

SUPPORTING INFORMATION

Strong metal-support interaction improves activity and stability of Pt electrocatalysts on doped metal oxides

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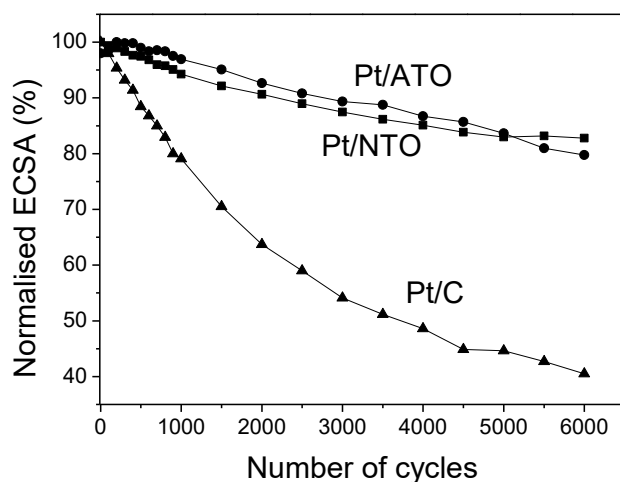


Figure SI1. ECSA variation as a function of number of electrochemical cycles for the prepared electrocatalysts.

Chronoamperometry measurements were carried out to investigate the stability of the catalyst support at different potential values for a total duration of 4 hours (Figure SI.1), showing an excellent electrochemical stability up to 2.0 V/RHE. In addition, ICP-MS measurements of the electrolyte solution after this electrochemical test were performed demonstrating a negligible Sb loss (0.06 %_{at} Sb from 10 %_{at} ATO).

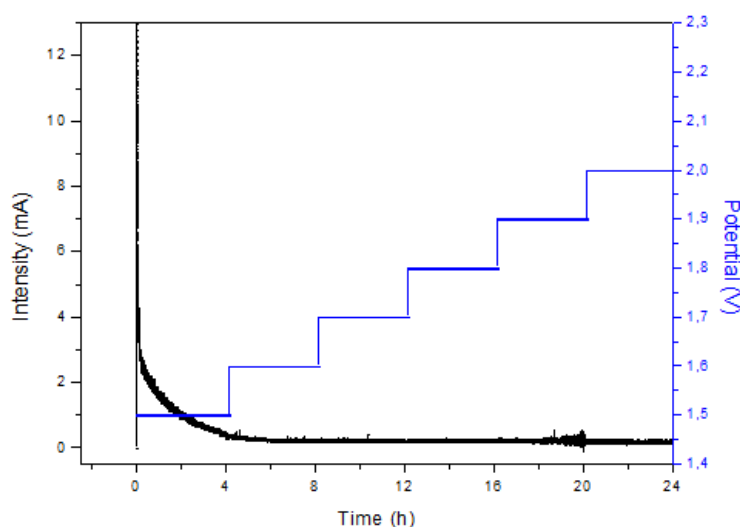


Figure S12. Chronoamperometry measurements on ATO from 1.5 to 2.0 V/RHE in 0.5 M H₂SO₄ at 80 °C.