

Supporting Information

Title: Contamination-Resistant Silica Antireflective Coating with Closed Ordered Mesopores

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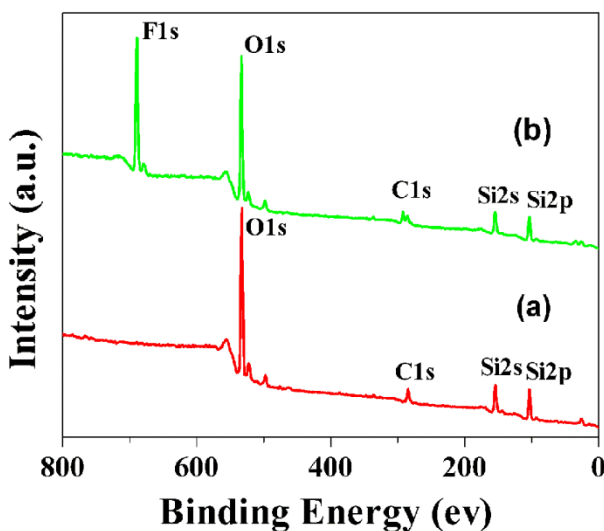


Fig. S1 XPS survey spectra of mesoporous silica coatings before and after fluoroalkyl-grafting (a) F07N and (b) F07NF.

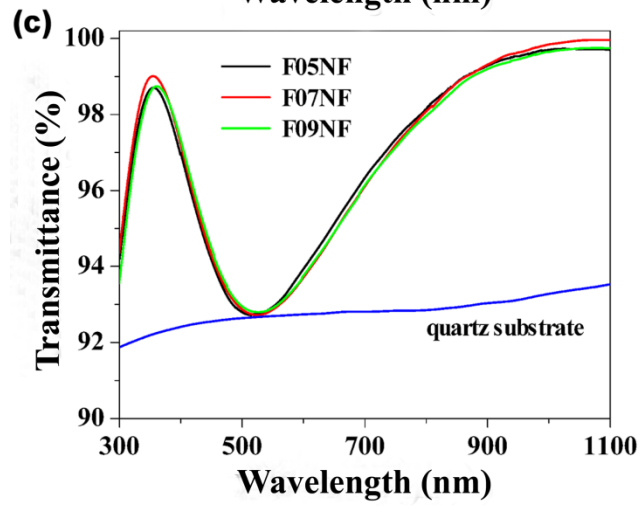
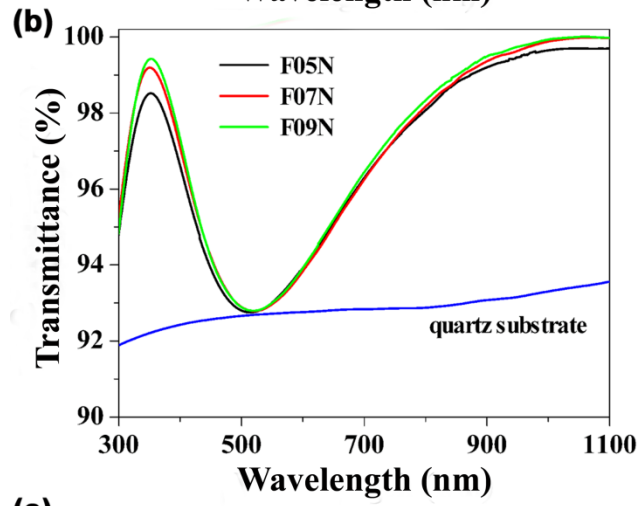
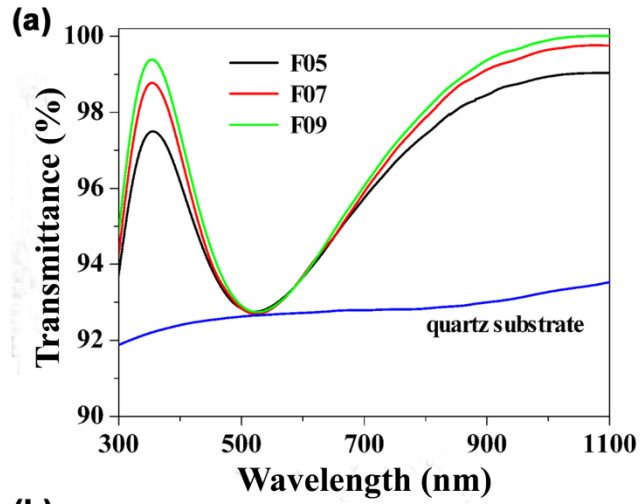


Fig. S2 Transmission spectra of ordered mesoporous silica antireflective coatings with various surfactant content (a) un-treatment and (b) ammonia vapor treatment and (c) fluoroalkyl-grafting.