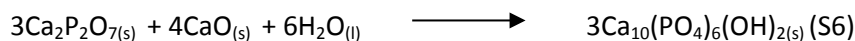
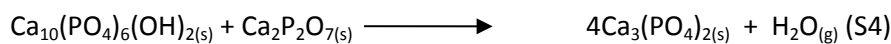
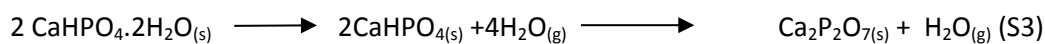
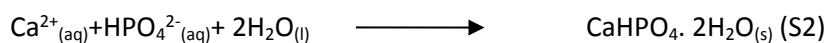
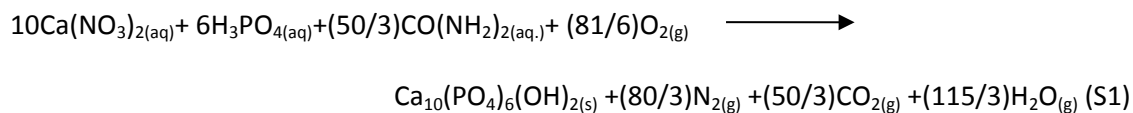


Fig. S1. XRD pattern of (a) Heat-treated NAP (b) hydrothermally treated HA products synthesized at pH 10.

**Reactions during the synthesis process of HA nanoparticles**



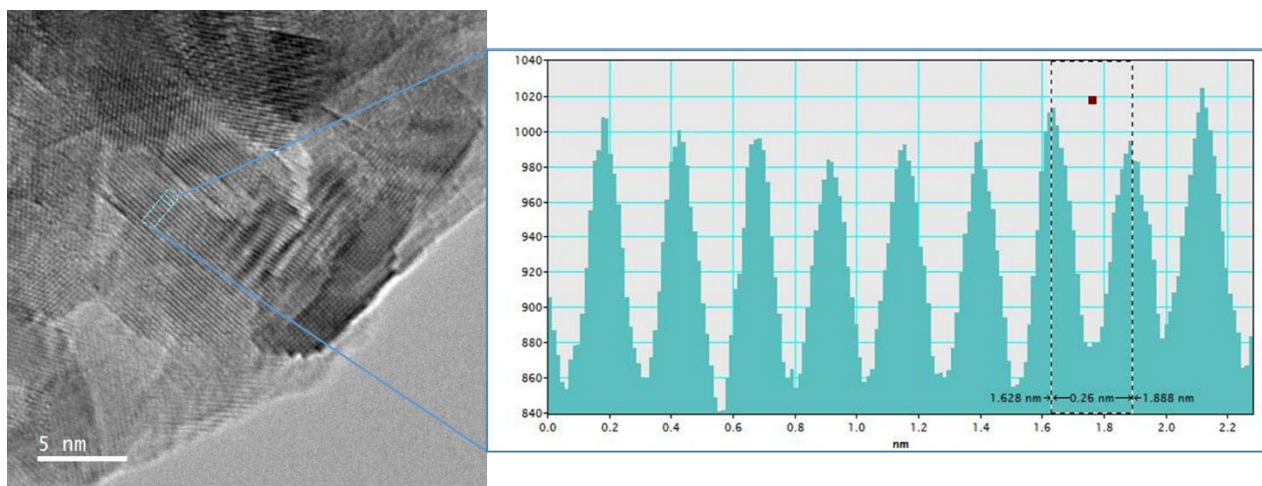


Fig. S2. HRTEM of final HA product with d-spacing