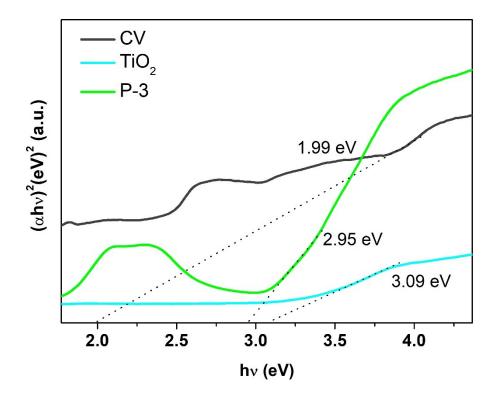
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**Figure S1.** The converted Tauc plot of  $(\alpha h\nu)_2$  versus photon energy  $(h\nu)$  of CV, TiO<sub>2</sub> and P-3 photocatalysts.

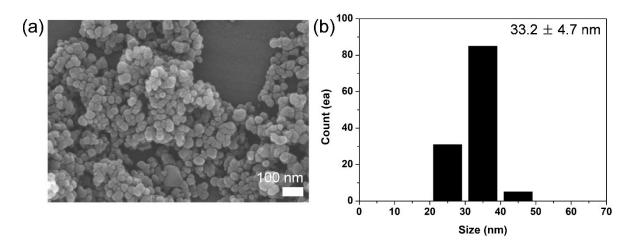


Figure S2. (a) SEM image and (b) the corresponding size-distributions of the P-3 photocatalyst.