

Supplementary Information

Photosensitized oxidation of 9,10-dimethylanthracene with singlet oxygen by using safranin O/silica composite under visible light

Elim Albiter^{1,2*}, Salvador Alfaro¹, Miguel A. Valenzuela¹

¹Lab. Catálisis y Materiales. ESIQIE-Instituto Politécnico Nacional. Zacatenco, 07738 México, D.F. México.

²Centro de Ciencias Aplicadas y Desarrollo Tecnológico UNAM, Circuito Exterior S/N, Ciudad Universitaria, A. P. 70-186, C.P. 04510, México DF, México.

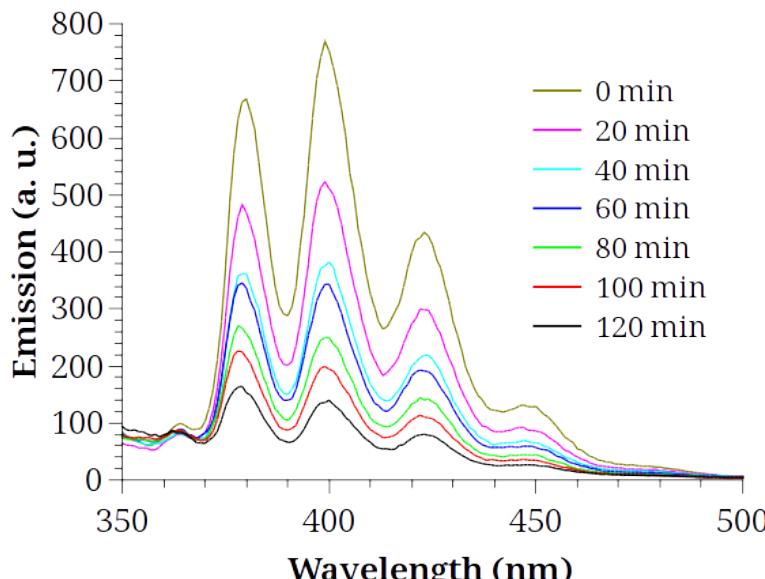


Figure S1: Decrease in light emission intensity of DMA in function of the reaction time.

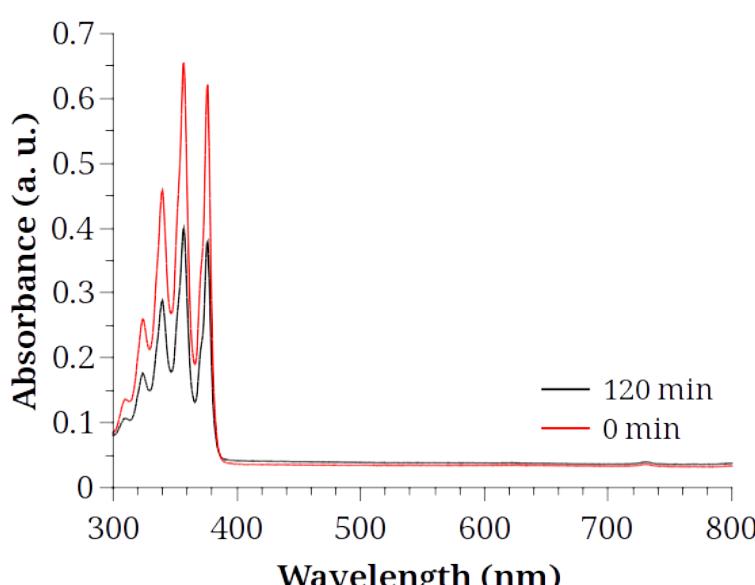


Figure S2: UV-Vis spectra of the reaction media at the beginning and after 120 min of irradiation.

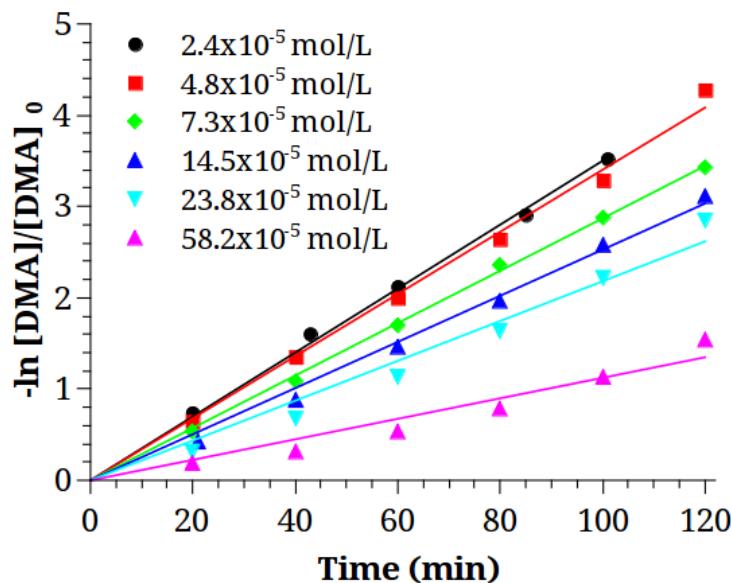


Figure S3: First-order kinetic fitting of DMA concentration versus time for different initial concentrations of DMA.

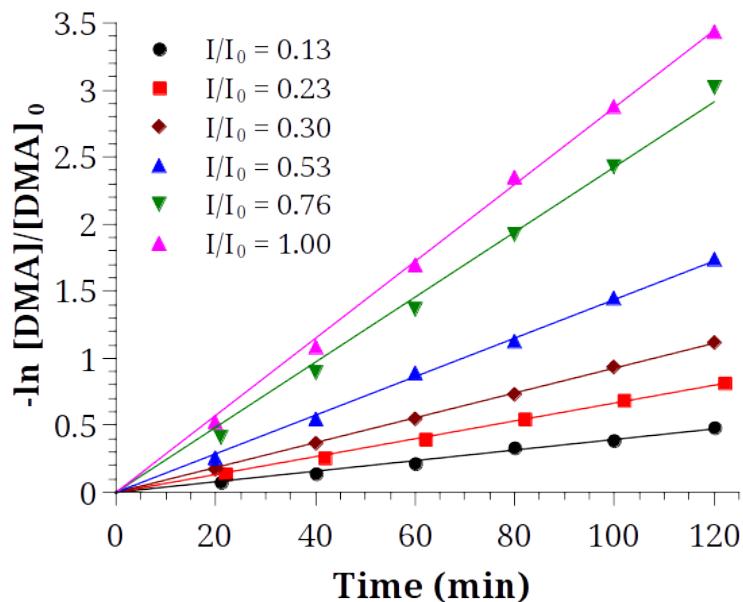


Figure S4: First-order kinetic fitting of DMA concentration versus time for different light intensities.