

Supporting Information (SI)

# **Hydrogel Improved the Response in the Titania (TiO<sub>2</sub>)/Graphene Oxide (GO) One-Dimensional Photonic Crystals (1DPCs)**

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S1: Photographs of a  $\text{TiO}_2$ /hydrogel/GO 1DPC in different organic solvents. The color of the 1DPC does not change, even during the very long reaction time of 24h.

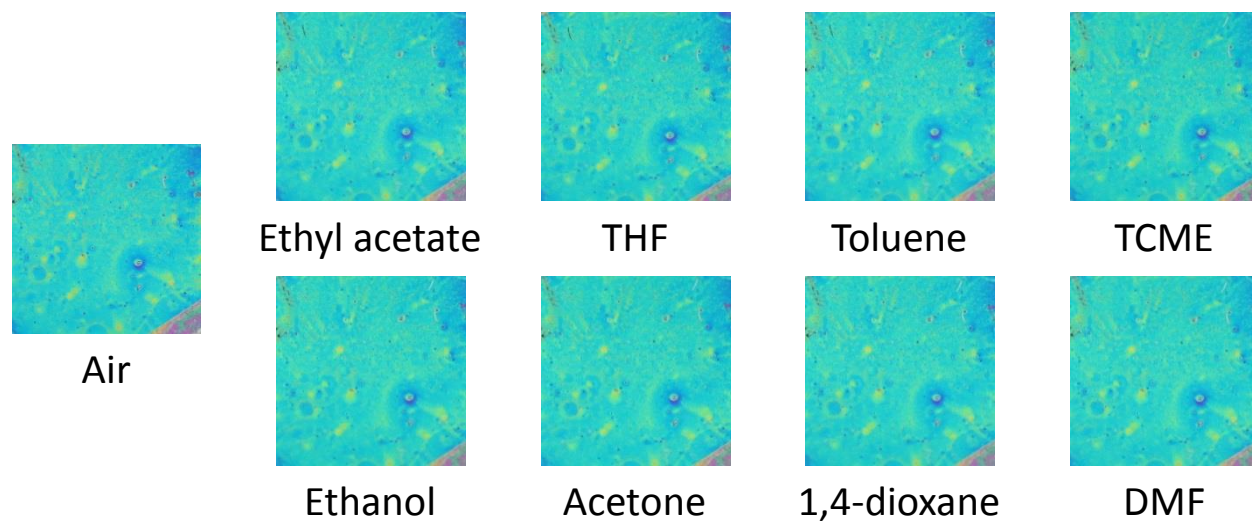


Figure S1. Photographs of a  $\text{TiO}_2$ /hydrogel/GO 1DPC in different organic solvents.