

Supporting information

Photocatalytic degradation of azo food dye tartrazine using TiO_2 in aqueous solution: an innovative removal method by Box–Behnken design optimization and kinetic modeling.

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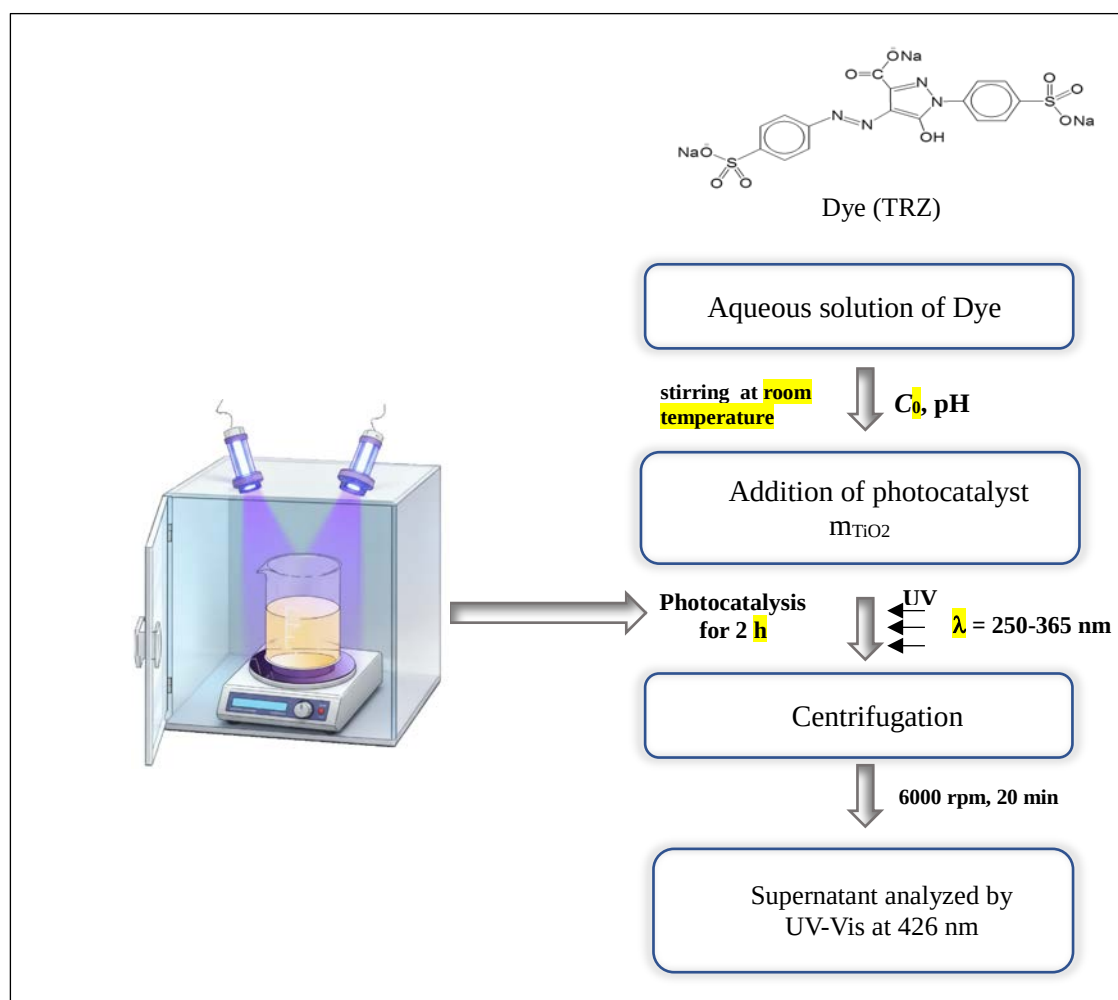


Figure S1. Stages of TRZ photocatalysis and experimental setup of the photocatalysis cell.

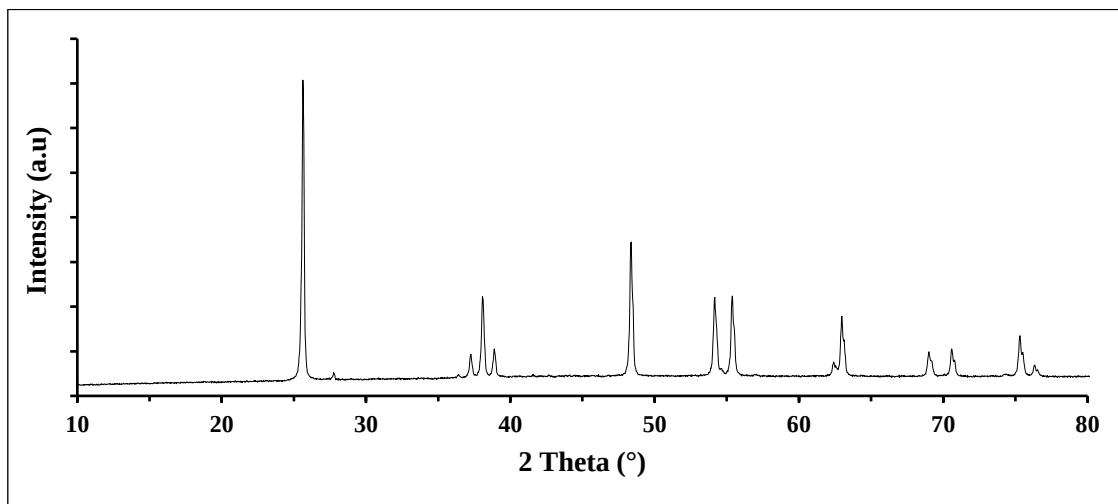


Figure S2. X-ray diffractogram of TiO_2 .

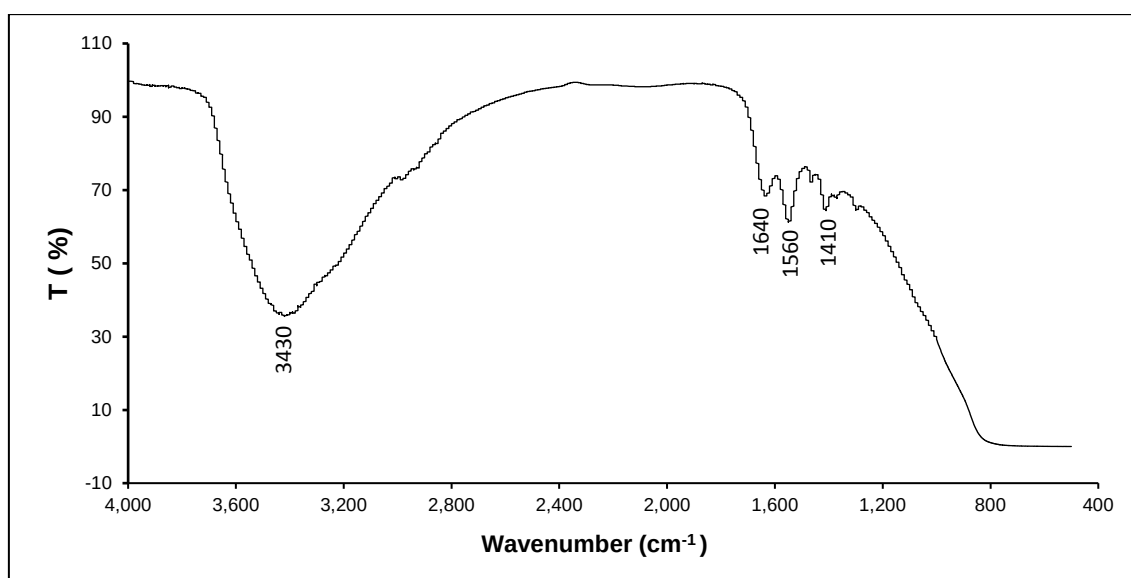


Figure S3. FTIR spectrum of TiO_2 .

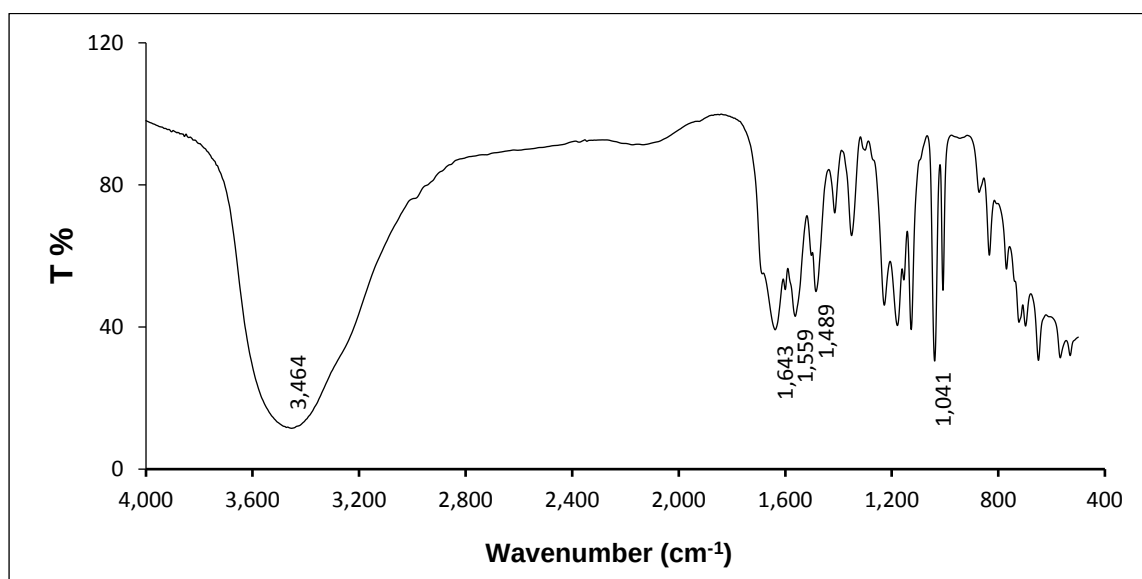


Figure S4. FTIR spectrum of TRZ.