

Errata

Publication II

The degree signs “°C” should have been used in Fig. 3 and Fig. 4. In Fig. 7c, “repeatedily” should be replaced by “repeatedly”. Equation 8 should be written as “ $TiO_2 + 4H^+ + 6Cl^- \rightarrow [TiCl_6]^{2-} + 2H_2O$ ”.

Publication IV

The caption of Figure 6b should be, “*amorphous nanotubes (TNT_{Amor}) with different surface roughness factors; symbols show the experimental thermal conductivity of the studied titania nanotubes and the solid lines indicate the calculated thermal conductivities by using Eq. 7*”. Eq. 6 is replaced by Eq. 7.