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Supporting Information for:

Synthesis of Spiropyran with Methacrylate at the Benzopyran Moiety and Control of the Water Repellency and Cell Adhesion of its Polymer Film

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The supporting information are composed of 6 figures in 6 pages

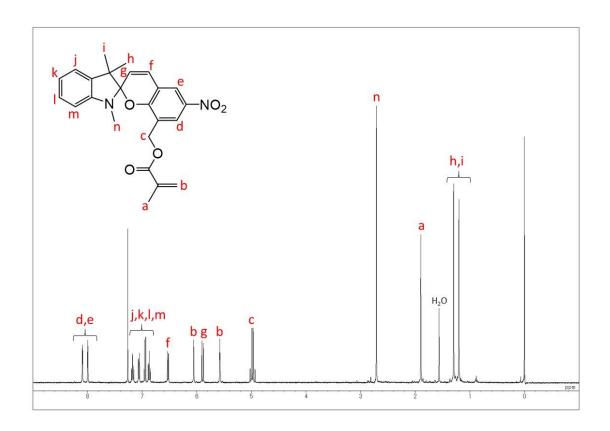


Figure S1. ¹H NMR spectrum of synthesized SpMA.

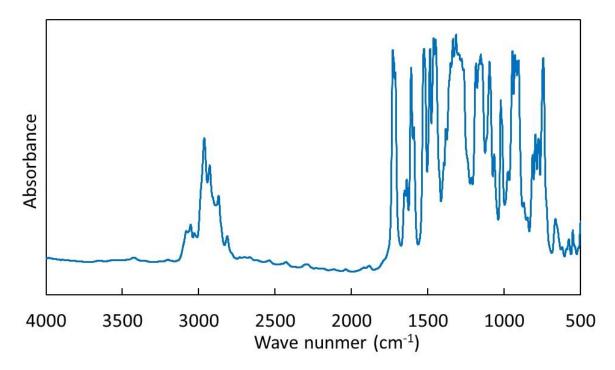


Figure S2. IR spectrum of synthesized SpMA.

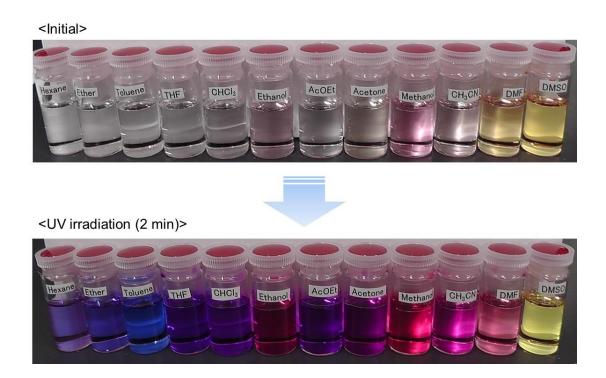
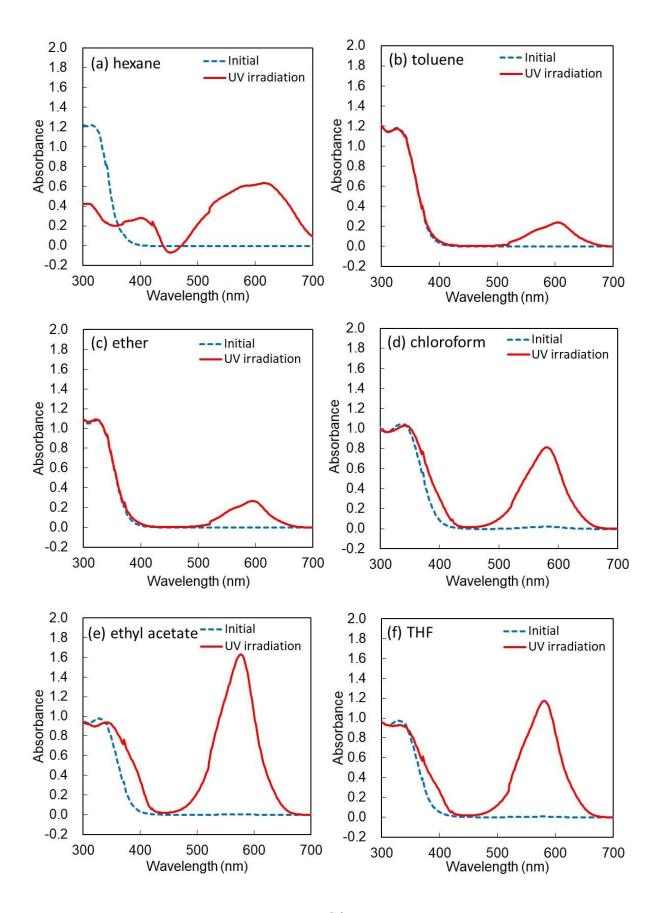


Figure S3. Photo-isomerization images of synthesized SpMA in various solvents.



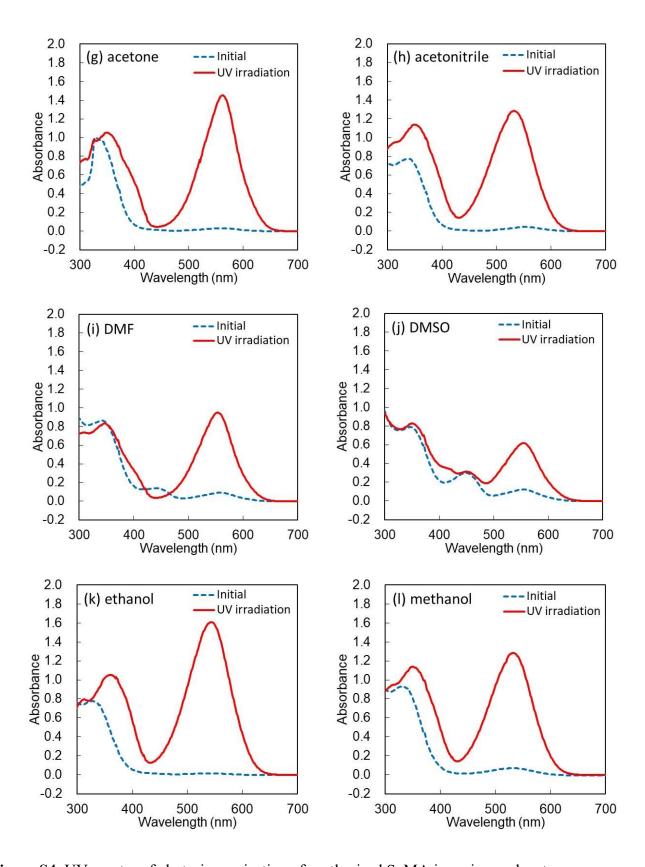


Figure S4. UV spectra of photo-isomerization of synthesized SpMA in various solvents.

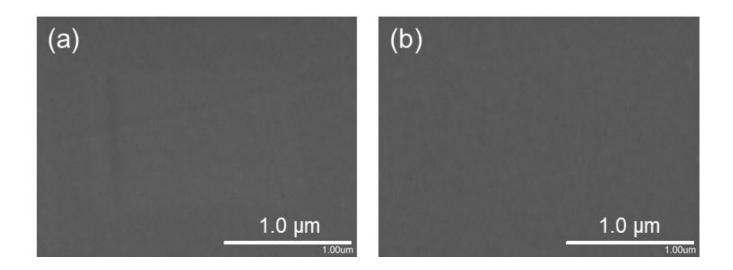


Figure S5. SEM images of PSpMA spin-coated on a PET substrate in initial state (a) and UV irradiation (b) $(\times 50 \text{ k})$.

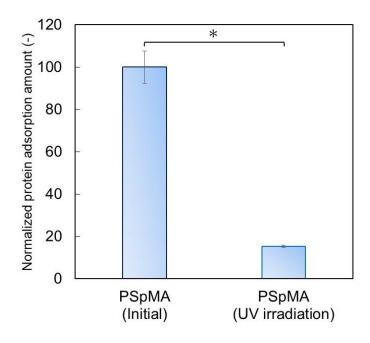


Figure S6. Protein adsorption test of BSA toward PSpMA spin-coated on a PET substrate (PSpMA (initial)=100) (*p < 0.05).