

Supporting Information

Trace-Level Gravimetric Detection Promoted by Surface Interactions of Mesoporous Materials with Chemical Vapors

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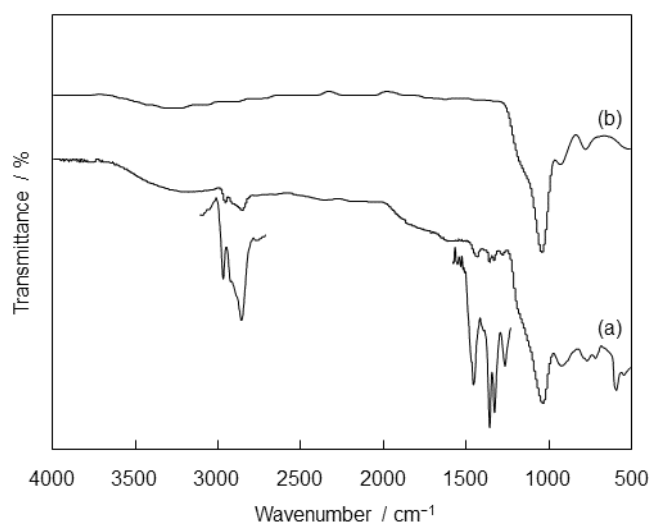


Fig. S1 FT-IR spectra of drop-coated silica films prepared using Pluronic P123 (a) before and (b) after the UV-ozone treatment.

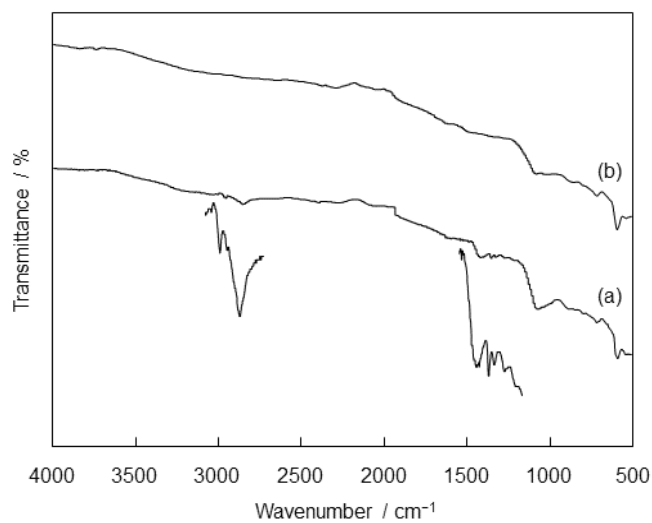


Fig. S2 FT-IR spectra of drop-coated AlPO films prepared using Pluronic P123 (a) before and (b) after the UV-ozone treatment.

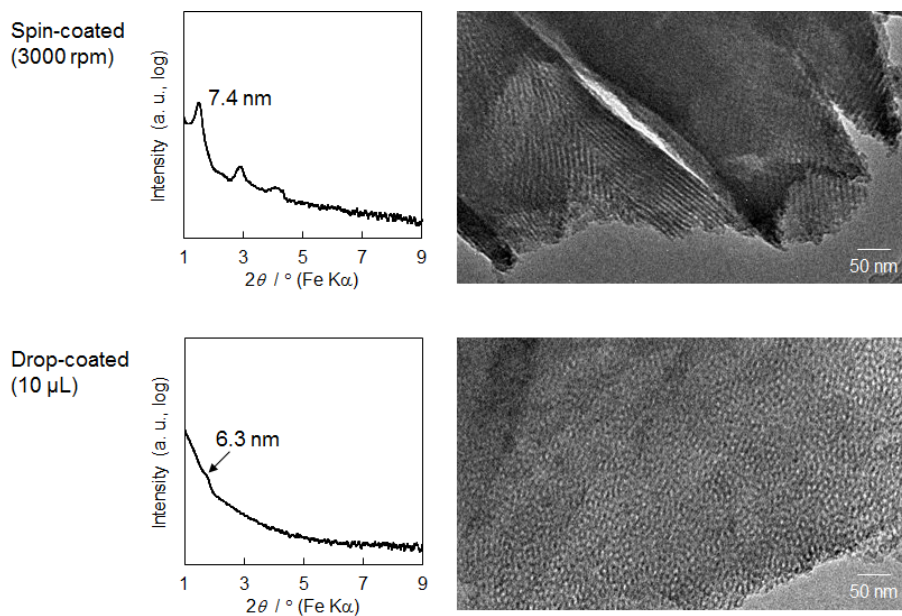


Fig. S3 XRD pattern and TEM image of spin- and drop-coated and subsequent UV-ozone treated mesoporous silica films prepared using Pluronic P123.

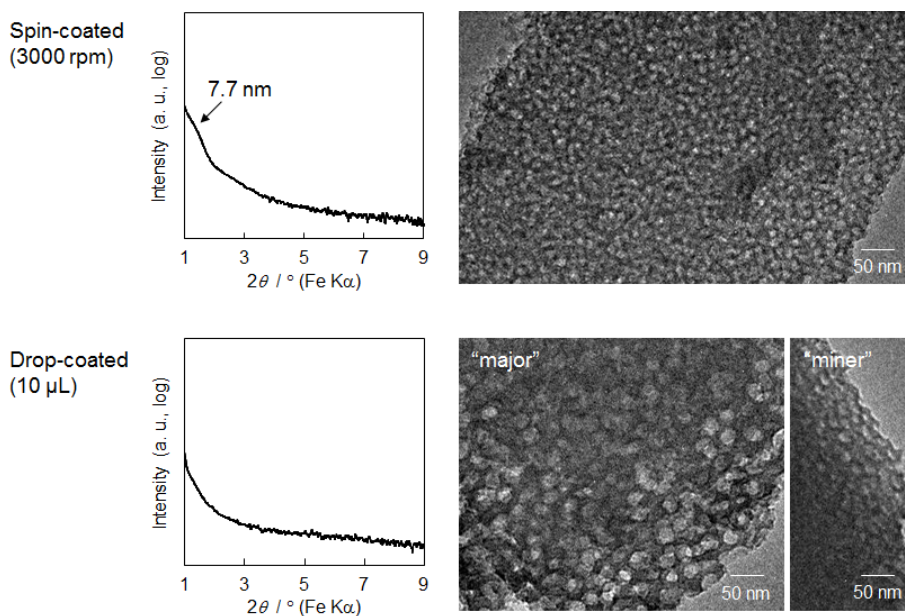


Fig. S4 XRD pattern and TEM image of spin- and drop-coated and subsequent UV-ozone treated mesoporous AlPO films prepared using Pluronic P123.