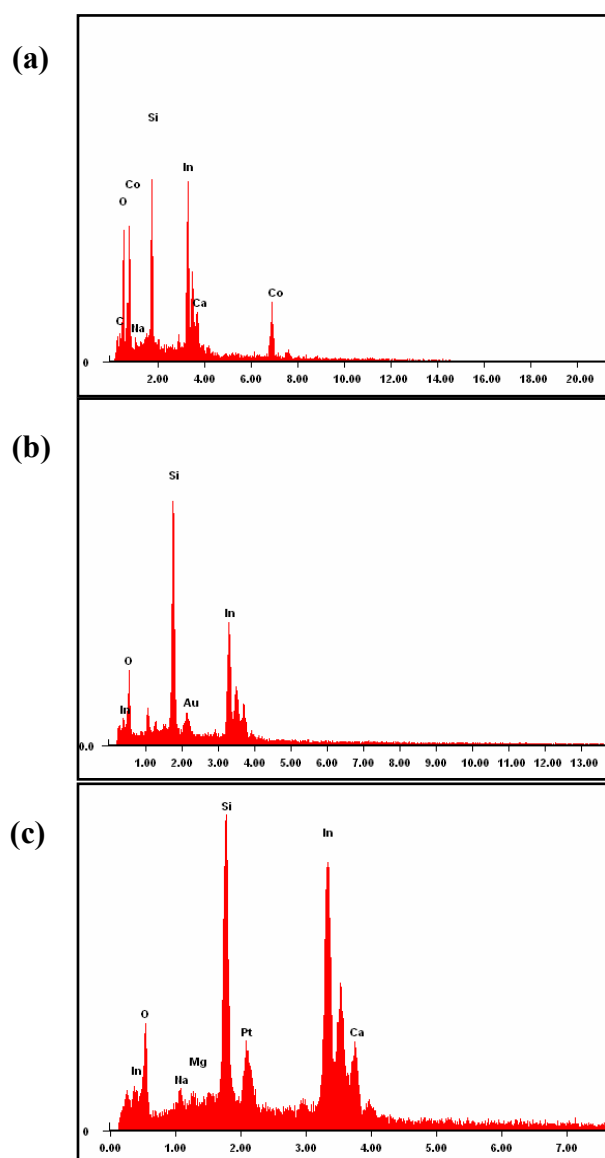
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**Figure S3.** Changes of low angle X-ray diffraction patterns with the aging time of (a) as-casted and (b) calcined mesoporous curved lamellar films. (SKU-4)



**Figure S4.** EDX spectra of (a) Co replica of SKU-1, (b) Au replica of SKU-2, and (c) Pt replica of SKU-4.