Supporting Information for

Improved Photoelectrochemical Water Oxidation Kinetics Using TiO$_2$ Nanorod Arrays Photoanode Decorated with Graphene Oxide in a Neutral pH Solution

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Supplementary Figures

Figure S1. Raman spectrum of the prepared graphene oxide. D and G indicate D band and G band of graphene oxide.
Figure S2. TEM image of the synthesized graphene oxide.
Figure S3. XRD pattern of bare TiO$_2$, 2 wt% GO coated TiO$_2$, and 5 wt% GO coated TiO$_2$ nanorod on FTO glass.
Scheme S1. Proposed water oxidation mechanisms showing the involving chemical species (a) in a basic, and (b) in a neutral pH electrolyte adapted by the previous reports\textsuperscript{1,2}.

Reference