Electronic Supplementary Material (ESI) for Materials Horizons.

Supplementary Information

Aqueous photo(electro)catalysis with eumelanin thin films

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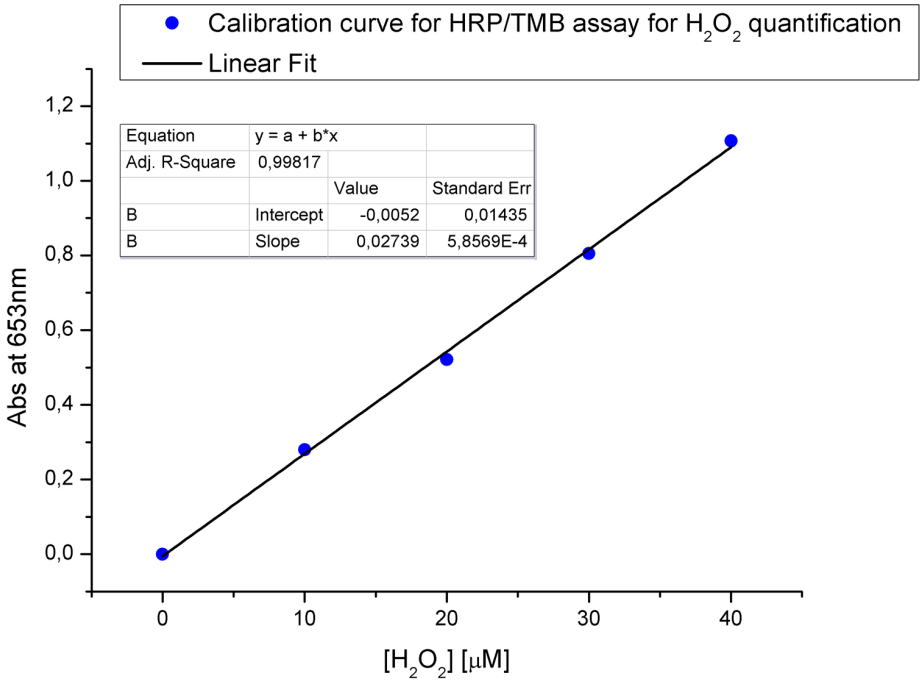

Fig. S1. Example calibration curve for the horseradish peroxidase/tetramethyl benzidine peroxide assay.

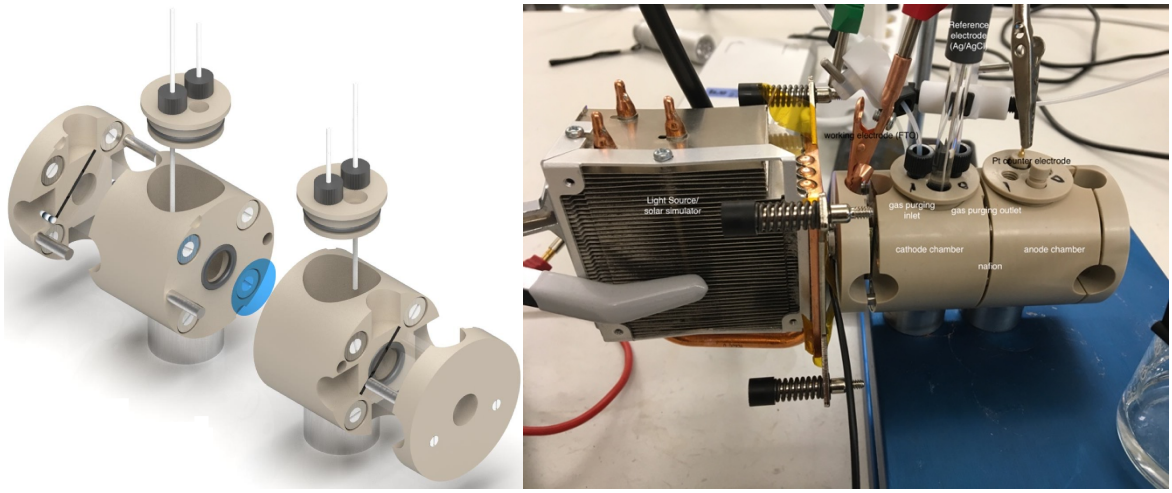

Fig. S2. Photoelectrochemical H-cell measurement configuration with Eumelanin modified FTO as the working electrode. Aqueous electrolytes in the pH range 1-7 were used, purged with either O_2 or Ar.

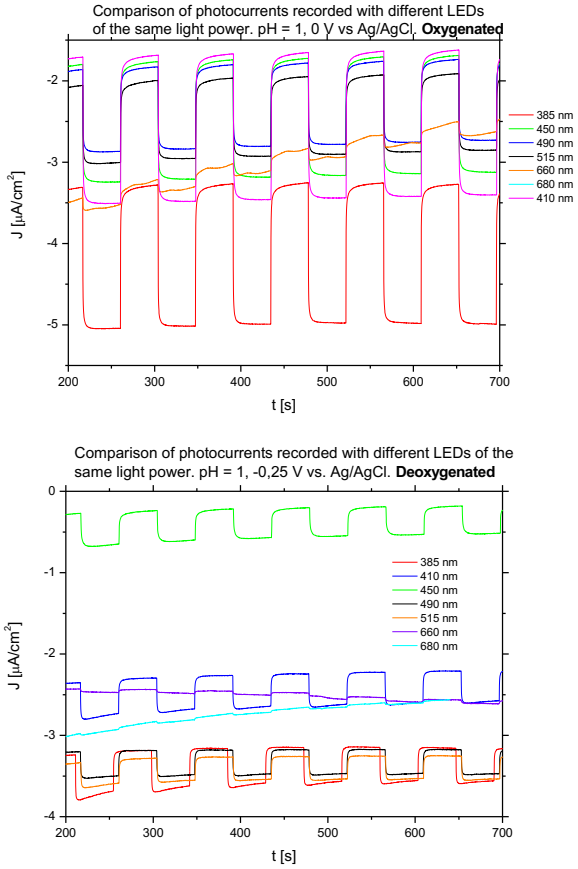

Fig. S3. Chronoamperometric photocurrents used to construct the photocurrent action spectra Fig. 3c and 4b. in Oxygenated system (top). Deoxygenated system (bottom).