Figure S 1. TEM image of the solid ZnS sphere (a), ZnS/CuS samples obtained in 1h (b) and 3h (c)

Figure S 2. EDS image of the solid ZnS sphere (a), ZnS/CuS samples obtained in 1h and 3h (b)

Figure S 3. The plots of the (ahv)² vs photon energy (hv) for ZnS
Figure S 4. The plots of the $(ahv)^{1/2}$ vs photon energy $(hv)$ for CuS

Figure S 5. Effect of catalyst loading on RhB degradation.

Scheme S 1. The photocatalytic mechanism of CuS/ZnS samples for degrading RhB under visible light