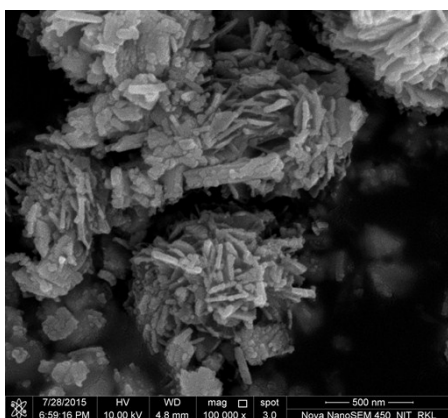


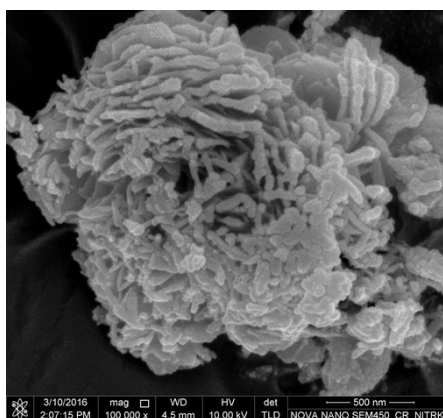
Supplementary Data

Visible light driven efficient photocatalytic degradation of congo red dye catalyzed by hierarchical $\text{CuS-Bi}_2\text{Cu}_x\text{W}_{1-x}\text{O}_{6-2x}$ nanocomposite system

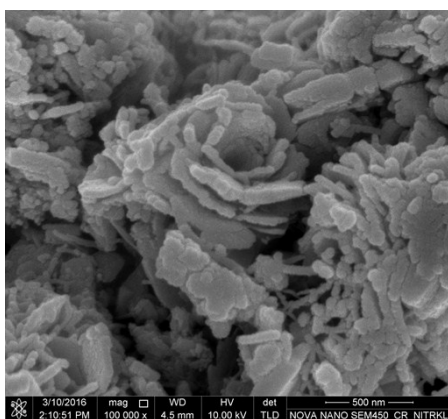
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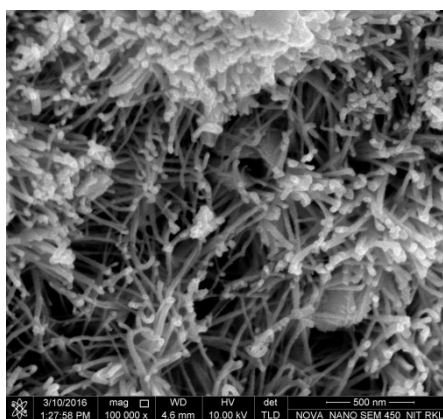
(a)



(b)



(c)



(d)

Fig. S1 FESEM image of (a) CuS5BT, (b) CuS15BT, (c) CuS20BT and (d) CuS materials.

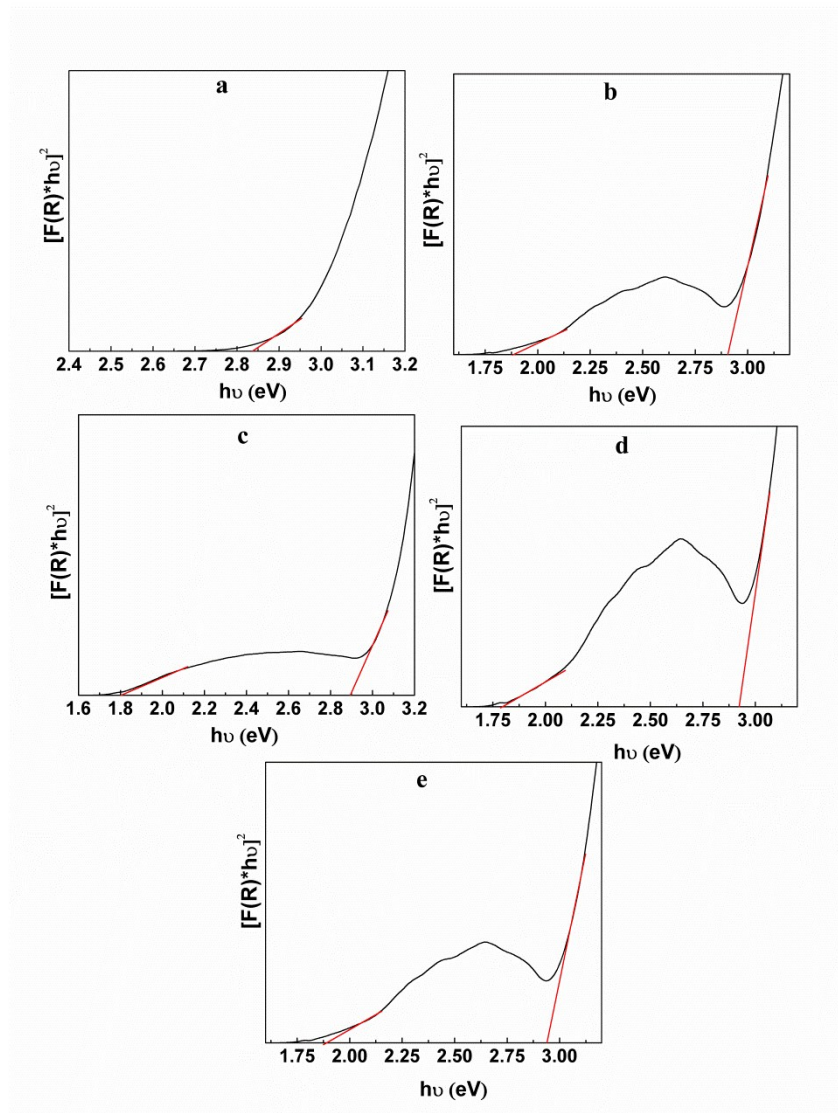


Fig. S2 Plot of $[F(R)hv]^2$ as a function of photon energy ($h\nu$) in eV of (a) BT, (b) CuS5BT, (c) CuS10BT, (d) CuS15BT and (e) CuS15BT.

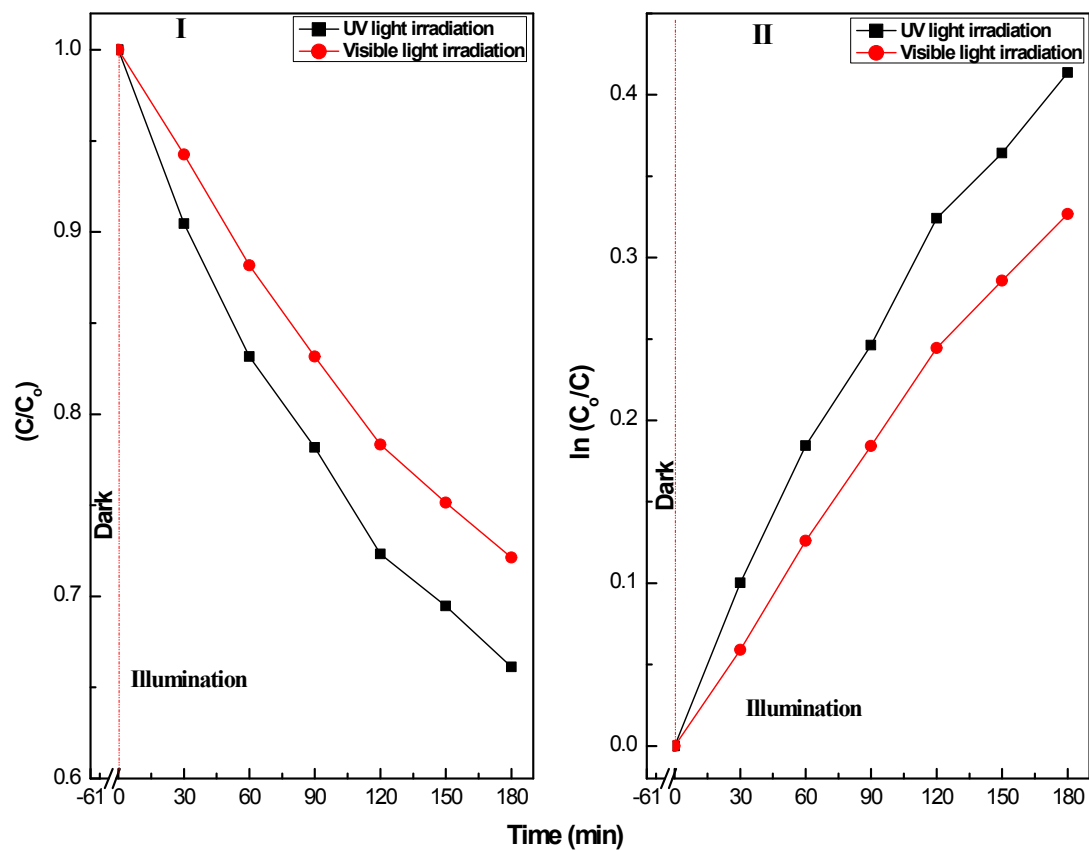


Fig. S3 (I) Photocatalytic activity of CuS10BT material in absence of H₂O₂ oxidant and (II) First order kinetic plots.