

Supporting Information

Photo-doping of plasma-deposited polyaniline (PAni)

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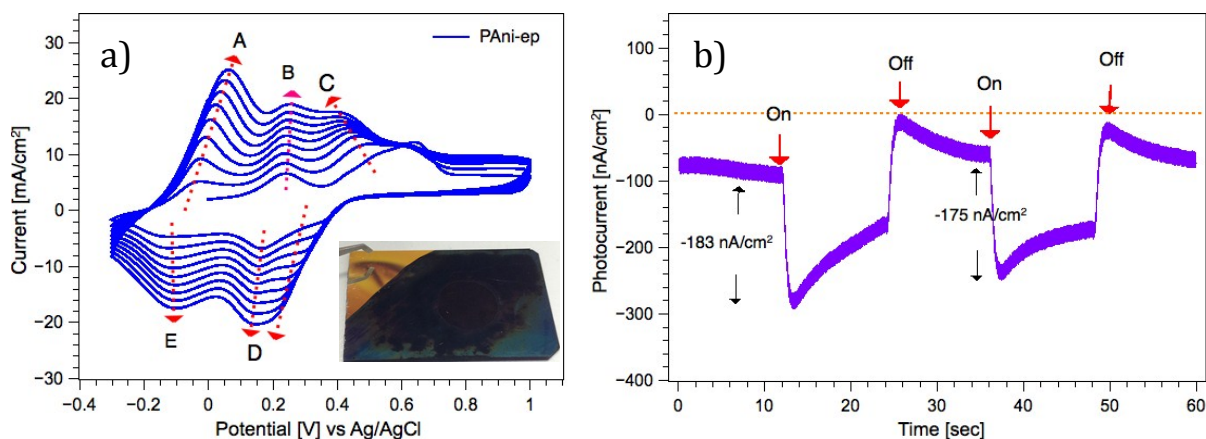


Figure S 1: a) Cyclic voltammogram of the electropolymerisation of aniline (0.02 molar) in a 0.5 M H₂SO₄ solution. The solution was swept (10 scans, 1st scan not shown) at a scan rate of 100 mV/s between -0.3 and +1.0 V vs. Ag|AgCl (3M KCl); inset shows a photographic picture of the electropolymerised PAni (PAni-ep) film grown on a gold substrate; b) photocurrent response of PAni-ep in 0.1M PBS solution recorded at the OCP.