

Using BiVO_4/CuO -based photoelectrocatalyzer for 4-nitrophenol degradation

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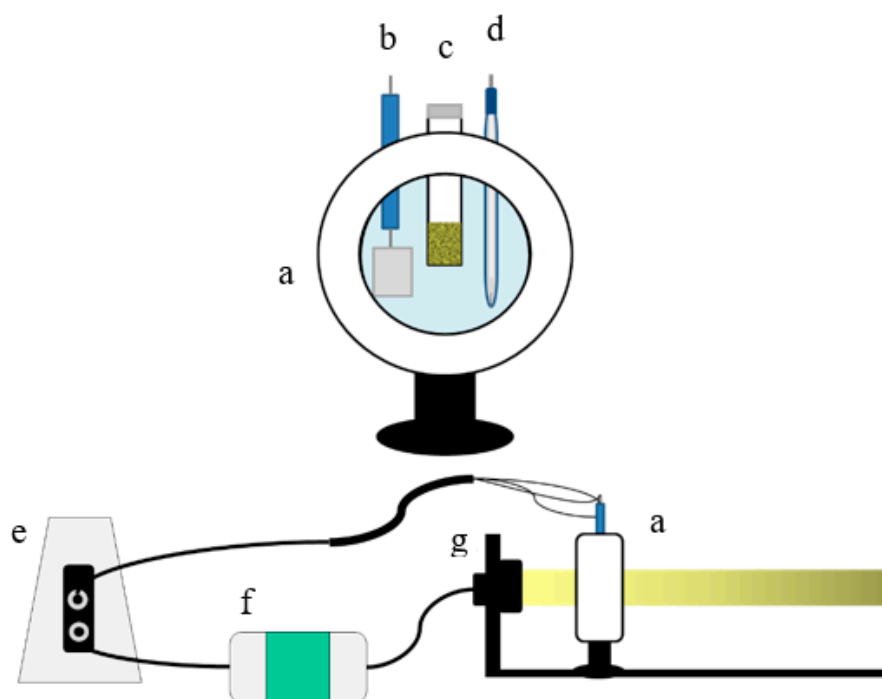


Figure S1. Electrochemical cell and Led driver kit used to perform photoelectrochemical characterization of BiVO_4/CuO . (a) Electrochemical cell with quartz window; (b) Counter electrode (platinum foil); (c) Working electrode ($\text{FTO}/\text{BiVO}_4/\text{CuO}$); (d) Reference electrode (Ag/AgCl , KCl $3 \text{ mol}\cdot\text{L}^{-1}$); (e) Potenciostat; (f) Led driver and (g) White led ($\lambda > 410 \text{ nm}$, 44 W).

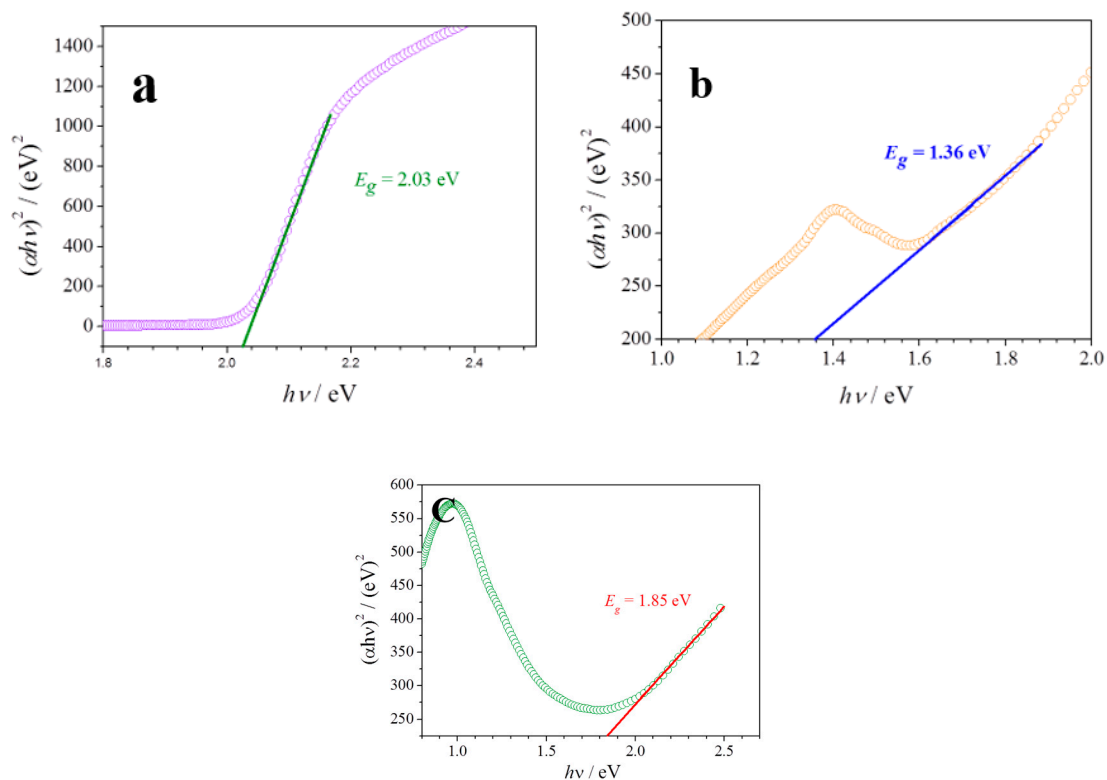


Figure S2. Tauc plots obtained from DRS data of (a) BiVO_4 (b) BiVO_4/CuO and (c) CuO .

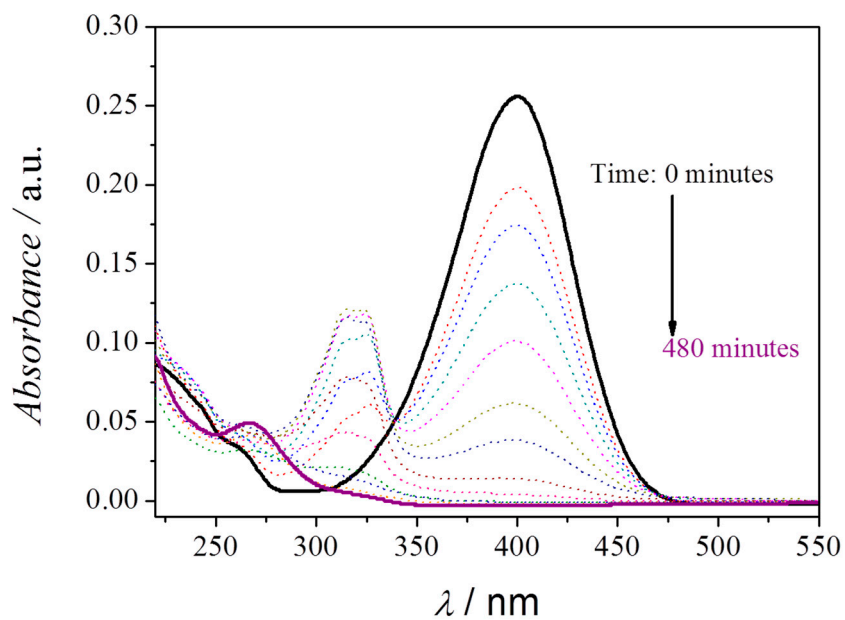


Figure S3. Absorbance spectra of 4-nitrophenol obtained during their degradation.

