Supporting Information

Activated Carbon Fiber Supported Fe_2O_3@Bismuth Carbonate Heterojunction for Enhanced Visible Light Degradation of Emerging Pharmaceutical Pollutant

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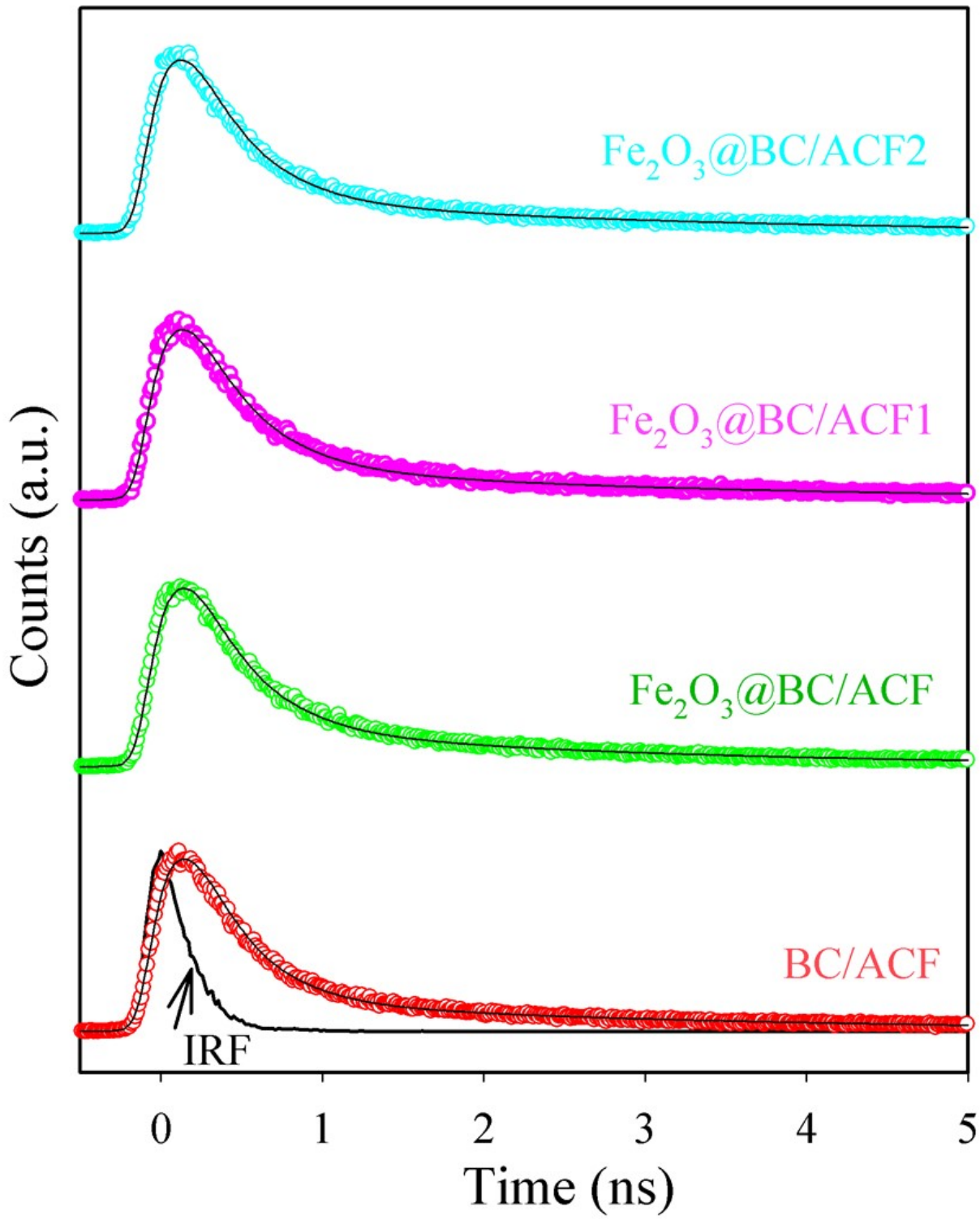

Figure S1. Picosecond-resolved PL transients of BC/ACF, Fe_2O_3@BC/ACF, Fe_2O_3@BC/ACF1 and Fe_2O_3@BC/ACF2 measured at λ_{em} = 460 nm upon λ_{ex} = 375 nm.

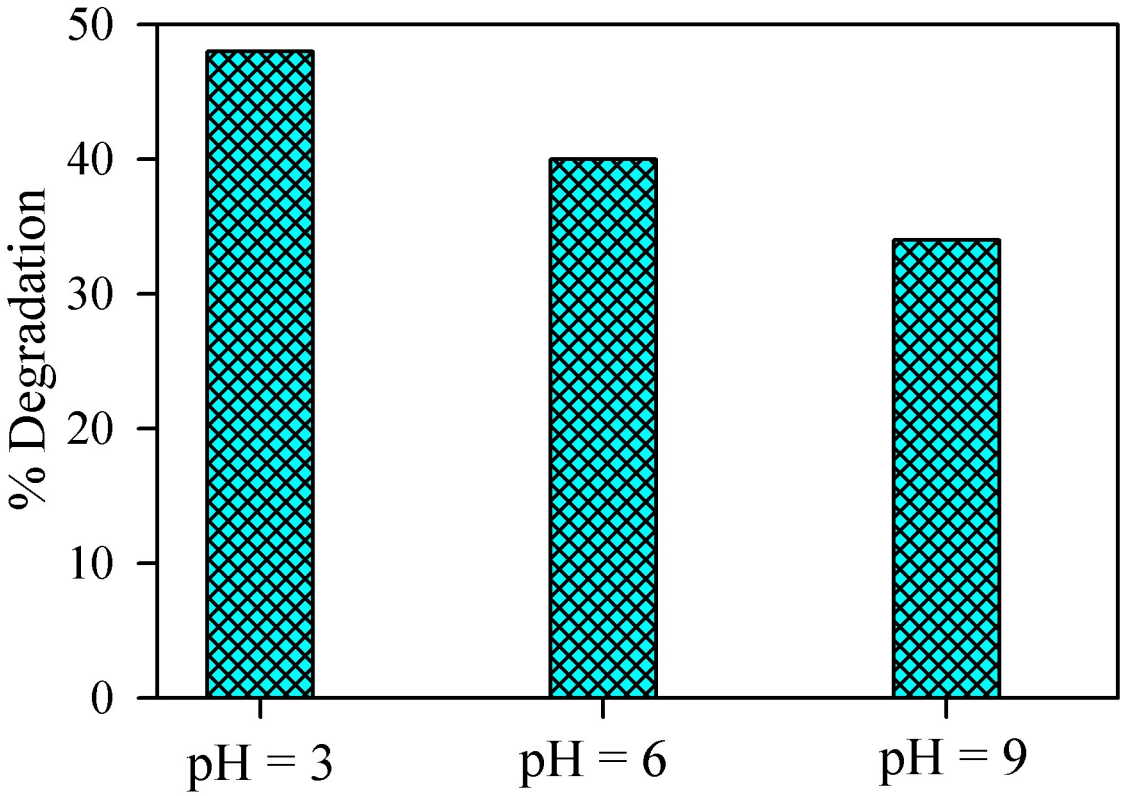

Figure S2. Effect of pH on the photocatalytic activity of Fe_2O_3@BC/ACF1.

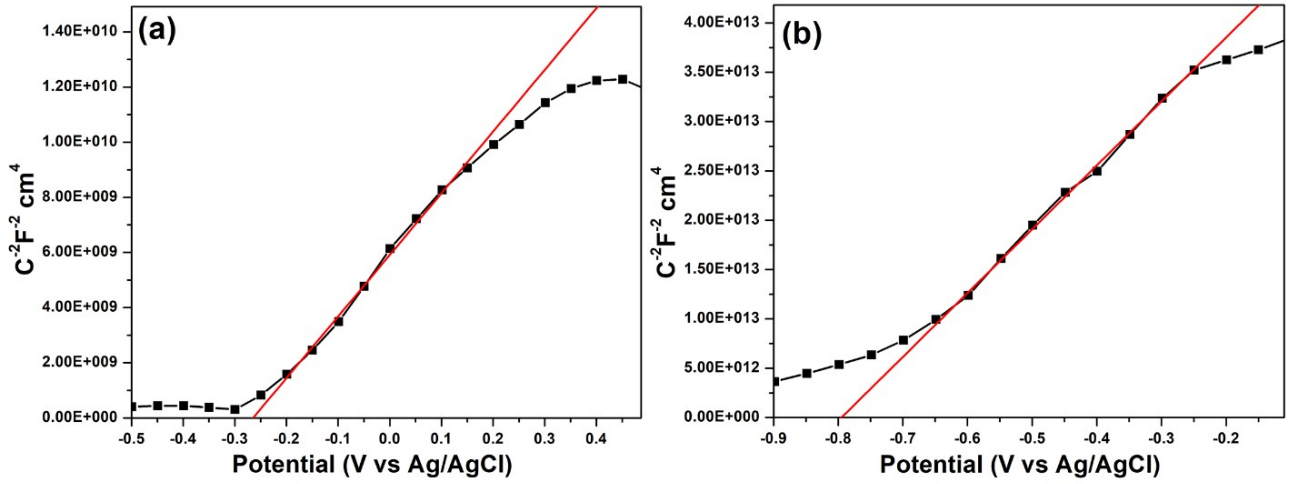

Figure S3. The Mott-Schottky plots of (a) BC, and (b) Fe_2O_3 electrodes.