

## Supporting Information

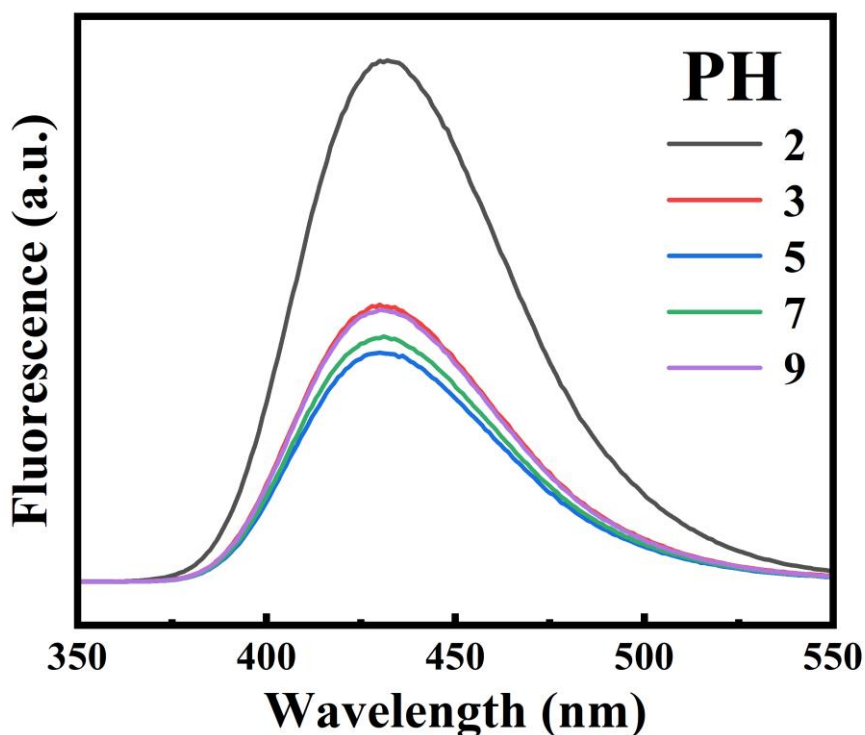
### Strong Pyro-Electro-Chemical Coupling of Elbaite/ H<sub>2</sub>O<sub>2</sub> System for Pyrocatalysis Dye Wastewater

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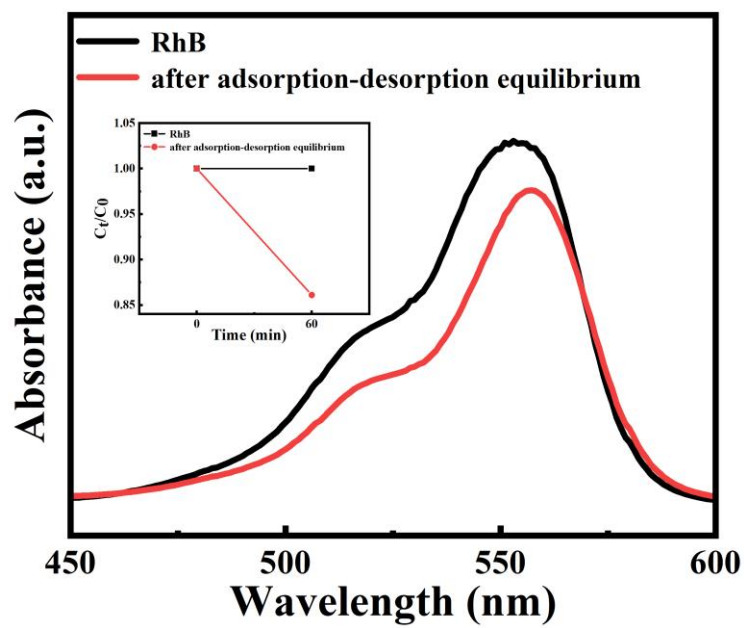
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**Figure S1** The  $\cdot\text{OH}$  capture (TA) spectra of suspension at different pH.



**Figure S2** Pyrocatalytic UV absorption spectrum of RhB after adsorption-desorption equilibrium.