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Photodegradation of ciprofloxacin using an alginate/TiO2 hydrogel for water remediation. Supplément

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Supporting information: Photodegradation of ciprofloxacin using an alginate/TiO_2 hydrogel for water remediation

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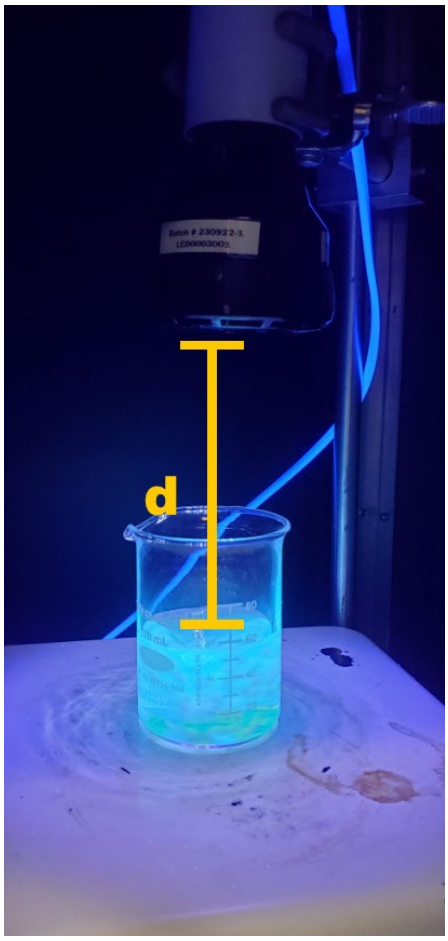
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a



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c

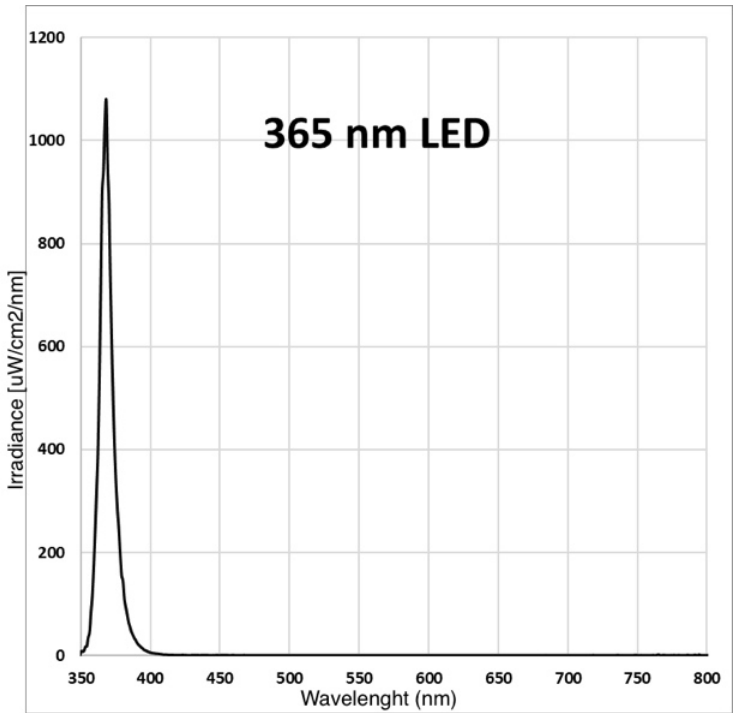
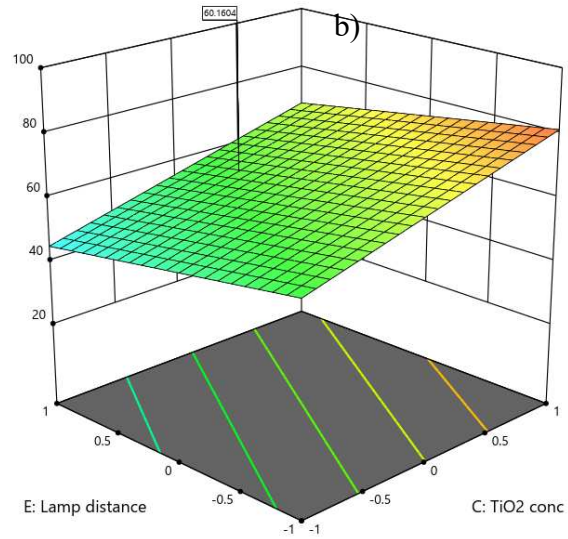


Figure S1. a) black box for photoreaction. b) set up inside black box, d = lamp distance = 10, 15 or 20 cm depending on the experiment, c) Light measurement, measured in PhotoRedOx Box™ by the provider.

a)



b)

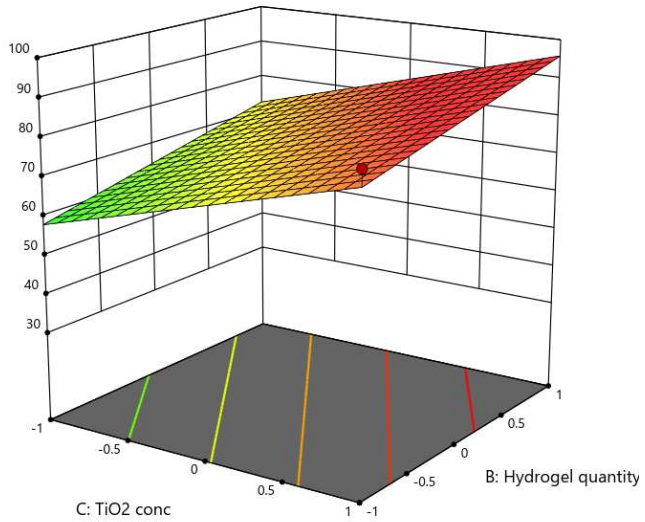


Figure S2. Surface plot of interactions from calculated equation: a) Lamp distance v/s TiO_2 concentration, at 350 rpm of stirring, 0.5 g of hydrogel quantity and bead method of preparation B. b) TiO_2 concentration v/s Hydrogel quantity at 500 rpm, bead method of preparation B and lamp distance of 10 cm.