

# Supplementary Information

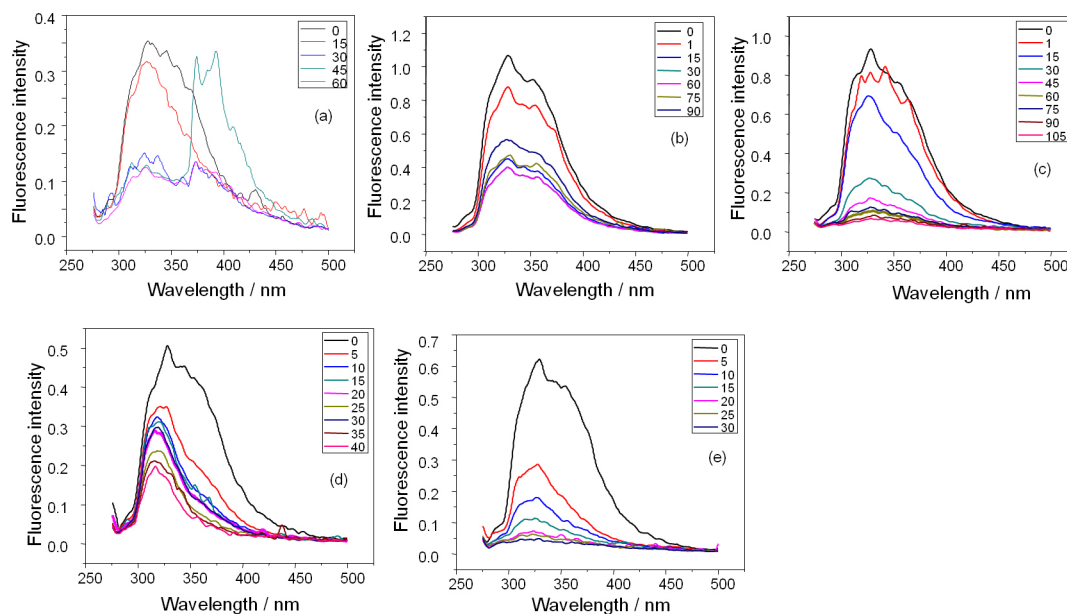
## Photochemical Degradation of Diesel Oil in Water: a Comparative Study of Different Photochemical Oxidation Processes and their Degradation By-Products

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**Figure S1.** Fluorescence spectra for diesel oil in aqueous solution with different concentrations of diesel-in-water emulsion, applying various reaction times, for the different degradation processes: (a) UV ( $30 \text{ mg L}^{-1}$ ); (b) peroxide ( $100 \text{ mg L}^{-1}$ ); (c) UV/peroxide ( $85 \text{ mg L}^{-1}$ ); (d) ozone ( $45 \text{ mg L}^{-1}$ ); and (e)  $\text{O}_3/\text{UV}$  ( $60 \text{ mg L}^{-1}$ ).

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