

Hydrogen spillover in the platinum–hydrous tin dioxide system

Andrei V. Arsatov,* Lyudmila S. Leonova, Aleksandr E. Ukshe, Yuri A. Dobrovolsky and Evgenii A. Astaf'ev

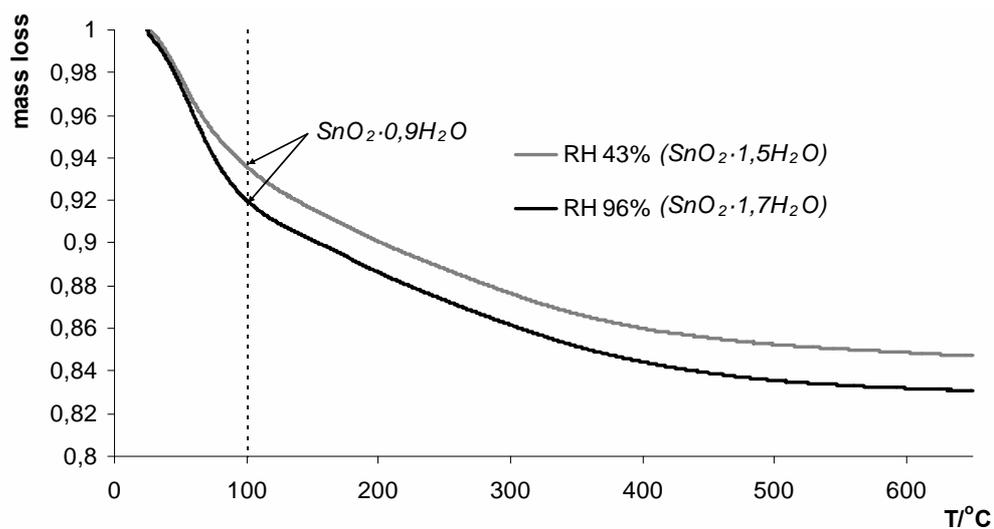


Figure S1 TG curves of HTD (43 and 96% RH). Rate of heating $10^\circ/\text{min.}$, rate of argon flow $20 \text{ cm}^3 \text{ min}^{-1}$.

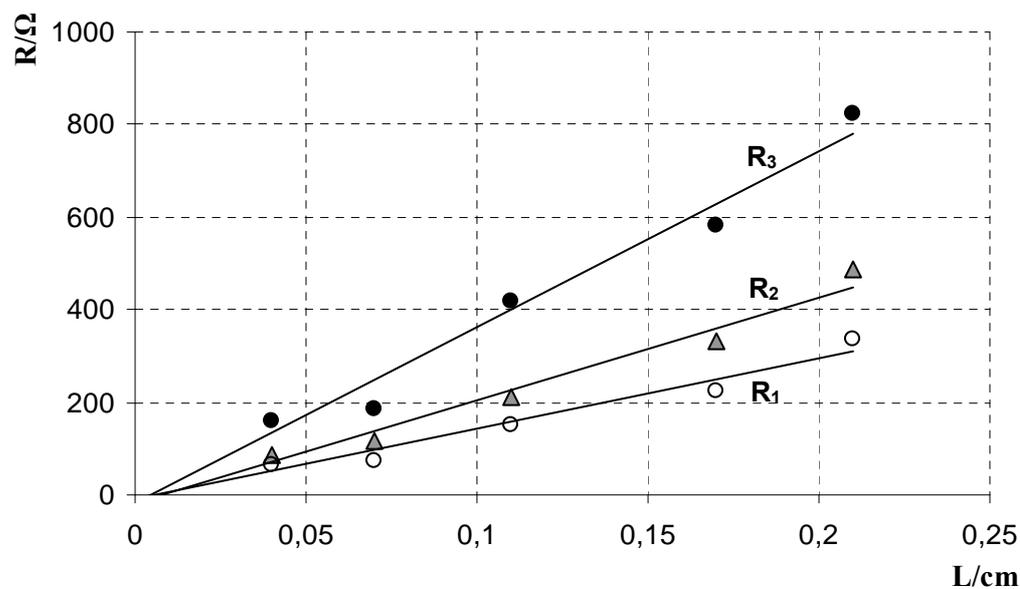


Figure S2 Relationships between the intersection points of the arcs with the real axis (cut-offs R_1 , R_2 , R_3) and the thickness of the sample.

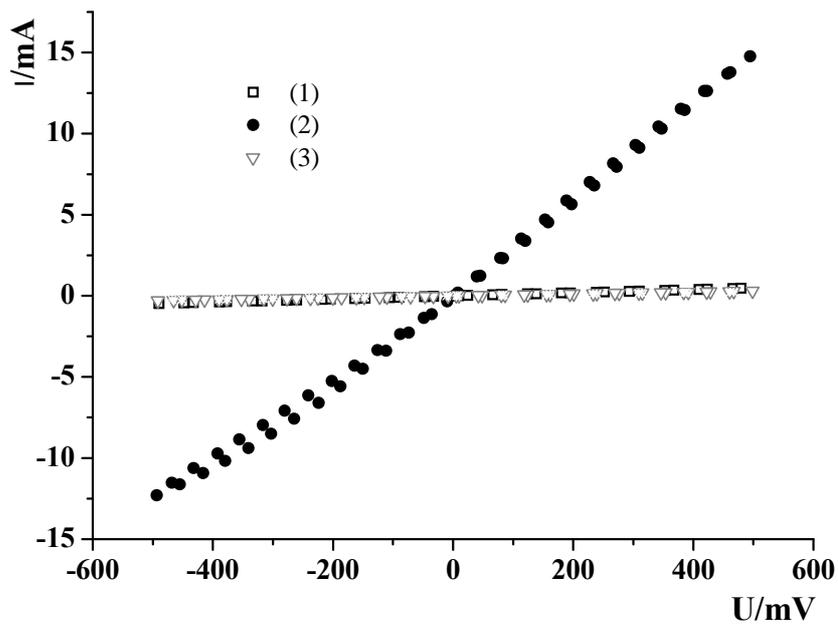


Figure S3 Current–voltage characteristics of the fully dry sample SnO₂ (water content less than 0.5%): (1) In the hydrogen–air atmosphere (1:1), Ti-electrodes; (2) In the hydrogen–air atmosphere (1:1), Pt-electrodes; (3) In the air atmosphere (1:1), Pt-electrodes.