Electronic Supplementary Material (ESI) for Analyst. This journal is Photochemistry and Photobiological Science 2015

Supplemental Information

Applications of a new type of poly(methyl methacrylate)/TiO₂ photocatalyst as an antibacterial agent for *Escherichia coli* and reducing agent for 4-nitrophenol

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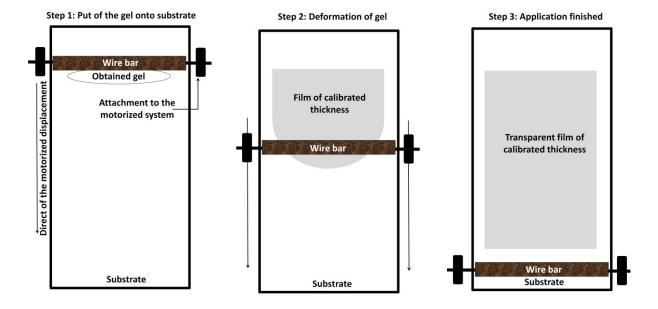


Fig. S1. Schematic demonstration of automatic film applicator set-up.

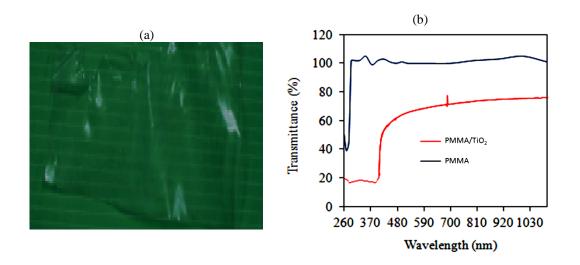


Fig. S2. (a) The photograph of PMMA/ TiO_2 nanocomposite and (b) UV-Vis transmittance of the transparent PMMA and PMMA/ TiO_2 nanocomposite.

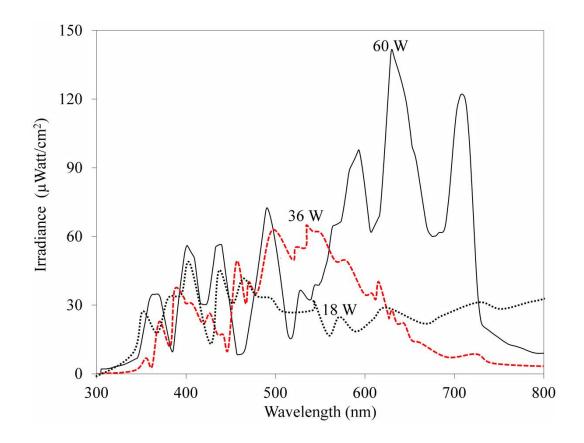


Fig. S3. Emission spectrum of the various light source used in photocatalytic reduction setup.