

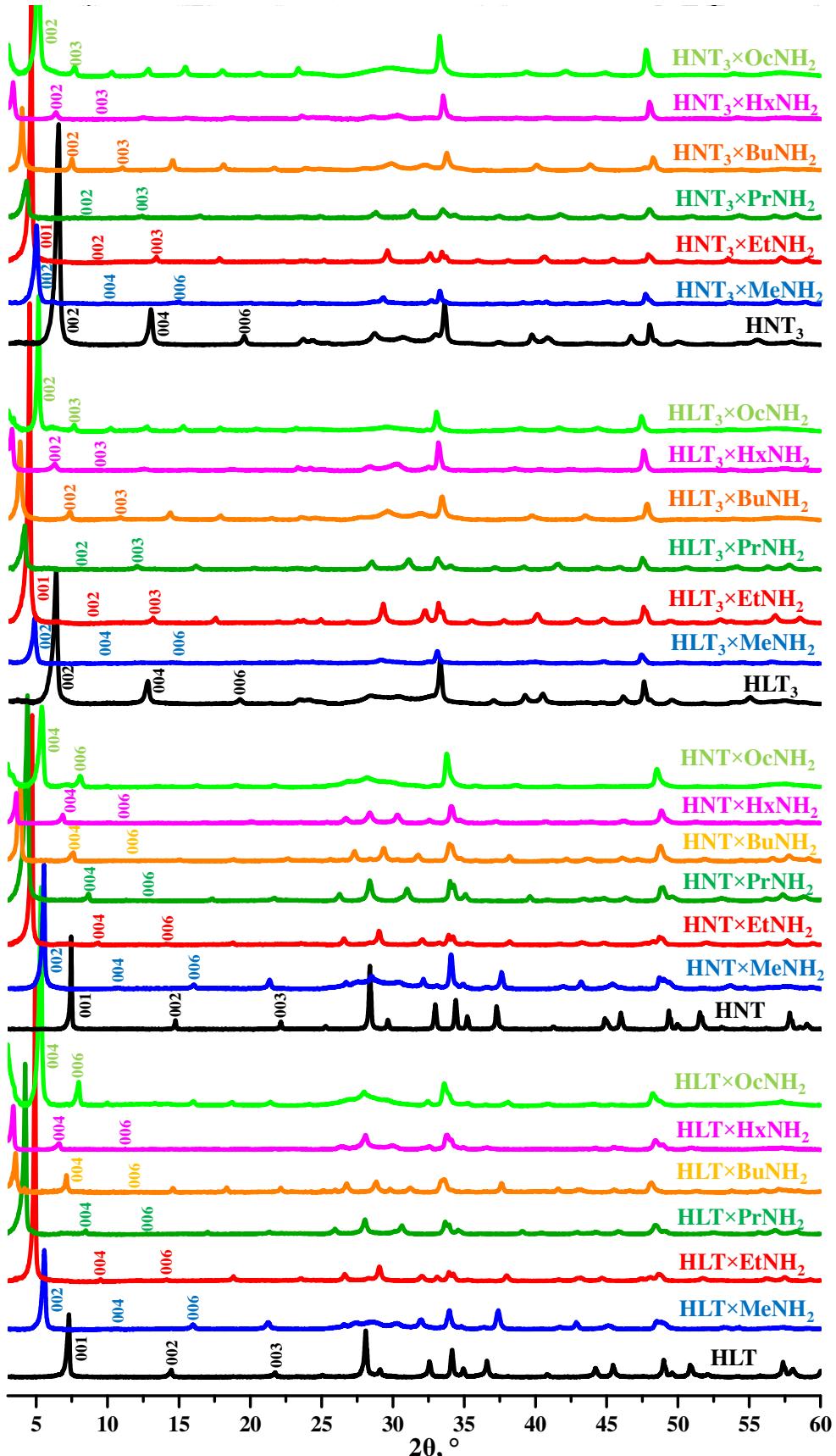
## **Supplementary Materials**

# **Highly Efficient Liquid-Phase Exfoliation of Layered Perovskite-like Titanates $\text{HLnTiO}_4$ and $\text{H}_2\text{Ln}_2\text{Ti}_3\text{O}_{10}$ ( $\text{Ln} = \text{La, Nd}$ ) into Nanosheets**

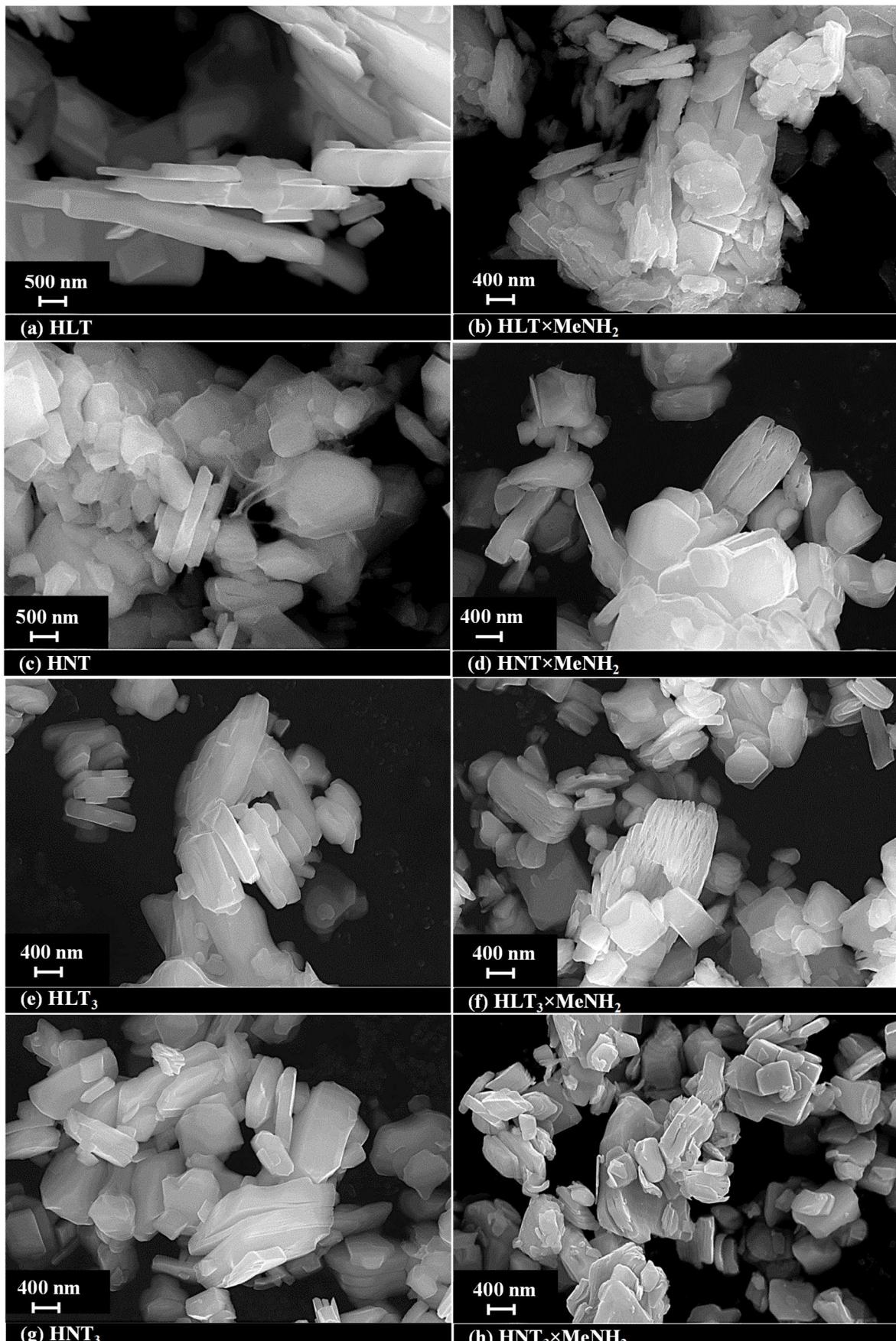
**Sergei A. Kurnosenko, Iana A. Minich, Oleg I. Silyukov \* and Irina A. Zvereva**

Department of Chemical Thermodynamics and Kinetics, Institute of Chemistry, Saint Petersburg State University, 199034 Saint Petersburg, Russia; st040572@student.spbu.ru (S.A.K.); yana.minich@spbu.ru (I.A.M.); irina.zvereva@spbu.ru (I.A.Z.)

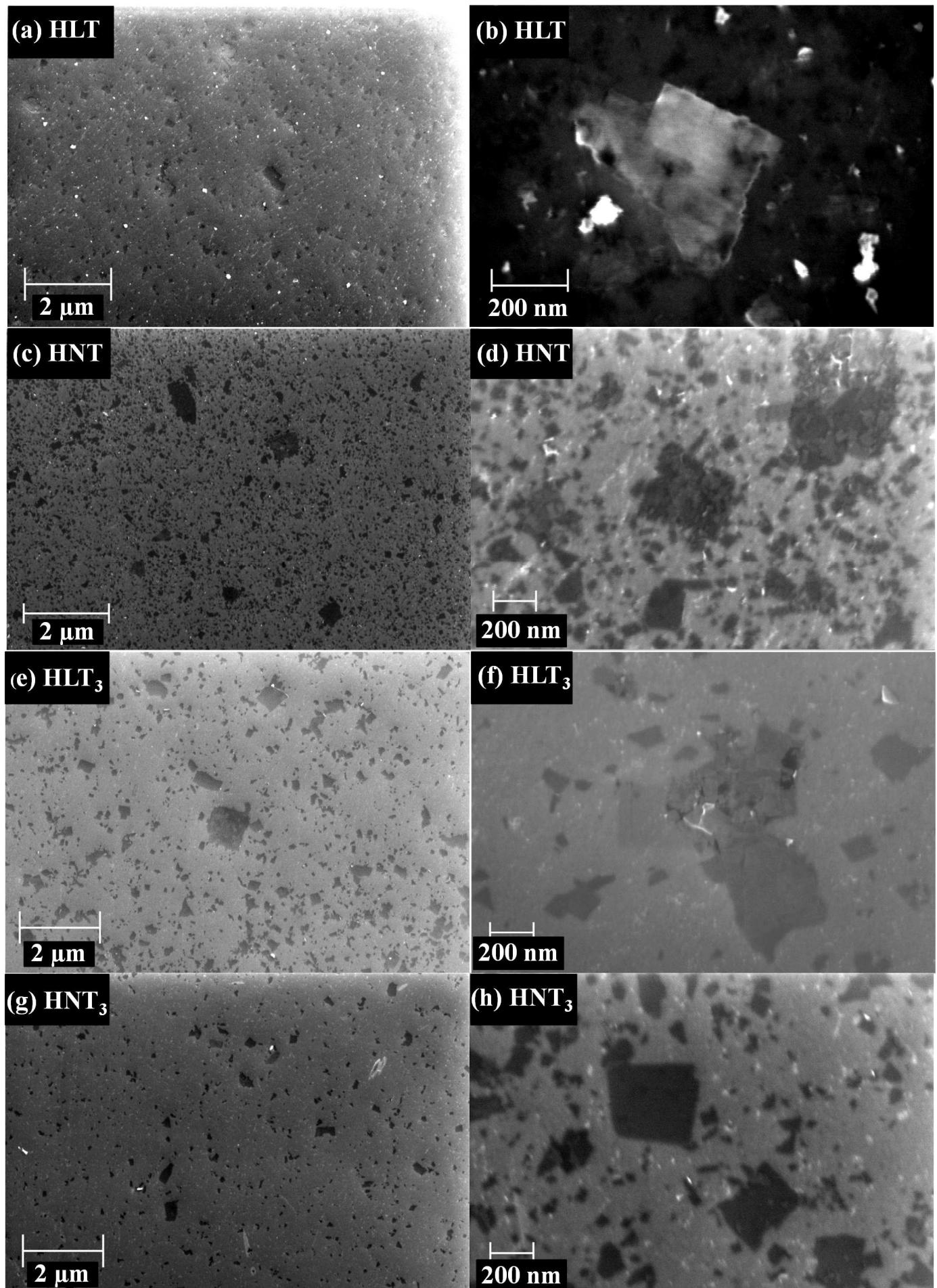
\* Correspondence: oleg.silyukov@spbu.ru



**Figure S1.** Powder XRD patterns of the protonated titanates and their *n*-alkylamine derivatives.



**Figure S2.** SEM images of the protonated and methylamine-intercalated titanates: HLT (a, b), HNT (c, d),  $\text{HTL}_3$  (e, f) and  $\text{HNT}_3$  (g, h).



**Figure S3.** SEM images of HLT (a, b), HNT (c, d),  $\text{HLT}_3$  (e, f) and  $\text{HNT}_3$  (g, h) nanosheets on silicon substrates.

