

## Spray deposited $\beta$ - $\text{Bi}_2\text{O}_3$ nanostructured films with visible photocatalytic activity for solar water treatment

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### Electronic Supplementary Information

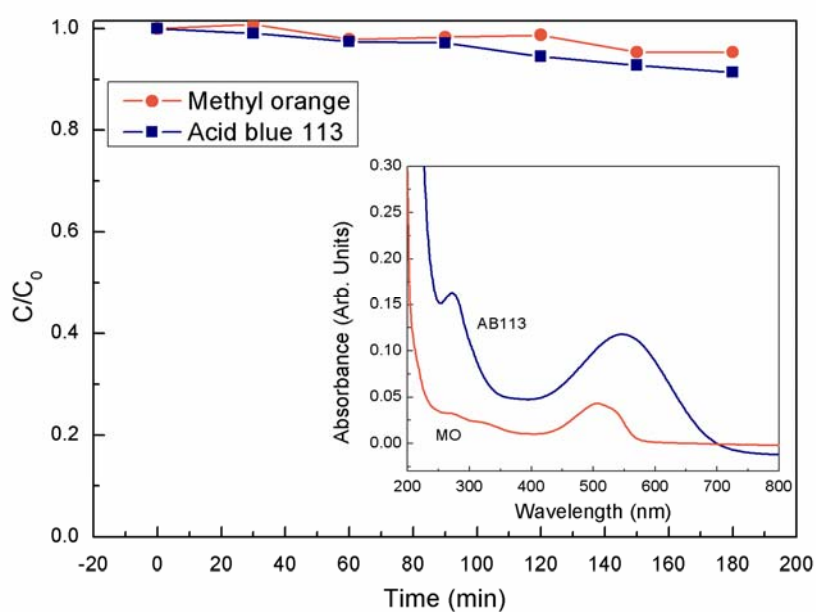


Fig. A Photolytic behavior of the dyes exposed to UV light during 3 hours. The inset shows the absorption spectrum of each dye.

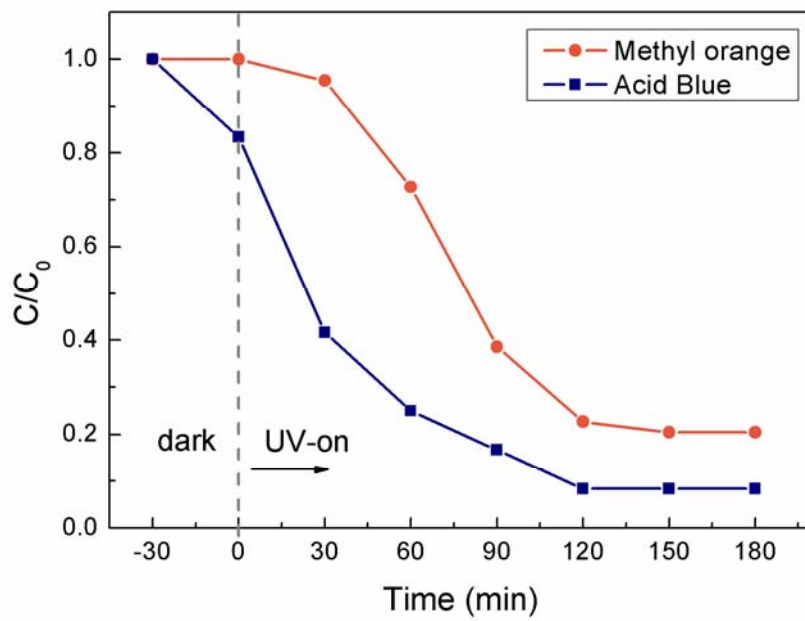


Fig. B Comparison of the degradation process of methyl orange and acid blue 113 under UV light. The  $\text{Bi}_2\text{O}_3$  films were left in contact with the dye solution in the dark to evaluate the adsorption of the molecule to the film.