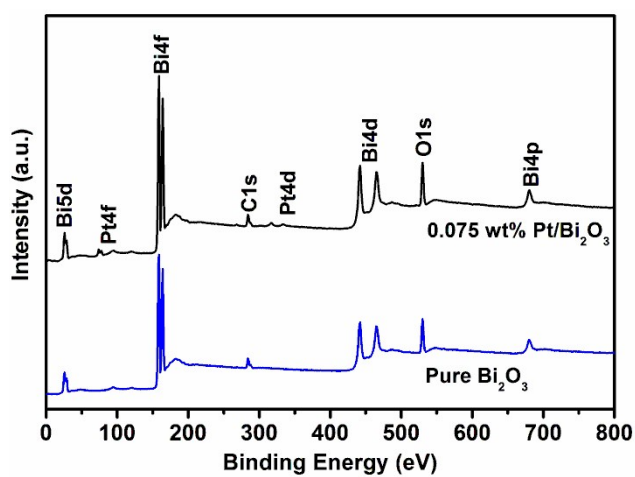


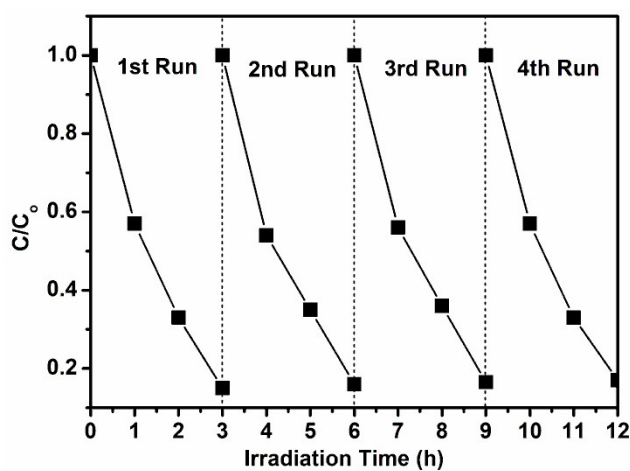
## Electronic supplementary information (ESI)

**Fig. S1** Full-scale XPS spectra of pure  $\text{Bi}_2\text{O}_3$  and 0.075 wt%  $\text{Pt}/\text{Bi}_2\text{O}_3$ .

**Fig. S2** Cyclic use of 0.075 wt%  $\text{Pt}/\text{Bi}_2\text{O}_3$  for photocatalytic degradation of RhB.



**Fig. S1**



**Fig. S2**