Supporting Information

Microscopic investigations on surface-state dependent moisture stability of hybrid perovskite

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This files includes Figure S1 and S2.

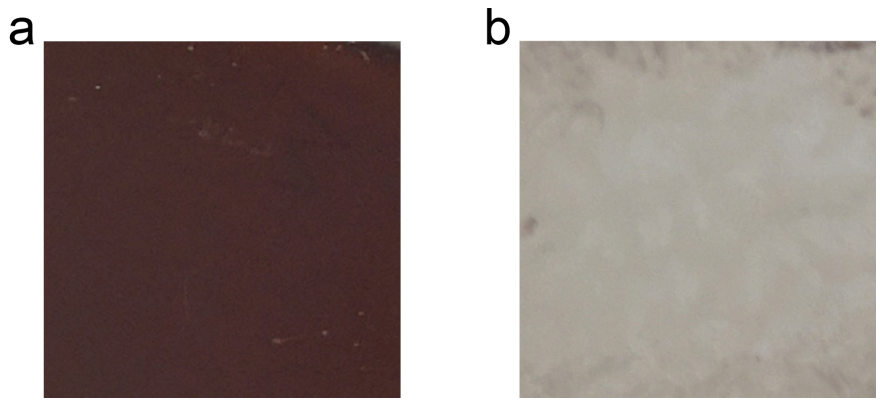

Figure S1 Photographs of the pristine films stored in 80% humidity for (a) 4 h and (b) more than 8 h. Photos were taken while keeping the samples in humidity.

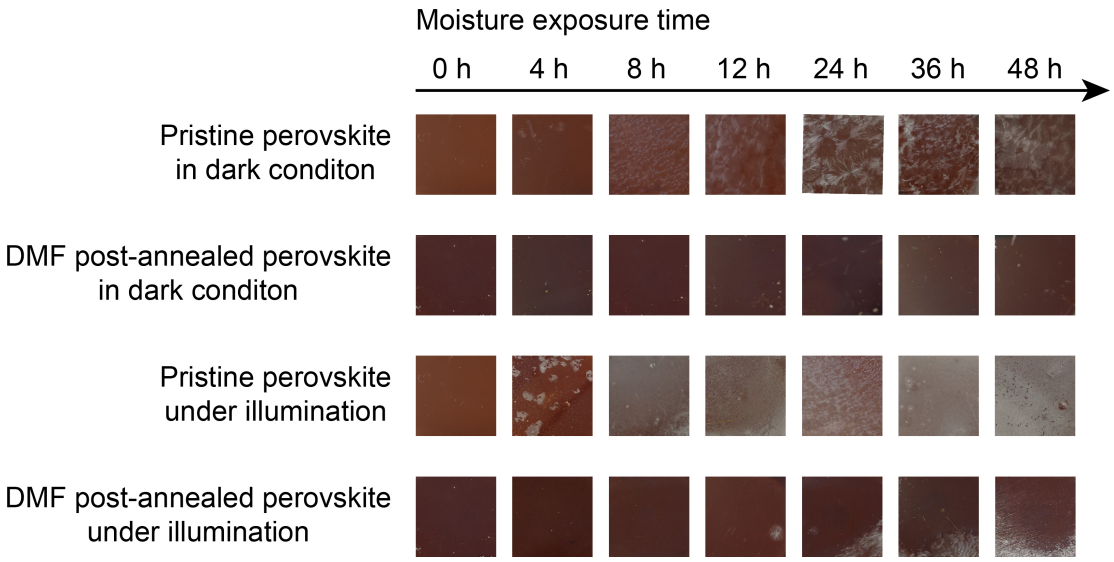

Figure S2 Photographs of the perovskite films with different exposure time to 80% humidity, taken after a couple of minutes since the samples were moved out of moisture. The pristine films were prepared by anti-solvent method.

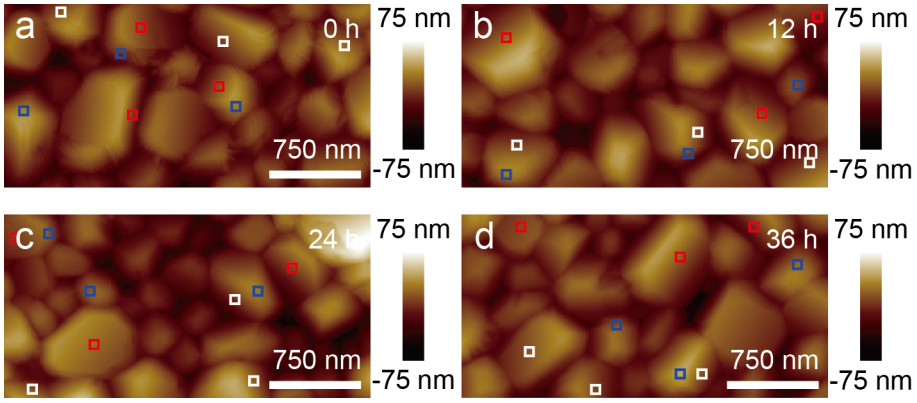

Figure S3 Topographic images of DMF post-annealed films with exposure time in 80% humidity and dark conditions for 0 h (a), 12 h (b), 24 h (c) and 36 h (d). Sur-1, Sur-2 and Sur-3 are marked by red, blue and white squares, respectively.