Electronic supplementary information

for

Improving the stability of titania nanosheets by functionalization with polyelectrolytes

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Figure S1. Length (a), width (b) and thickness (c) distribution of the TNS before and after alkali treatment measured by TEM.
**Figure S2.** Determination of the point of zero charge (PZC) of the TNS from the pH dependence of the electrophoretic mobilities.
**Figure S3.** Electrokinetic potentials as a function of the ionic strengths for the bare and polymer coated TNS materials. The solid lines show the calculations to determine the surface charge densities using the Debye-Hückel model.