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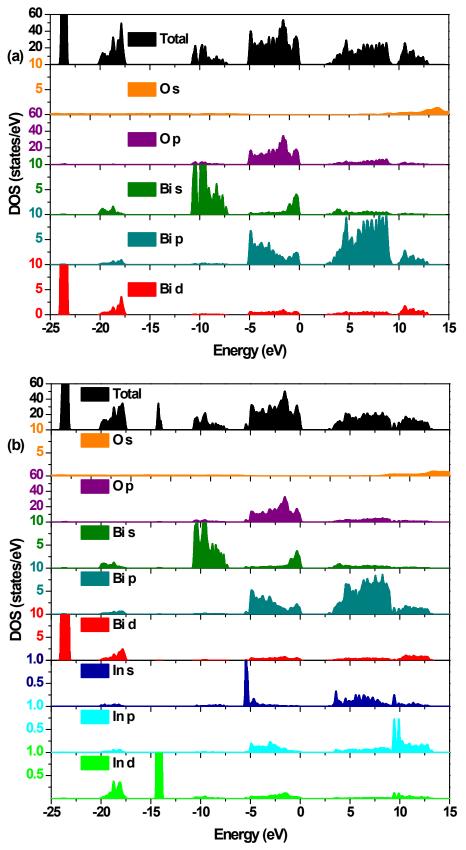


Fig. s1Total density of states (TDOS) and partial density of states (PDOS) of β -Bi₂O₃ (a) and In-doped β -Bi₂O₃ (b).

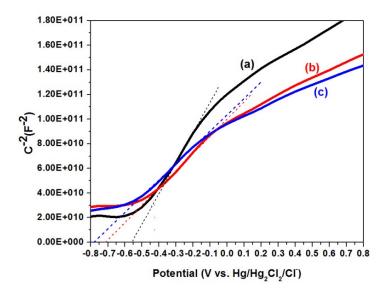


Fig. s2 Mott -Schottky plots for β -Bi₂O₃ (a) and 1.0 at% In-doped β -Bi₂O₃ electrodes in the dark (b) and 1.0 at% In-doped β -Bi₂O₃ electrode under light irradiation(c).

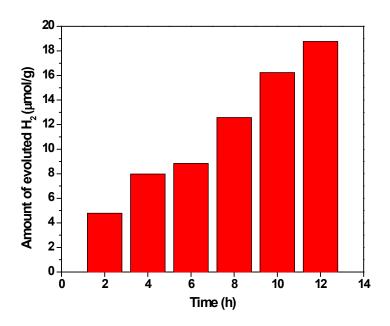


Fig. s3 Photocatalytic hydrogen release by 1.0 at% In-doped β -Bi₂O₃ with increasing the irradiation time. The distance between the sample and lamp is shortened in comparison with that in Fig.7