Electronic Supplementary Material (ESI) for RSC Advances.

Supporting information

Ripening and recrystallization of NaCl nanocrystals in humid conditions

*Manuel Oliva-Ramirez, Manuel Macías, Ana Borrás, Agustín R. González-Elipe**

†Nanotechnology on Surfaces Laboratory. Instituto de Ciencia de Materiales de Sevilla (CSIC-Univ. Sevilla). 41092 Sevilla. Spain

Figure S1. Normal ESEM micrographs of NaCl nanoparticles deposited by e-beam evaporation at 60º after they exposure to a humid environment for increasing periods of time as indicated, once the onset for water condensation has been reached.

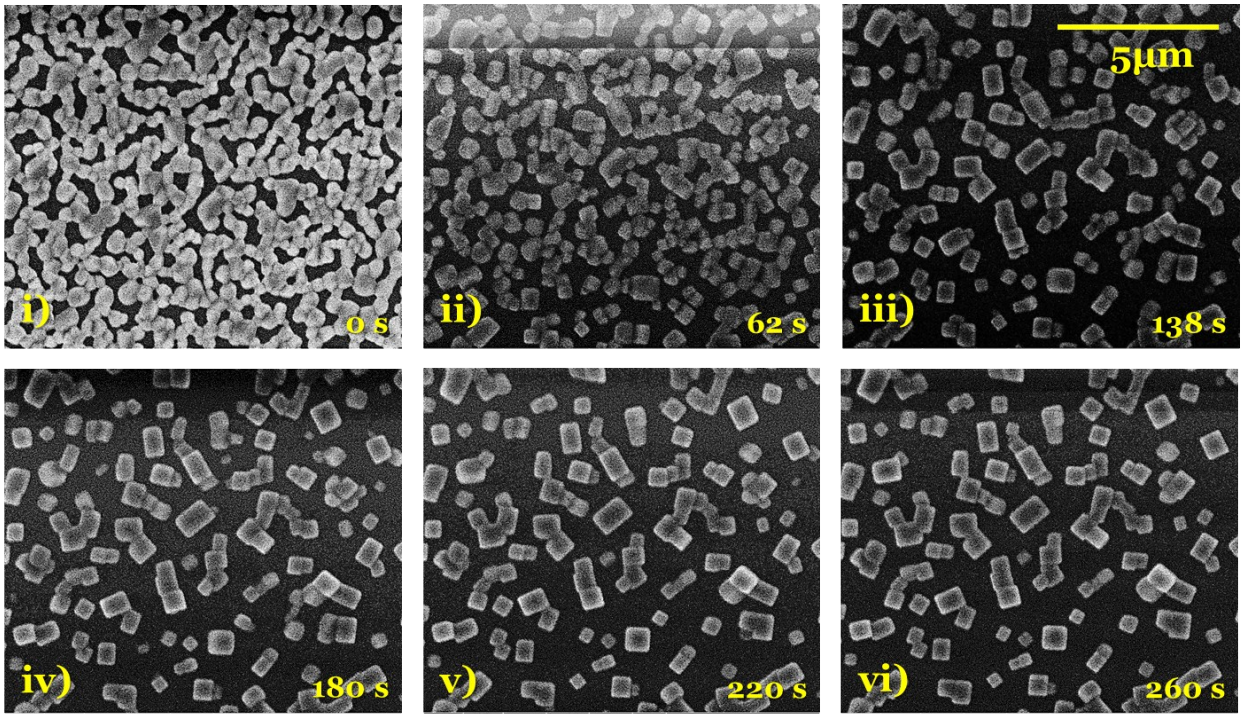
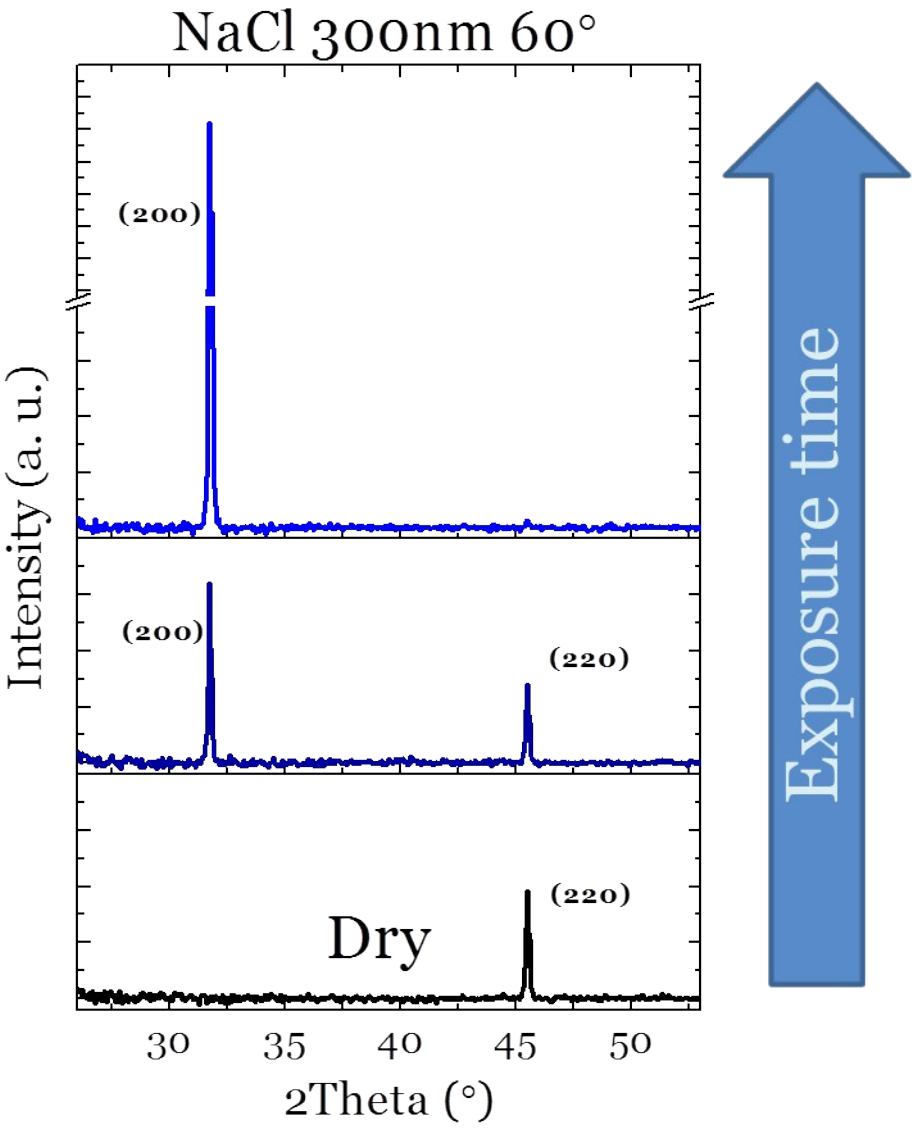


Figure S2. In situ XRD diagrams recorded for the 60º sample while exposed to saturated water pressure conditions at room temperature.



Movie S3. Set of cross section ESEM micrographs successively arranged to show the time evolution of nanoparticle regrowth in the 60º sample exposed to a saturated water vapor.