

Supplementary Information

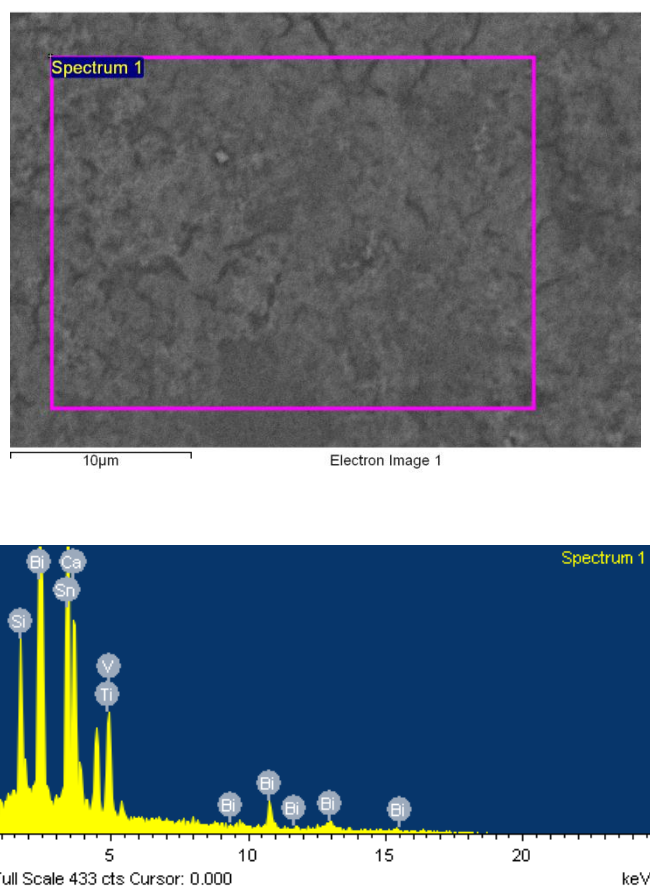
Enhanced photoelectrochemical water splitting by nanostructured BiVO₄-TiO₂ composite electrodes

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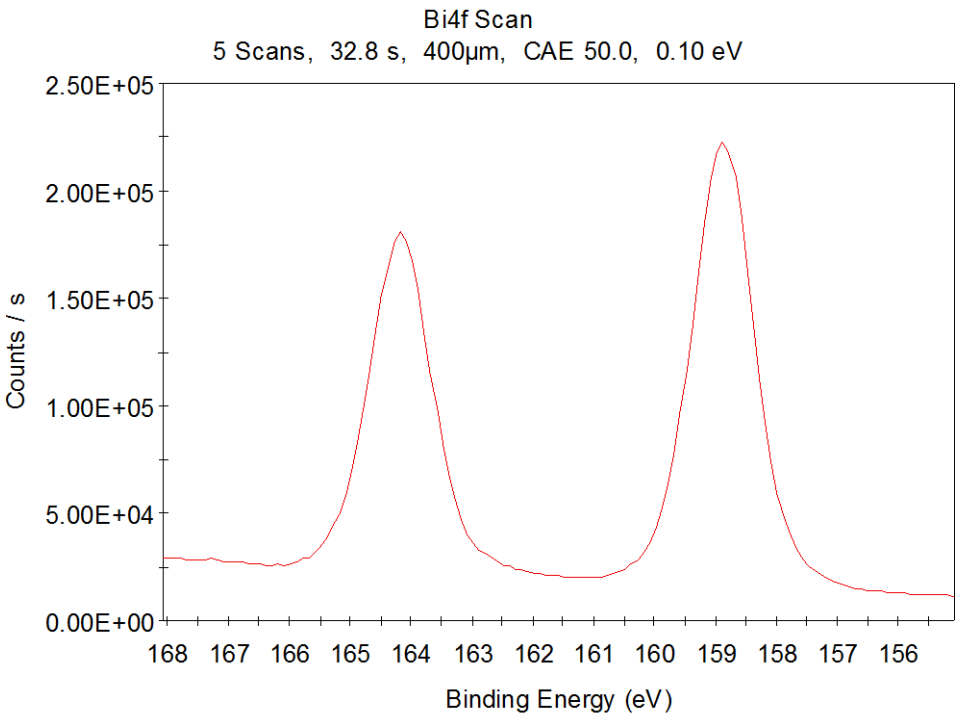
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Figure S1: EDX results for BiVO₄-TiO₂ composite



Element	Weight %	Atomic %
C K	11.55	32.14
O K	21.14	44.17
Si K	3.30	3.92
Ca K	1.13	0.94
Ti K	4.71	3.29
V K	5.37	3.53
Sn L	29.30	8.25
Bi M	23.49	3.76
Totals	100.00	

Figure S2: XPS Results for BiVO₄-TiO₂ composite



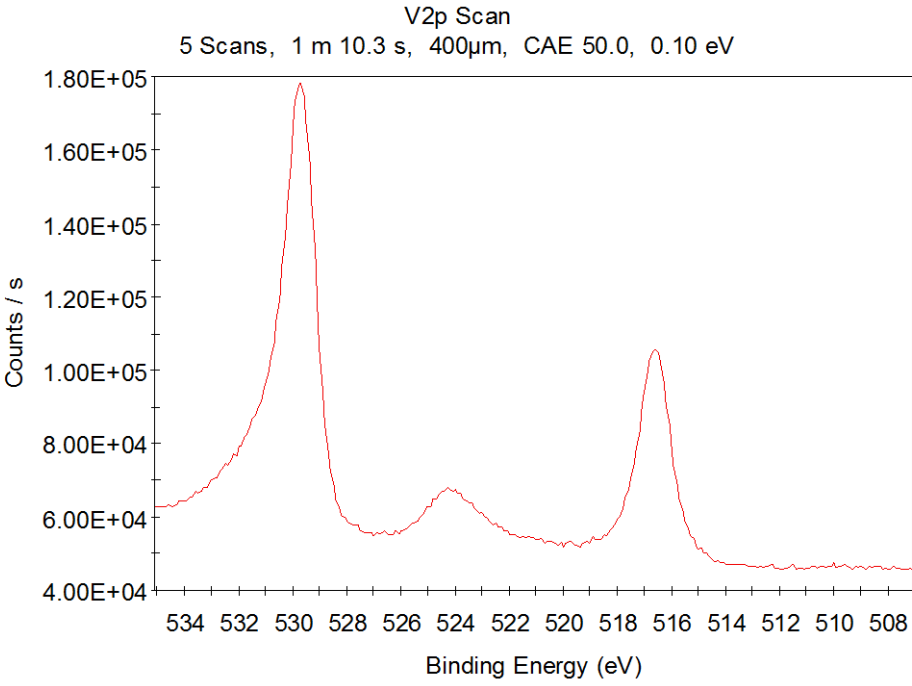
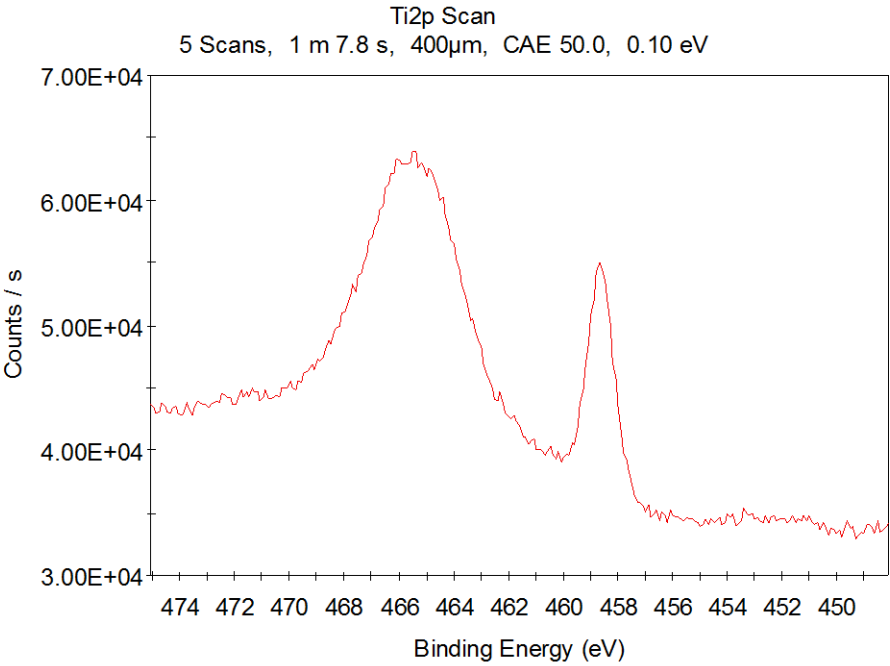
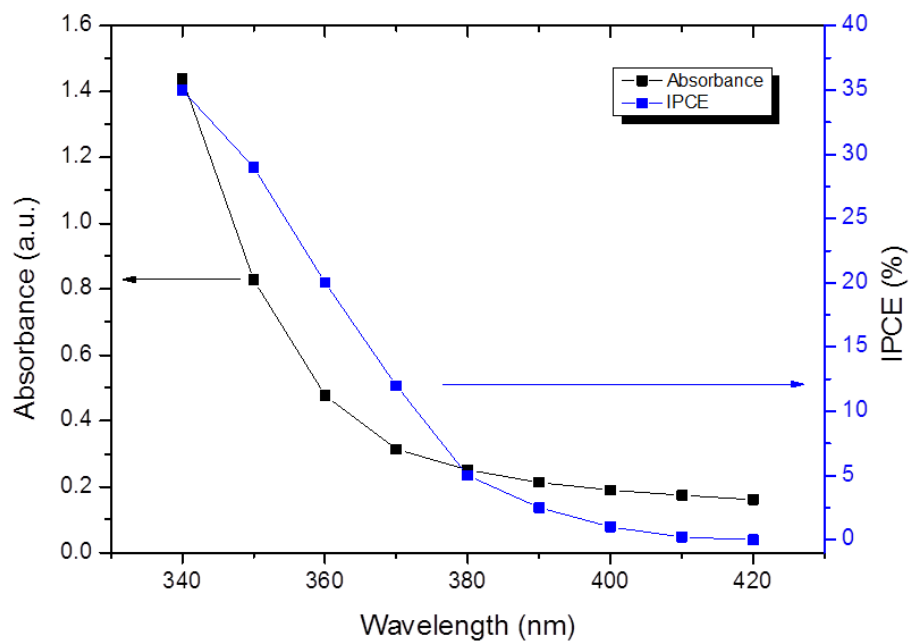


Figure S3: Absorption-IPCE profile for anatase TiO₂ electrode



References

1. K. Sayama, A. Nomura, T. Arai, T. Sugita, R. Abe, M. Yanagida, T. Oi, Y. Iwasaki, Y. Abe, and H. Sugihara, *The Journal of Physical Chemistry B*, 2006, **110**, 11352–11360.
2. E. Obuchi, K. Yamamoto, and K. Nakano, *KAGAKU KOGAKU RONBUNSHU*, 1995, **21**, 1075–1081.