

Electronic Supplementary Information

Bottom-up synthesis of titanate nanoflakes and nanosheets in ionic liquid solvents

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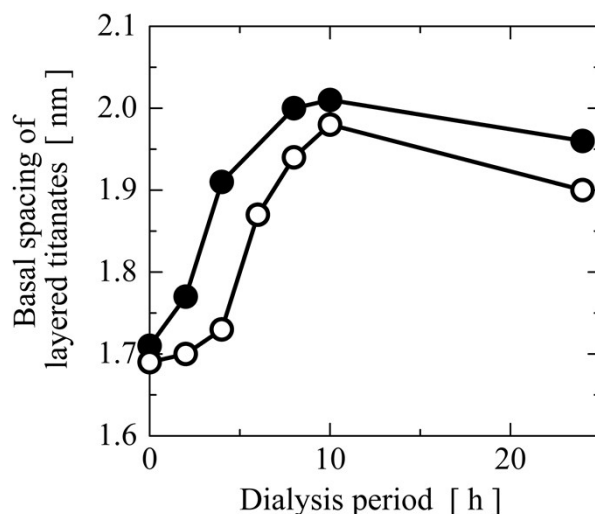


Figure S1 Change of the basal spacing of the layered titanates synthesized in TBACl ionic liquid solvent (open circle) and water solvent (closed circle) with dialysis period.

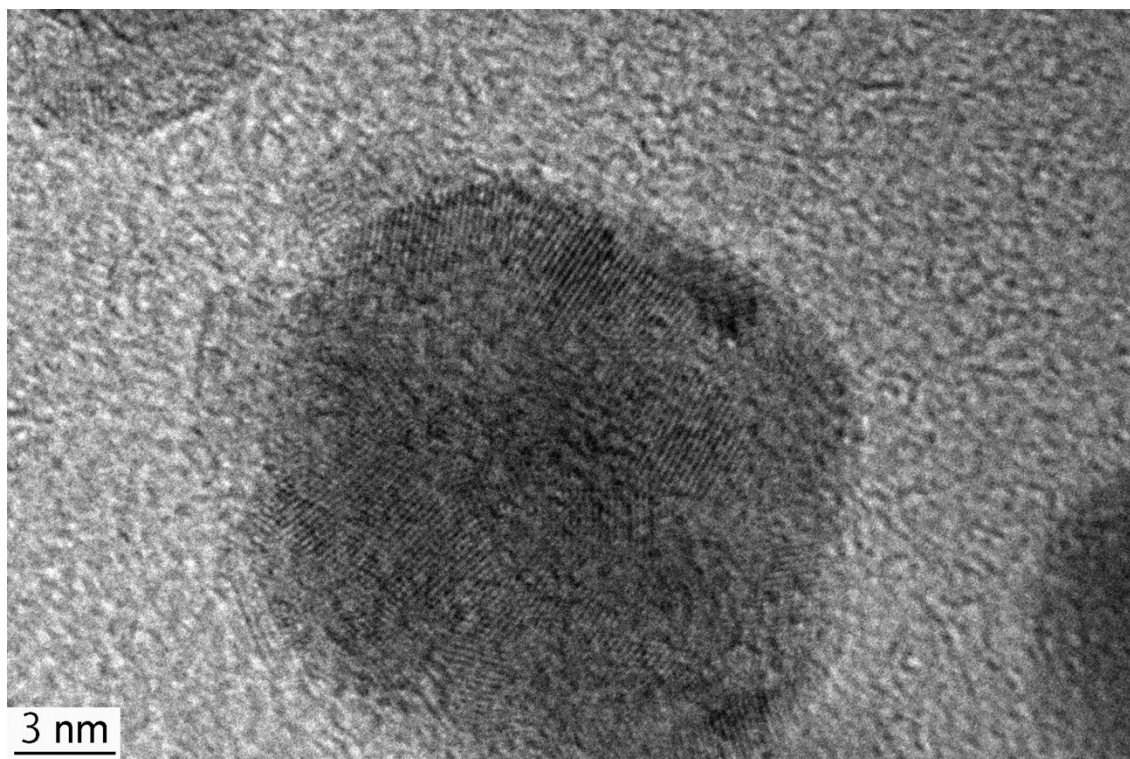


Figure S2 TEM images of the aggregates of the titanate nanoflakes synthesized in TBACl solvent.

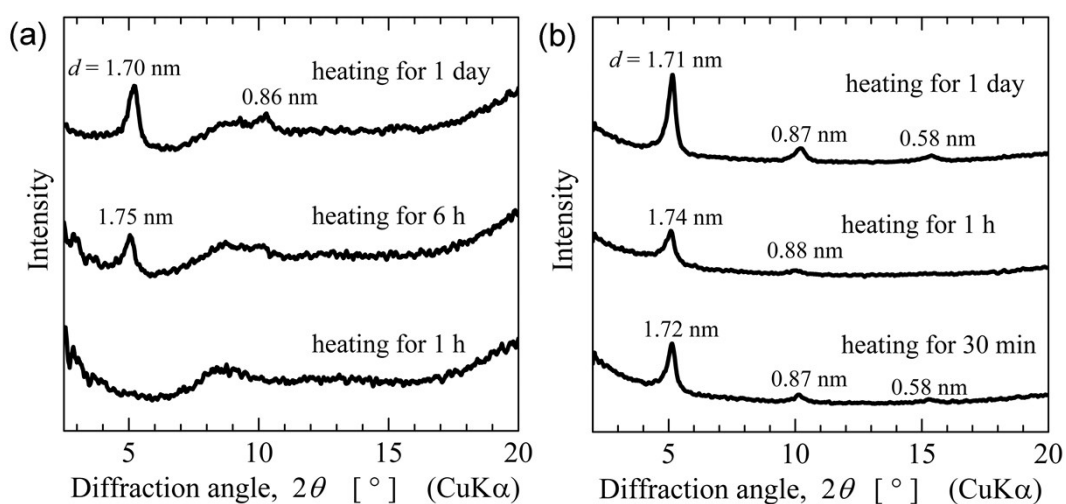


Figure S3 XRD patterns of the sols prepared by heating reaction mixtures containing TBACl solvent for different periods. The reaction mixtures were prepared using (a) Ti complexes and (b) TIP as a Ti source.

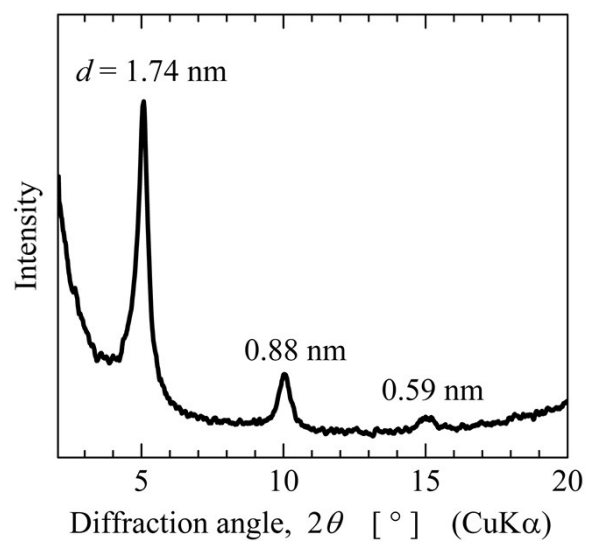


Figure S4 XRD pattern of the layered titanate synthesized using Ti complexes as a Ti source in TBACl solvent. The sample was prepared by dialyzing the obtained sol and then evaporating the dialyzed sol on a glass substrate.