

SUPPLEMENTARY MATERIAL TO

**The synthesis of transparent TiO₂ photoelectrodes assisted by rheological agent
(Triton X-100, PVP and F-127) for dye sensitized solar cells.**

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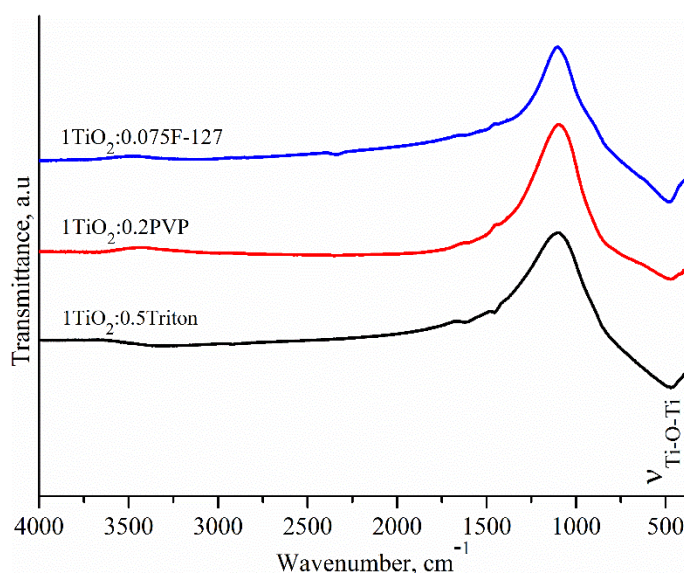


Fig. S-1. Infrared spectra of the TiO₂ powders in the presence of Triton (a), PVP (b) and F-127 (c) at 500° C for 60 minutes.

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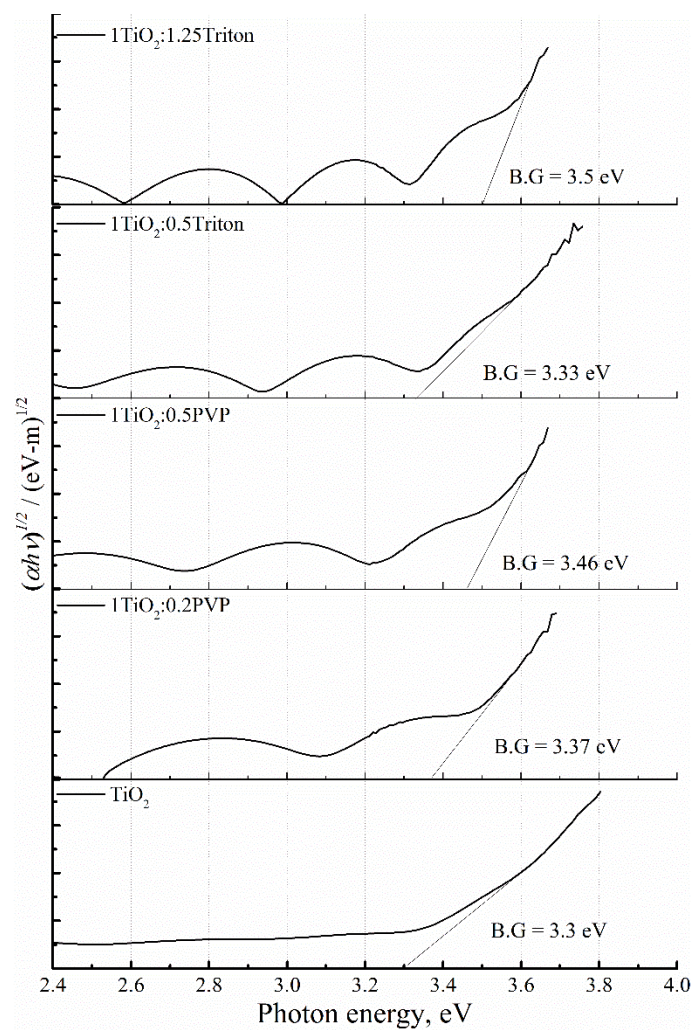


Fig.S-2. $(\alpha h\nu)^{0.5}$ versus photon energy ($h\nu$) for indirect band gap of Triton and PVP assisted TiO_2 films.

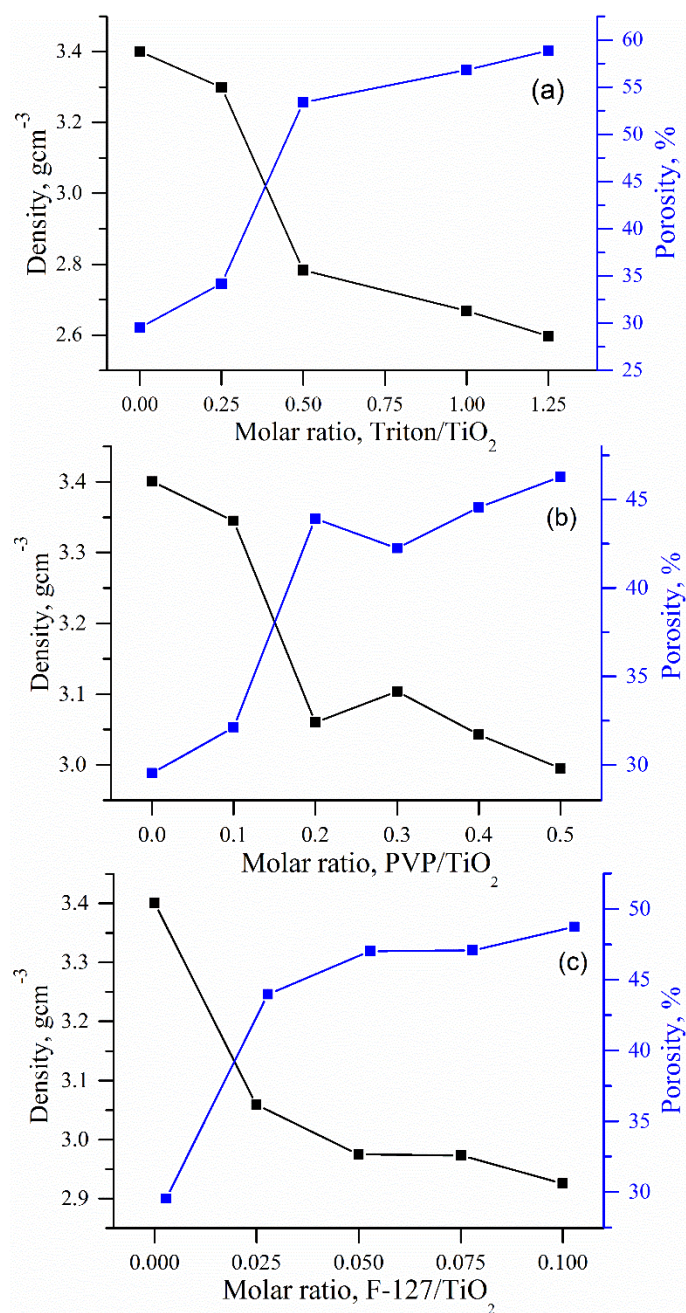


Fig. S-3. Evolution of the density and porosity of the TiO₂ films as a function of the molar ratios of the RAs: (a) Triton, (b) PVP, (c) F-127.