Supplementary

New sustainable approach for the production of Fe_3O_4/graphene oxide-activated persulfate system for dye removal in real wastewater

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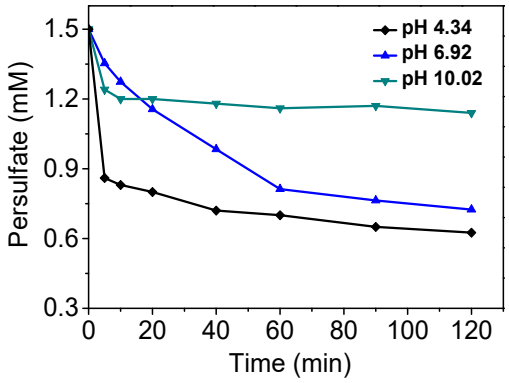

Figure S1. Persulfate evolution under different pH

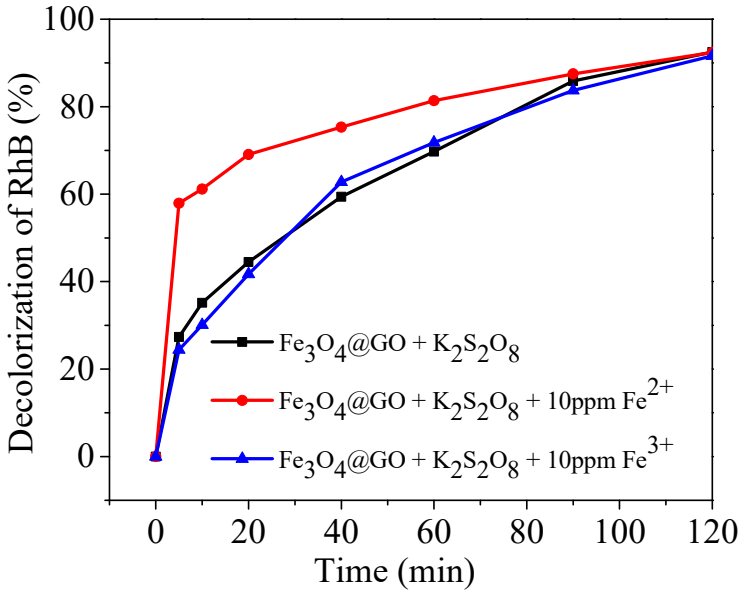

Figure S2. Effect of iron species on RhB degradation

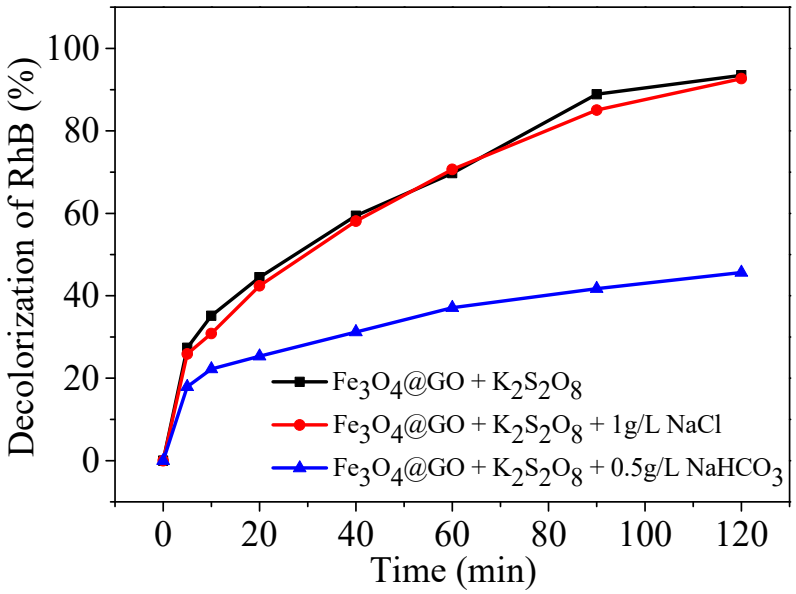

Figure S3. Effect of inorganics ions on RhB degradation

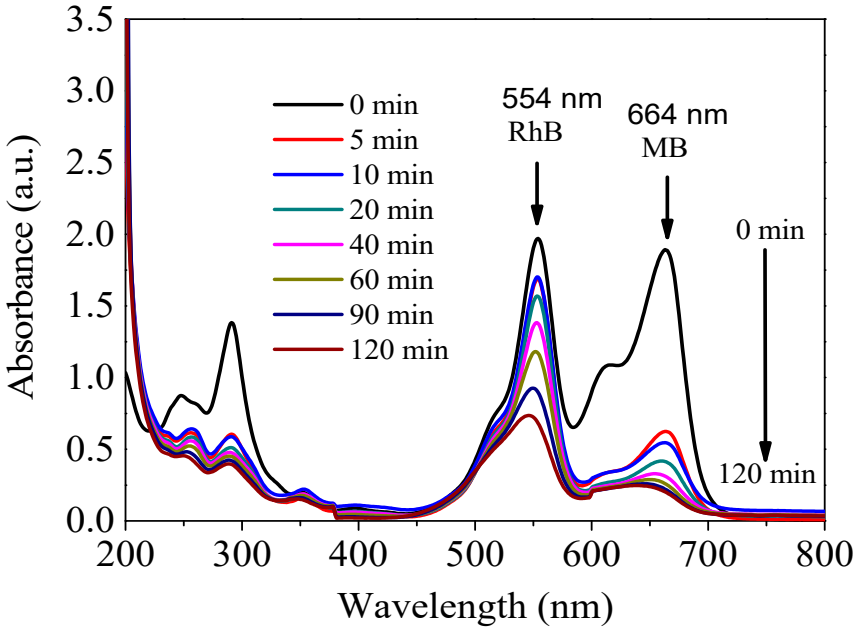

Figure S4. Effect of co-existing dyes MB on RhB degradatio

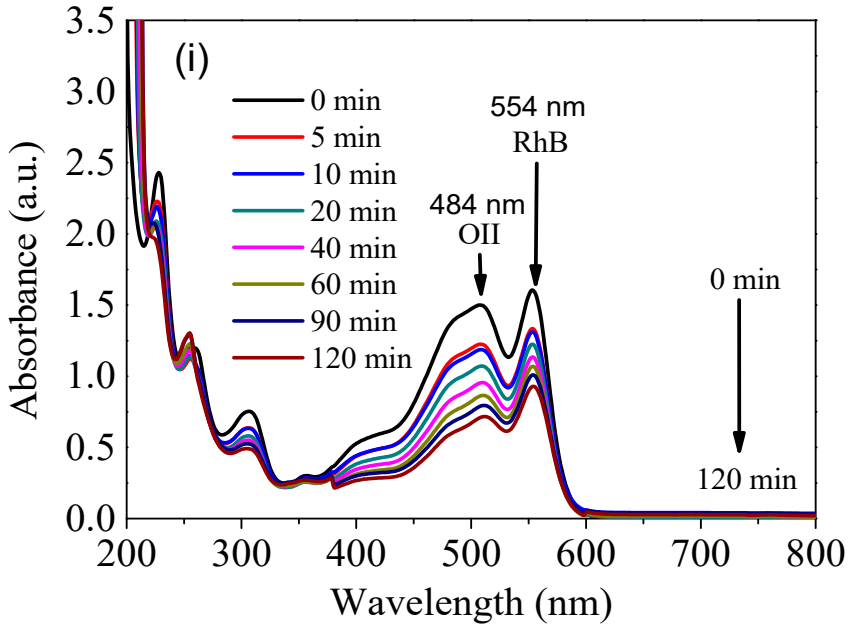

Figure S5. Effect of co-existing dyes OII on RhB degradation

Table S1 Binding energy of detected elements for Fe_3O_4@GO

Binding Energy (eV)								
	C 1s	O 1s			Fe 2p			N 1s
Before	285	531	530	529	725	711	718	400
After	285	531	530	529	725	711	718	400

Table S2 Atomic surface concentration of detected elements for Fe_3O_4@GO

Atomic Surface Concentration (%)				
	C	O	Fe	N
Before	24.39	49.11	26.21	0.29
After	24.91	49.22	25.03	0.84