Consequences Of Solid Electrolyte Interphase (SEI) Formation Upon Ageing On Charge Transfer Processes In Dye-sensitized Solar Cells

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Supporting Information

Fig. S1: Nyquist plot of impedance spectra recorded at different bias voltage in dark before (blue curves) and after 500 hours ageing at 85°C in dark (red curves)

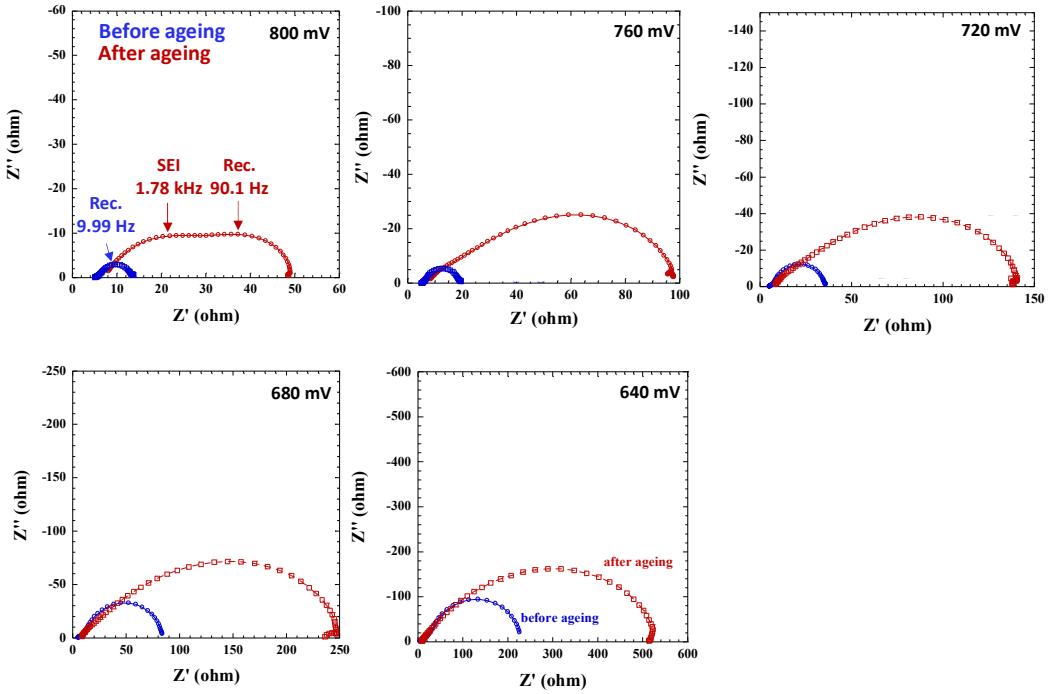
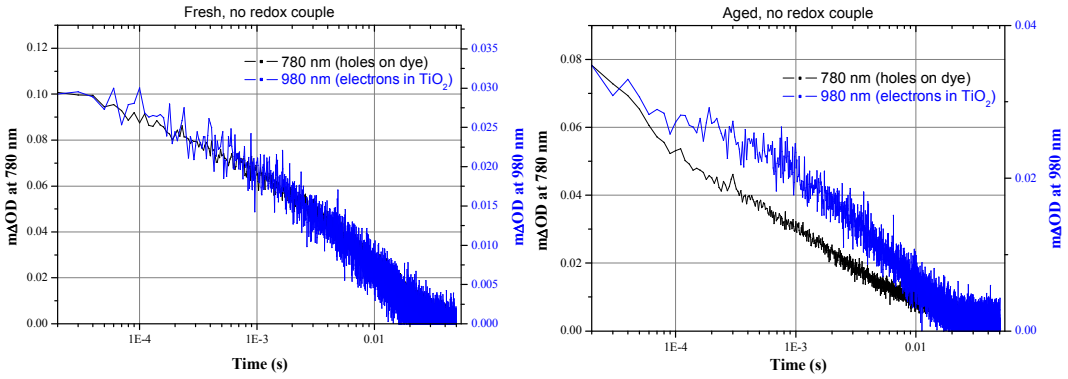
Fig. S2: Transient absorption decays probed at 780 nm (dye cation) and 980 nm (electron in TiO_2) with a redox-free electrolyte for (a) a fresh device and (b) a photo-anode aged for 500 hours at 85°C in dark. Pump wavelength and fluence used for these measurements were 530 nm and 100 $\mu J.cm^{-2}$ per pulse.