materials

Supplementary Materials

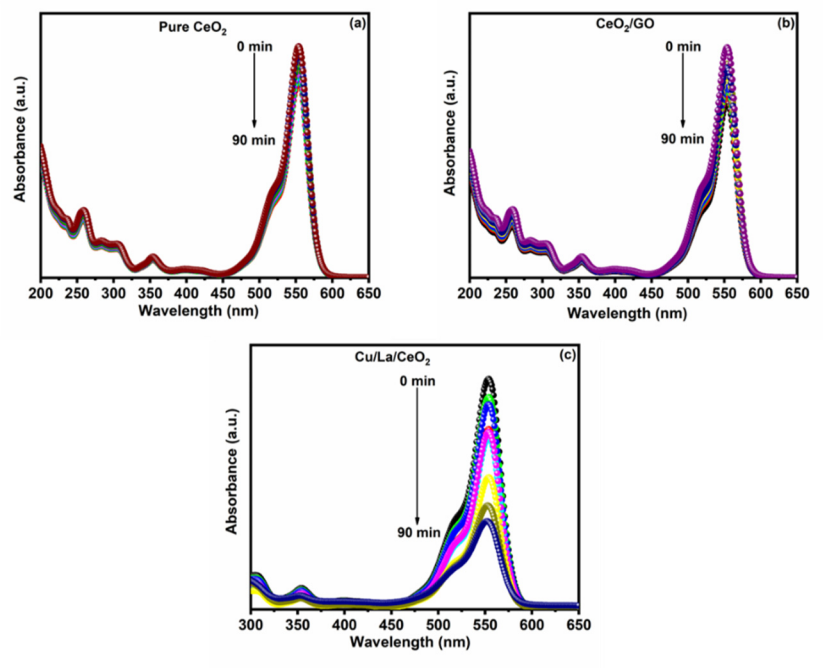


Figure S1. (**a**, **b**, and **c**) Absorption spectrum of Rhodamine-B dye for various catalysis with respect to treatment time.

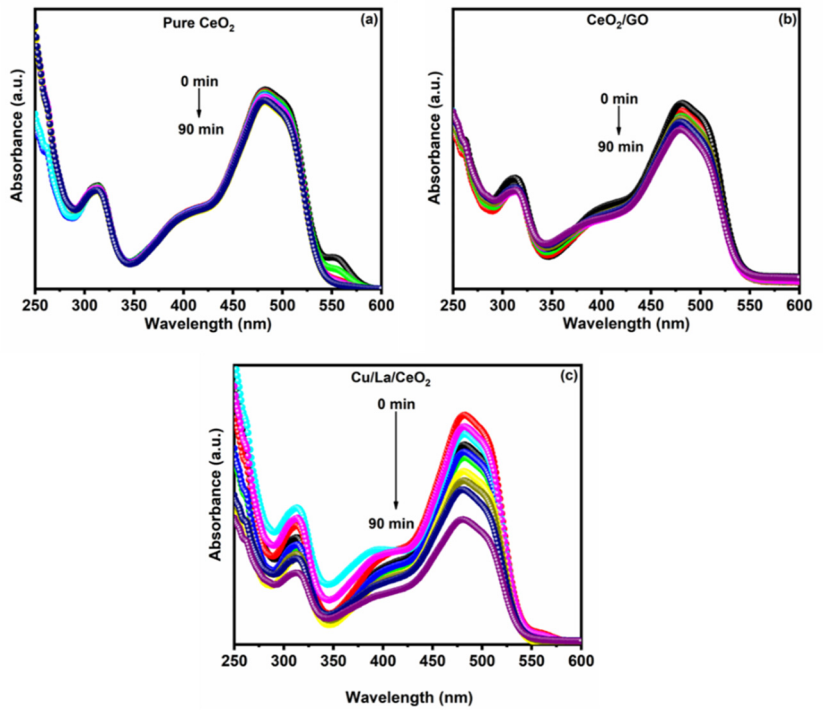


Figure S2. (**a**, **b**, and **c**) Absorption spectrum of sunset yellow dye for various catalysis with respect to treatment time.

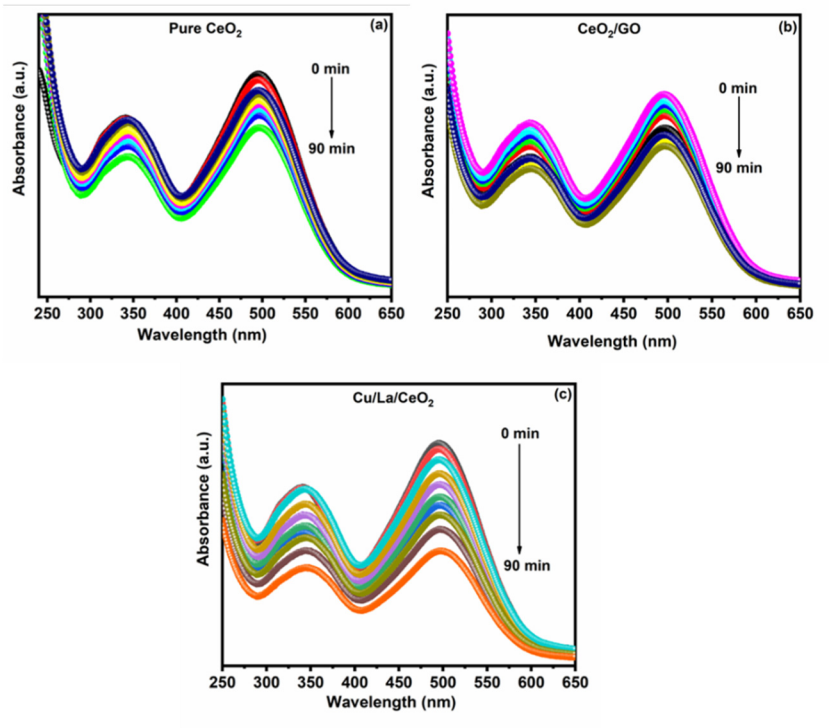


Figure S3. (**a**, **b**, and **c**) Absorption spectrum of cibacron red dye for various catalysis with respect to treatment time. .