

Supplementary material

Design of a ternary heterostructure catalyst composed of waste - derived activated carbon/ Fe₂O₃/reduced graphene oxide for photocatalytic degradation of ciprofloxacin

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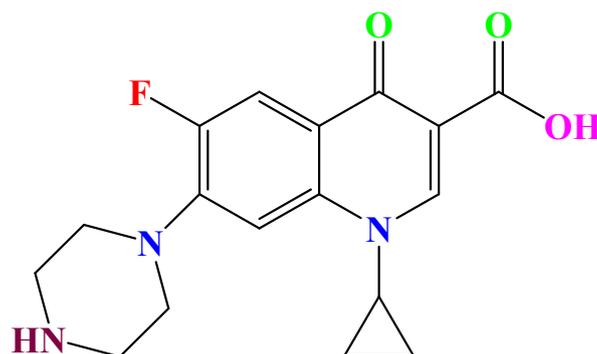


Fig. S1 Molecular structure of CIP.

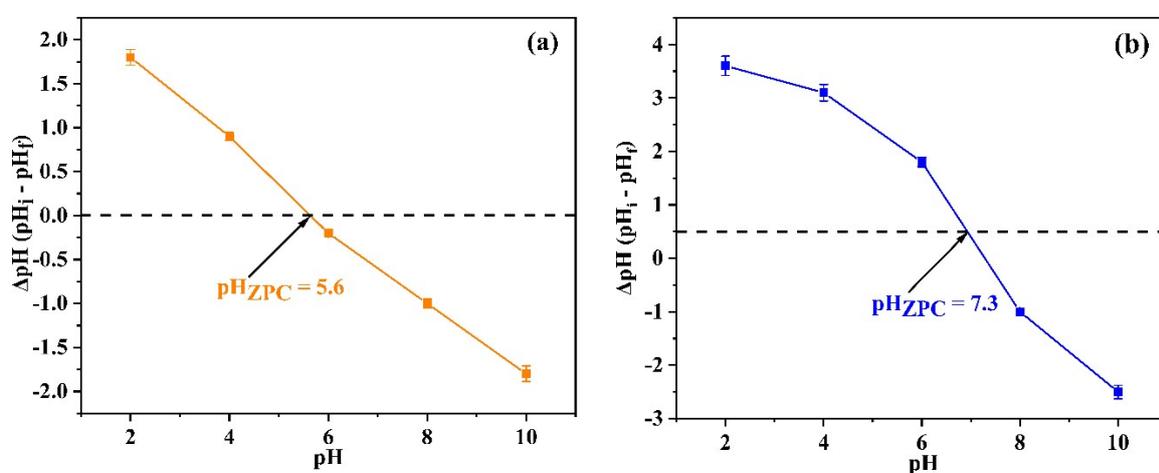


Fig. S2 pH_{ZPC} of IO/AC and IO/AC/RGO.

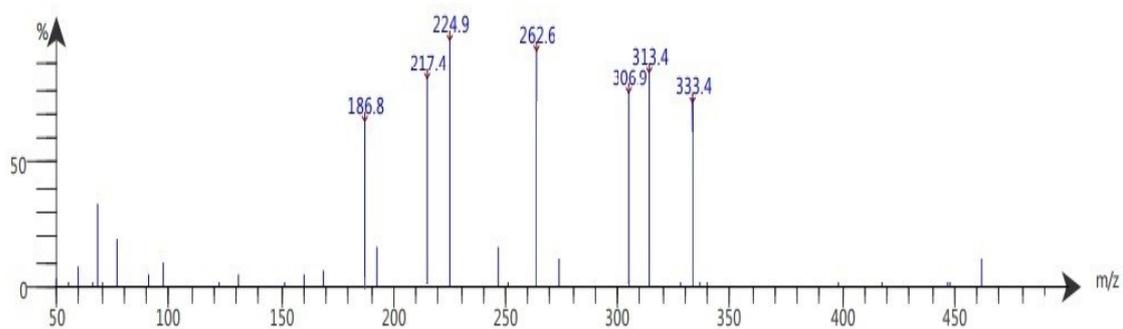


Fig. S3 LC-MS profile of CIP after photocatalytic degradation.

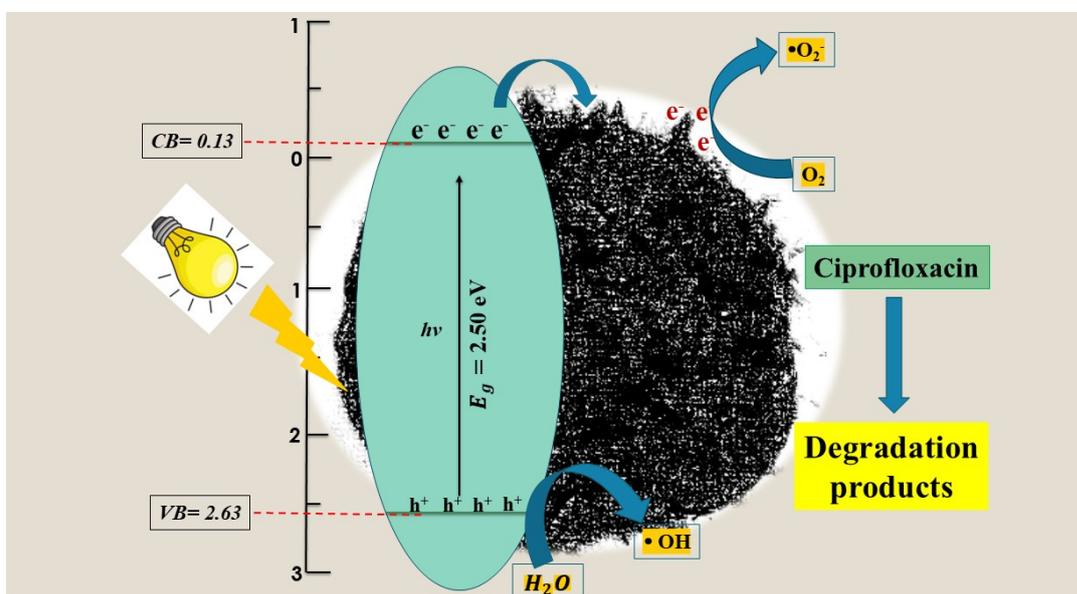


Fig. S4 Proposed photocatalytic mechanism for CIP degradation using IO/AC.