

Additions and Corrections

An Electrochemical and XPS Study of Reduction of Nitrophenyl Films Covalently Grafted to Planar Carbon Surfaces

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In the published article, there are several mistakes in Table 1. The correct Table is shown below.

Table 1. Charge and Surface Concentration Data Obtained from Cyclic Voltammograms of NP Films Reduced Using Different Conditions

reduction method	measured charge (C cm ⁻²)			calculated charge (IV) ^c for formation of AP (C cm ⁻²)	surface concentration (mol cm ⁻²)		
	NP reduction (I) ^a	AP oxidation(II) ^b	APOH oxidation(III) ^b		AP ^d	APOH ^d	NP ^e
H ₂ SO ₄	1.0×10^{-3}	3.4×10^{-4}	1.3×10^{-4}	7.4×10^{-4}	1.3×10^{-9}	6.5×10^{-10}	2.0×10^{-9}
EtOH/H ₂ O	1.2×10^{-3}	2.4×10^{-4}	1.4×10^{-4}	9.2×10^{-4}	1.6×10^{-9}	7.3×10^{-10}	2.3×10^{-9}
BA/ACN	9.6×10^{-4}	3.6×10^{-4}	1.1×10^{-4}	7.4×10^{-4}	1.3×10^{-9}	5.8×10^{-10}	1.9×10^{-9}
Na ₂ S		3.2×10^{-4}	3.8×10^{-5}			2.0×10^{-10}	

^a Determined from the first reduction scan of the NP film. ^b After reduction of the NP film as described in the Experimental Section. ^c Calculated as charge I – (2 × III). ^d Calculated from charges IV (AP) and III (APOH), assuming that the APOH groups undergo a two-electron oxidation. ^e Calculated as the sum of surface concentrations of AP and APOH.

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