Electronic Supplementary Information

Poly(3,4-ethylenedioxythiophene)/germanium organic-inorganic hybrid thin films: substrate-induced synthesis, enhanced photoelectrochemical and photocatalytic properties

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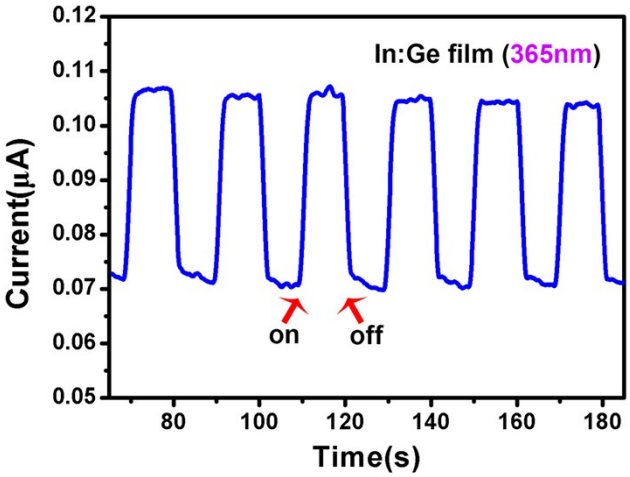

Figure S1. Transient photocurrent of Ge films under irradiation (365 nm). Bias voltage: -0.5V.

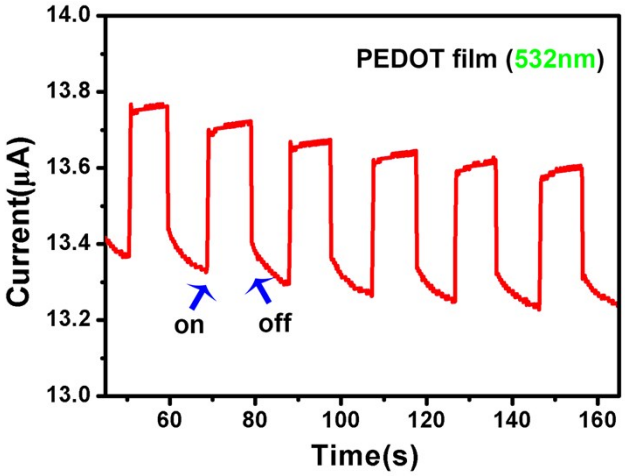

Figure S2. Transient photocurrent of PEDOT films under irradiation (532 nm). Bias voltage: -0.5V.

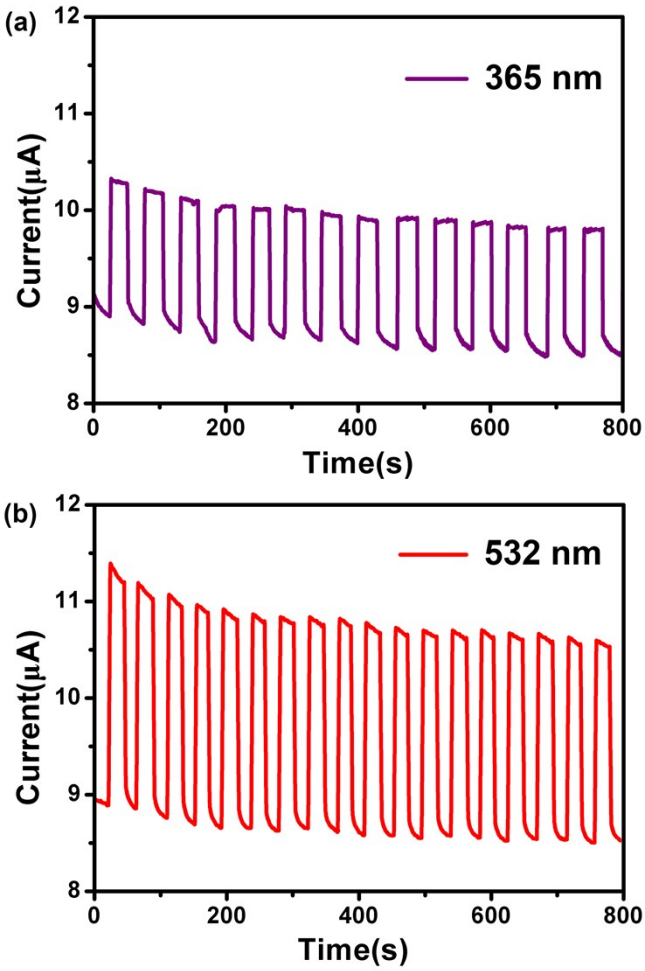

Figure S3. Photocurrent response of the PEDOT/Ge hybrid film under several on/off irradiation cycles for 800 s. (a) 365nm. (b) 532nm. Bias voltage: -0.5V.

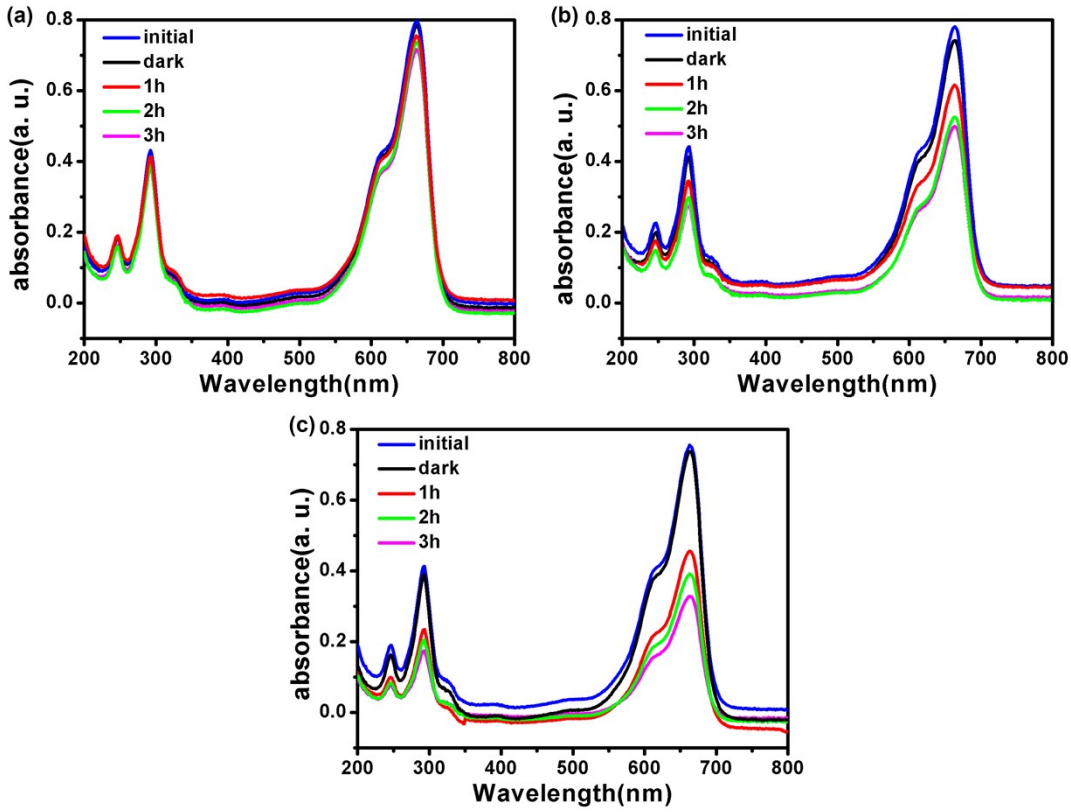

Figure S4. UV-vis absorption spectra of MB dyes by photocatalysis for different irradiation times under irradiation: (a) Ge film, (b) PEDOT film, (c) PEDOT/Ge hybrid film.