

Description of Additional Supplementary Files

File Name: Supplementary Movie 1-3

Description: Time lapse AFM topography, amplitude, and phase respectively of KBr irradiated in 0.1 % RH air over 12 hours as shown in Figs. 3a-b, 4a.

File Name: Supplementary Movie 4-6.

Description: Time lapse AFM topography, amplitude, and phase respectively of KBr irradiated in 60 % RH Ar/1% air over 8 hours as shown in Figs. 3c-d, 4b.