

Supporting Information

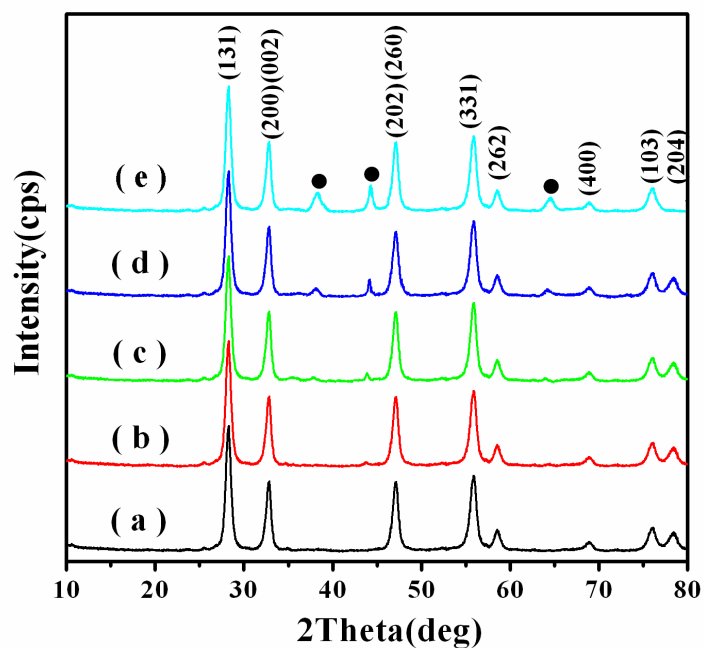


Fig. S1 XRD patterns of the sample. (a) Bi₂WO₆-12h; (b) 0.25at% Ag -Bi₂WO₆; (c) 0.5at%Ag -Bi₂WO₆; (d) 1.0at% Ag - Bi₂WO₆; (e) 2.0at% Ag - Bi₂WO₆.

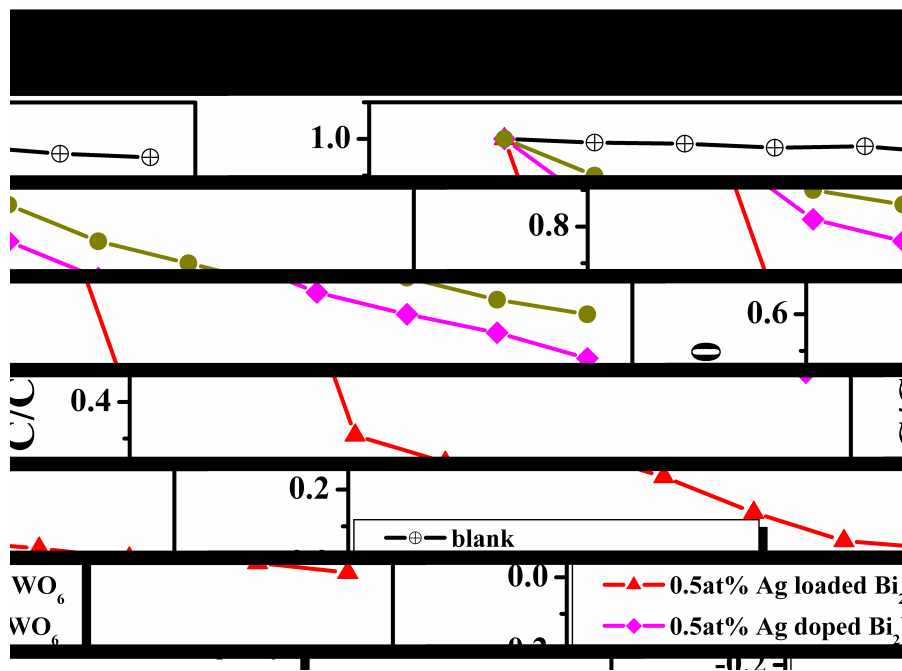


Fig. S2 Comparison of the photocatalytic activity of 0.5at% Ag loaded Bi₂WO₆ nanoarchitecture, TiO_{2-x}N_x and 0.5at% Ag doped Bi₂WO₆.

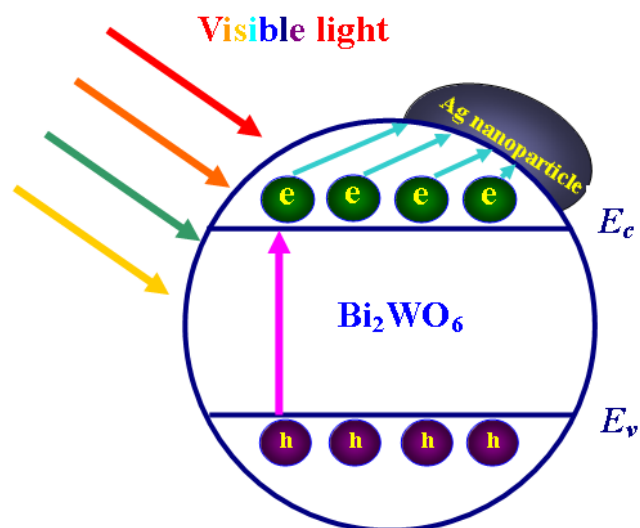


Fig. S3 Mechanism of enhancement on photocatalytic activity of Ag-loaded Bi_2WO_6 nanoarchitectures.

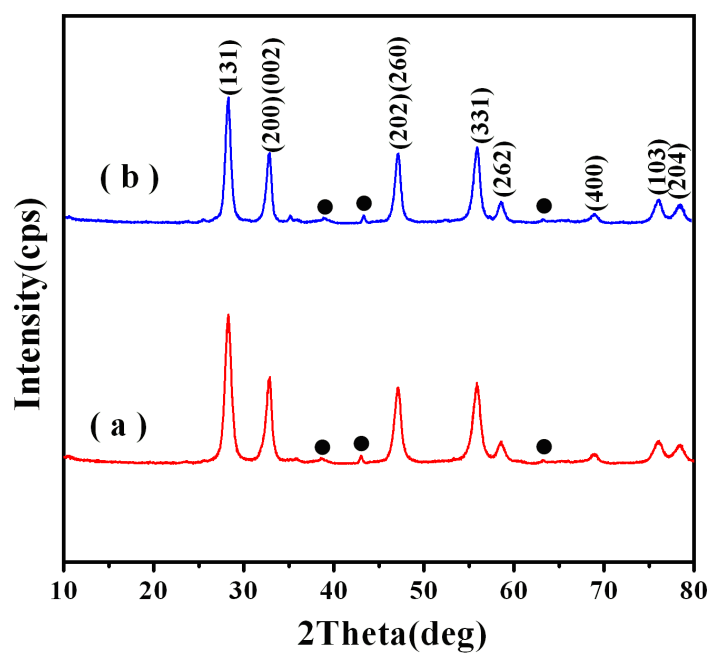


Fig. S4 Comparison of XRD patterns of 0.5at%Ag loaded Bi_2WO_6 nanoarchitectures before (a) and after used (b).

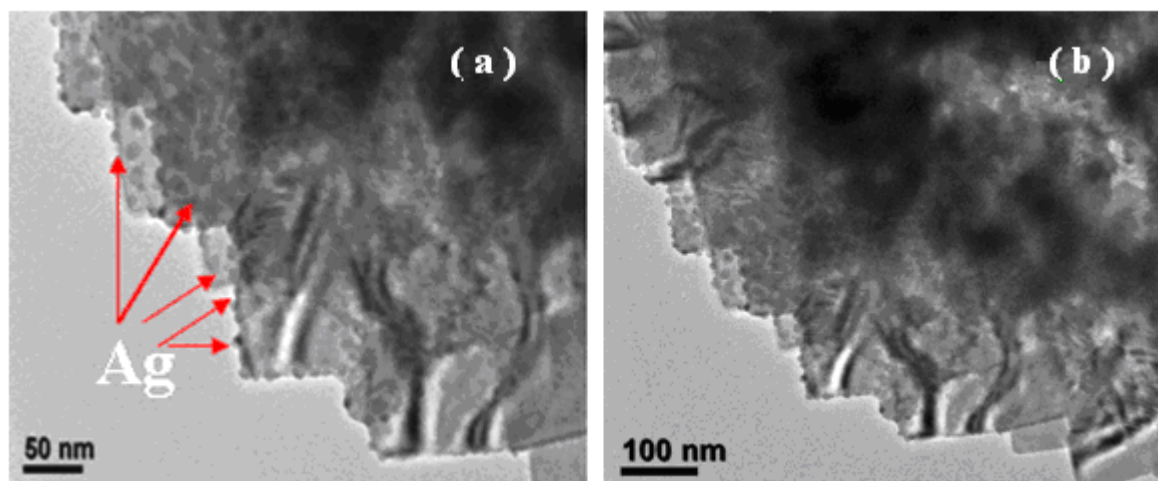


Fig. S5 Comparison of TEM image of 0.5at%Ag loaded Bi₂WO₆ nanoarchitectures before (a) and after used (b).