Supplementary video

## Breakthrough in Large Area Photoanode Fabrication Process: High Concentration Precursor Solution with Solvent Mix and One Step Spin Coating for High PEC Performance of BiVO<sub>4</sub>

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Video S1. Hydrogen generation video of assembled PEC-PV system (576 cm<sup>2</sup>) containing 4 pieces of NiFeOOH/BVO (144 cm<sup>2</sup>) photoanode.