

Supporting Information

Size Dependent Plasmonic Effect on BiVO₄ Photoanodes for Solar Water Splitting

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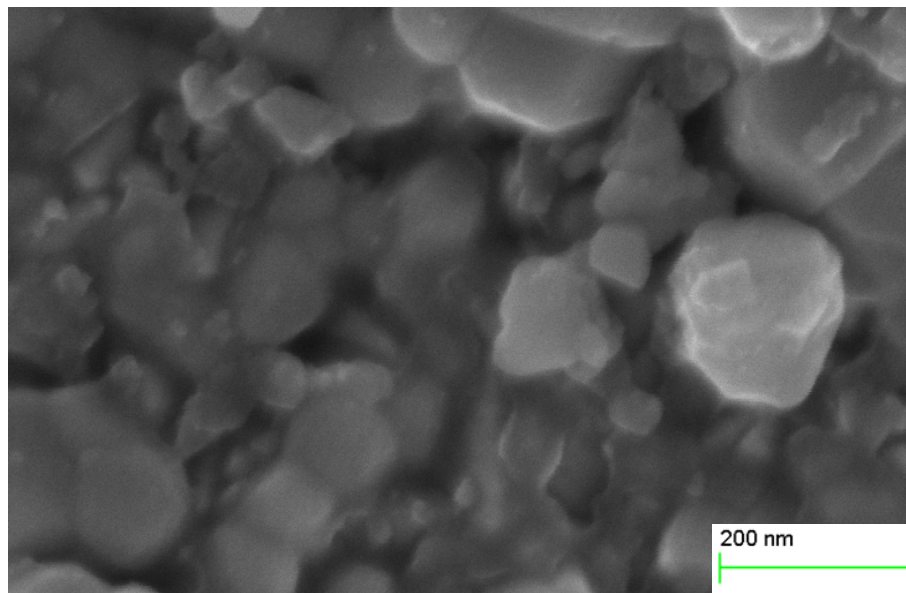


Figure S1. SEM image of BiVO₄ film under higher magnification.

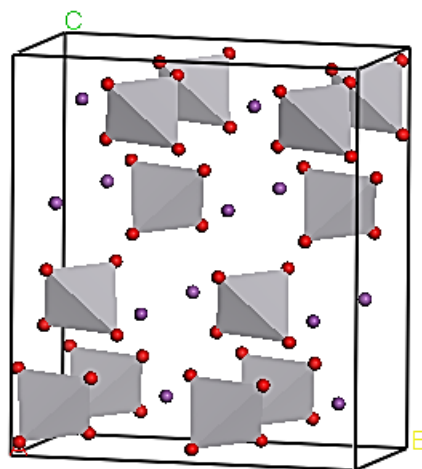


Figure S2. Crystal structure of BiVO₄, purple ball represents Bi and red ball is O.

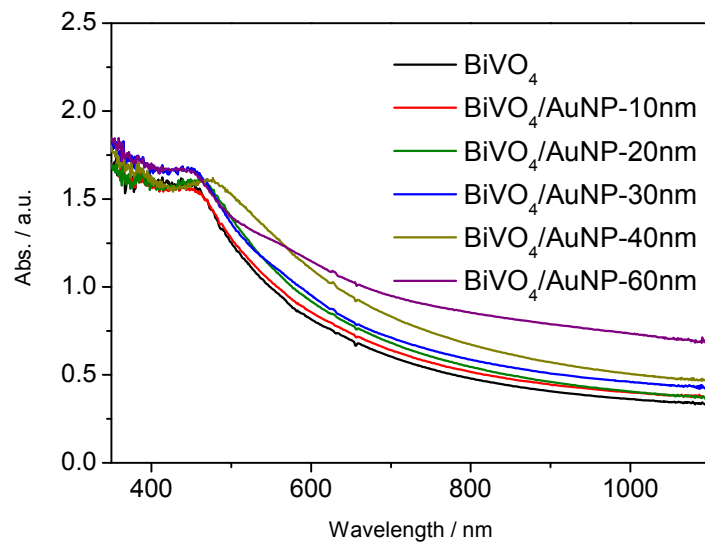


Figure S3. Extinction spectra of $\text{BiVO}_4/\text{AuNPs}$ photoanodes.

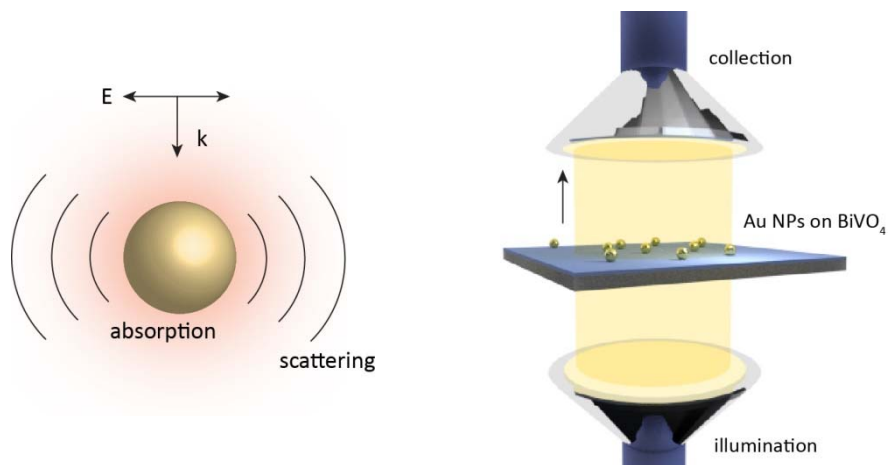


Figure S4. A schematic drawing of the difference between the absorption and scattering efficiency of the AuNP (in Figure 5a and 7b) as well as the extinction measurement of $\text{BiVO}_4/\text{AuNP}$ (in Figure S3).

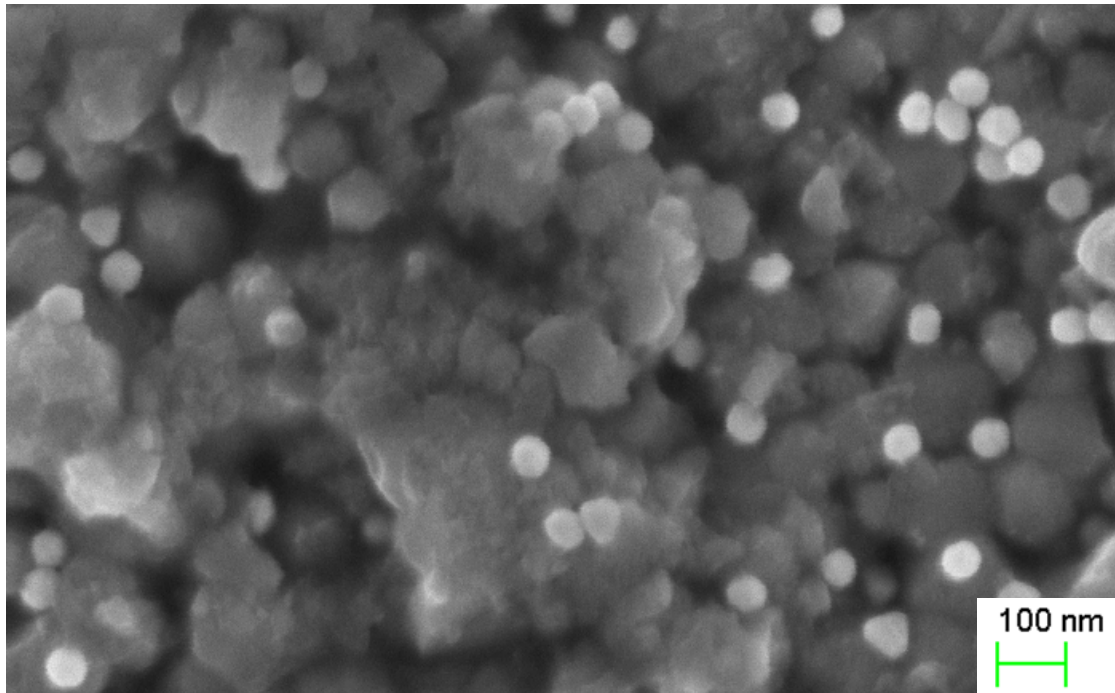


Figure S5. SEM image of BiVO₄/AuNP film under higher magnification.