



Cite this: *Chem. Sci.*, 2019, 10, 5641

DOI: 10.1039/c9sc90101a

www.rsc.org/chemicalscience

## Correction: Gold–carbonyl group interactions in the electrochemistry of anthraquinone thiols self-assembled on Au(111)-surfaces

Michal Wagner,\* Katrine Qvortrup, Katja E. Grier, Mikkel R. Ottosen, Jonas O. Petersen, David Tanner, Jens Ulstrup and Jingdong Zhang

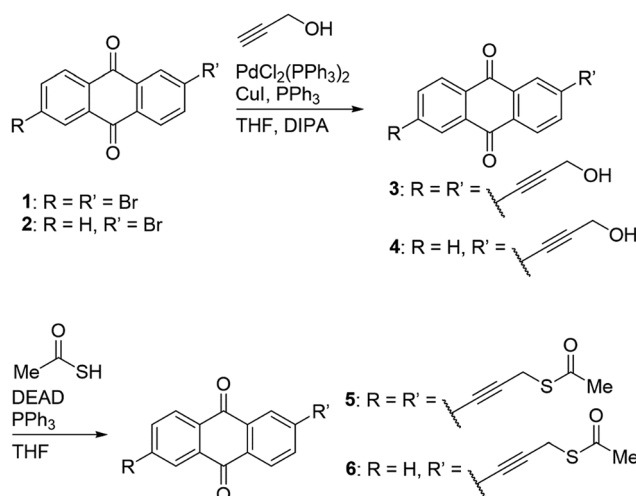
Correction for 'Gold–carbonyl group interactions in the electrochemistry of anthraquinone thiols self-assembled on Au(111)-surfaces' by Michal Wagner *et al.*, *Chem. Sci.*, 2019, 10, 3927–3936.

The authors regret that Scheme 1 is incorrect in the original manuscript. The correct scheme is displayed below.

Additionally, there were errors in the equation notations in the captions of Fig. 7 and 8. The correct figure captions are given below.

Fig. 7 Tafel plots for AQ1- (A) and AQ2-SAMs (B), from CV (up to 20 V s<sup>-1</sup> scan rate) at pH 4.5. The fitting at low overpotentials is based on eqn (3) and (4) (BV), and the estimation of the reorganization energy is based on fitting of eqn (5) at higher overpotentials (BV\*).

Fig. 8 The dependence of normalized transition probability (with respect to  $\eta = 0$  V) and the Fermi function on the electronic energy (A), together with calculated normalized  $i/\eta$  relationship (B), for selected  $\lambda$ -values. The transition probability was calculated using eqn (8), and the  $i/\eta$  relationships using a reformulation of eqn (6) (eqn (S2)†).



Scheme 1 The reactions and resultant chemical structures of AQ2 (5) and AQ1 (6) compounds.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

