

Supplementary Information

Nonclassical crystallization mechanism and growth kinetics of densely packed fluorapatite nanorod arrays: effects of ions transportation rate and fluoride concentration

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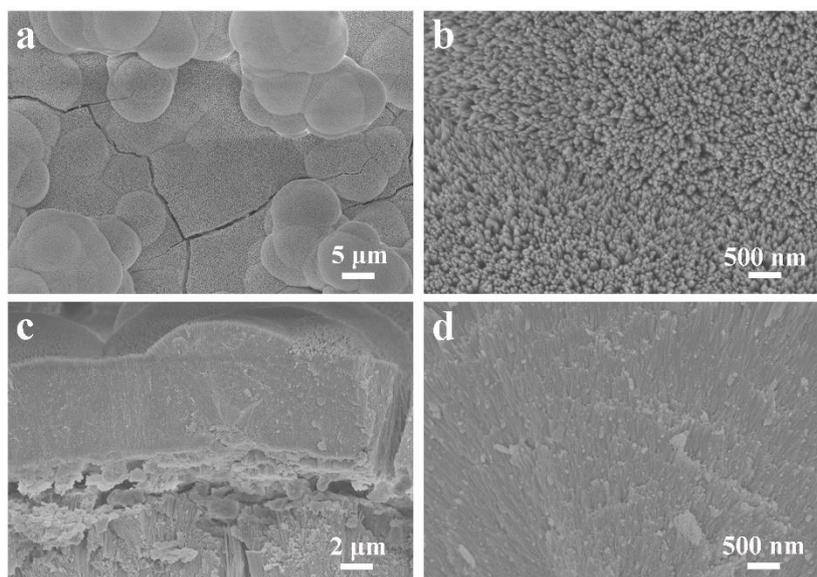


Figure S1. SEM images of grown layer on transverse slice after reaction for 72 h via adding Ca^{2+} solution to $\text{PO}_4^{3-}/\text{F}^-$ premixed solution (transverse slices were immersed in premixed solution). (a, b) Top view. (c, d) side view. (b) and (d) are the magnified images of (a) and (c). Flow rate: $0.212 \mu\text{l/s}$.

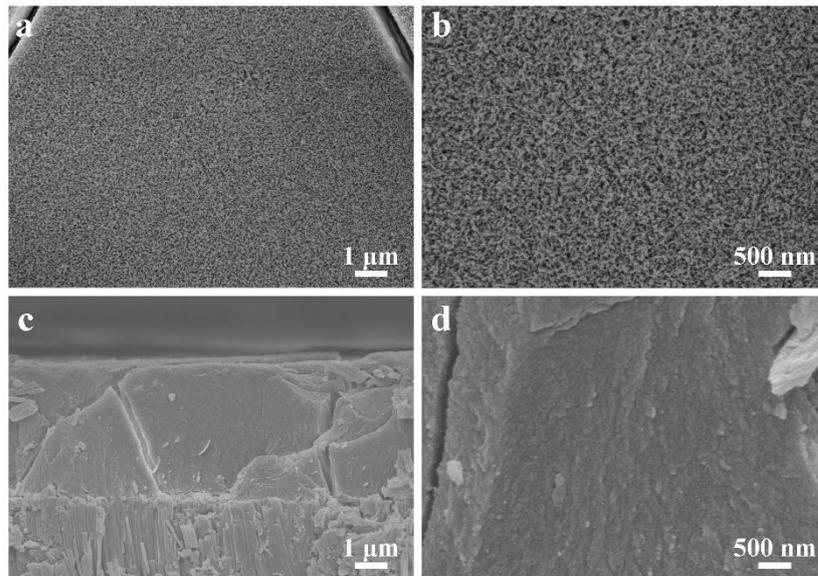


Figure S2. SEM images of grown layer on transverse slice after reaction for 72 h via simultaneously adding Ca^{2+} solution and $\text{PO}_4^{3-}/\text{F}^-$ premixed solution to a 250 ml beaker where transverse slices were immersed in. (a, b) Top view. (c, d) side view. (b) and (d) are the magnified images of (a) and (c). Flow rate: $0.212 \mu\text{l/s}$.