



Corrigendum

Corrigendum to “Improvement of the photocatalytic hydrogen evolution activity of  $\text{Sm}_2\text{Ti}_2\text{S}_2\text{O}_5$  under visible light by metal ion additives” [J. Catal. 280 (2011) 1–7]

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The authors have detected some errors in this article that should be corrected. The errors detected are described below:

The rate of incident photon at 440 nm reported in *J. Catal.* 280 (2010) 1–7 (as well as in *Chem. Commun.* 46 (2010) 7313–7315) was underestimated, and is now revised from  $1.71 \times 10^{20}$  to  $5.81 \times 10^{20}$  photons  $\text{h}^{-1}$ . Consequently, the apparent quantum efficiency of  $\text{H}_2$  evolution under 440 nm irradiation given in this paper should be corrected from 5.8% to 1.7%. The cause of this

underestimation is our calculation process in which the spectral profile of 440 nm light as a function of wavelength is integrated to convert the number of incident photons. We wrongly integrated the spectral data, which was acquired using a spectroradiometer (EKO, LS-100), with an integration step of 1 nm, even though the actual step was 3 nm. We apologize for this mistake, and would like to report here the corrected value.

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