

Computationally validated magnesium and graphene oxide anchored SnO₂ quantum dots for RhB reduction and antibacterial activity

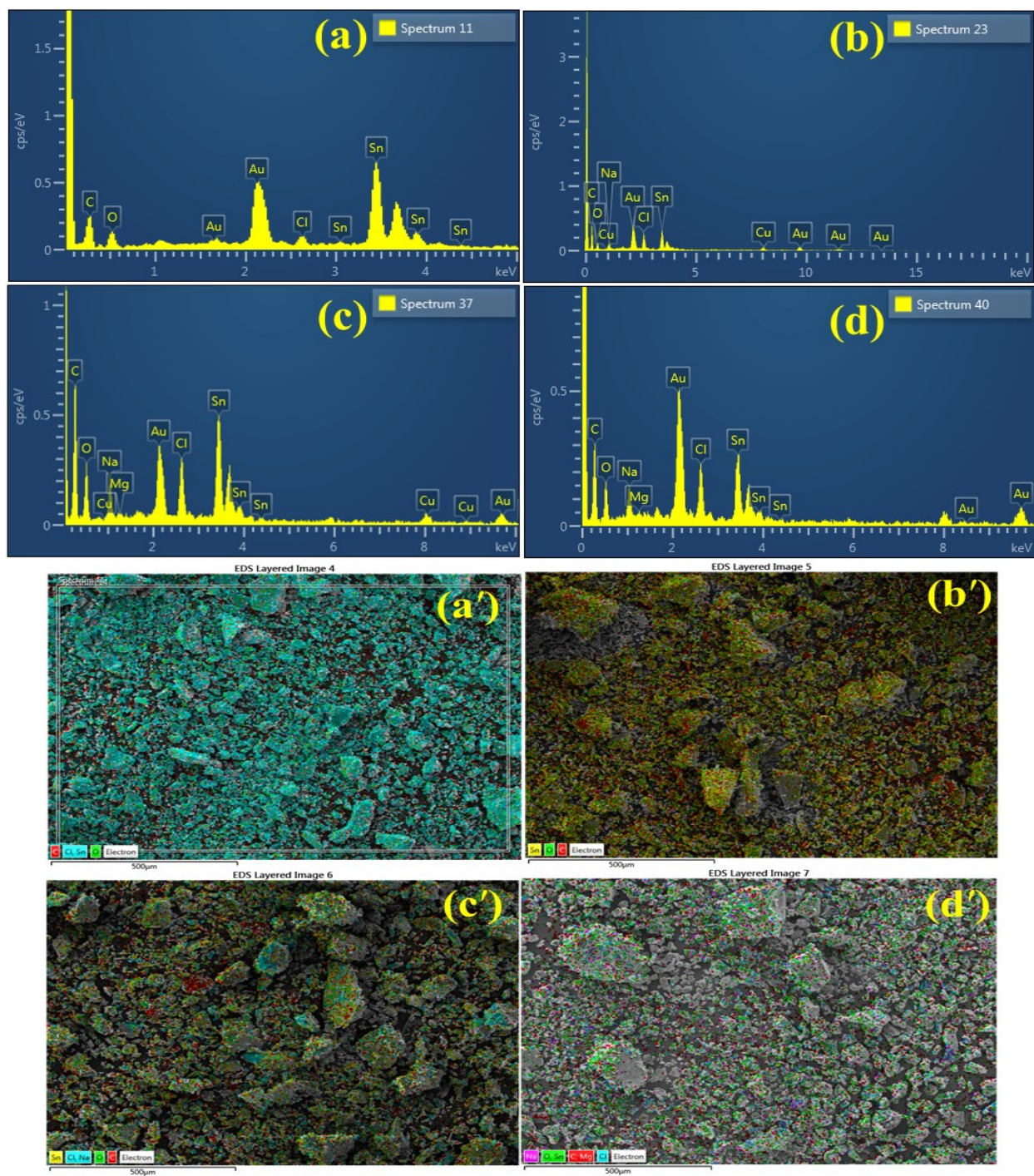


Fig. S1 (a-d) EDS and (a'-d') mapping of SnO₂, GO-SnO₂, 2% Mg/GO-SnO₂ and 4% Mg/GO-SnO₂

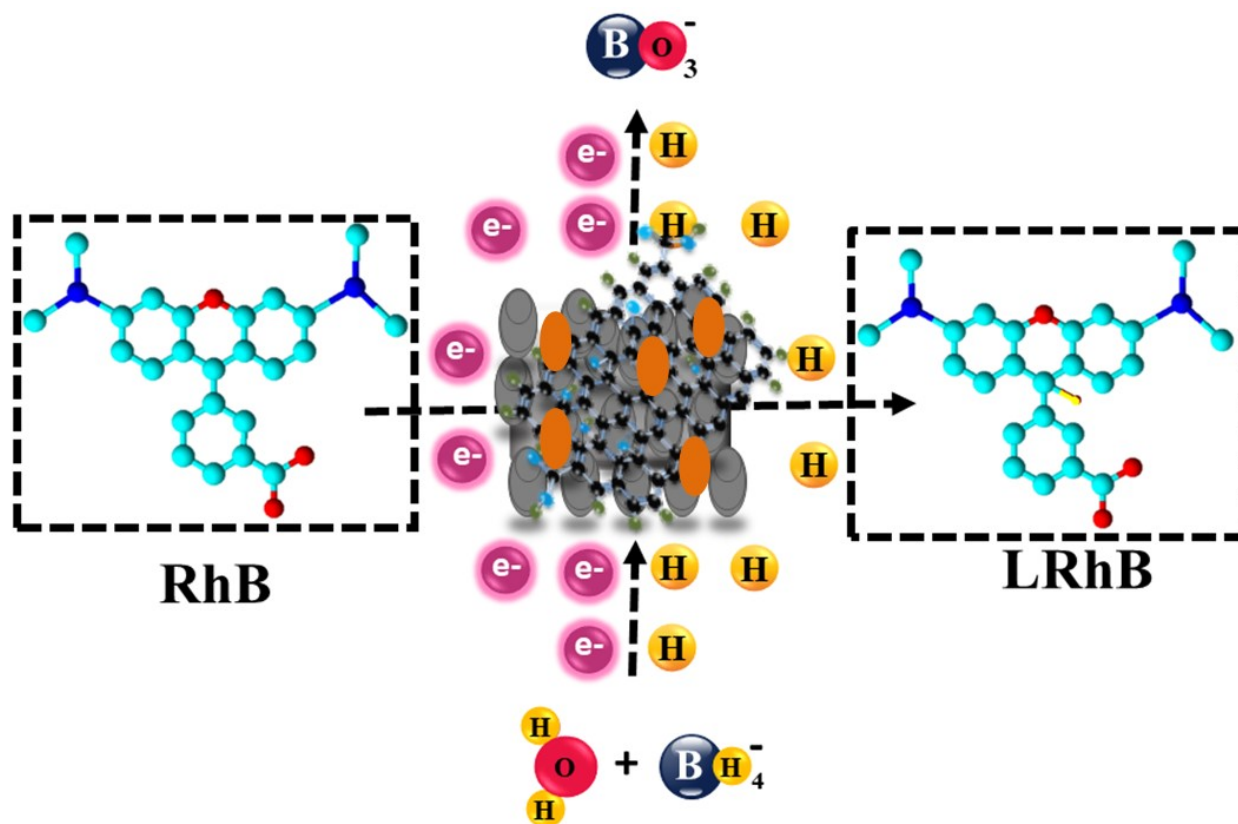


Fig. S2 Catalysis mechanism of doped SnO₂

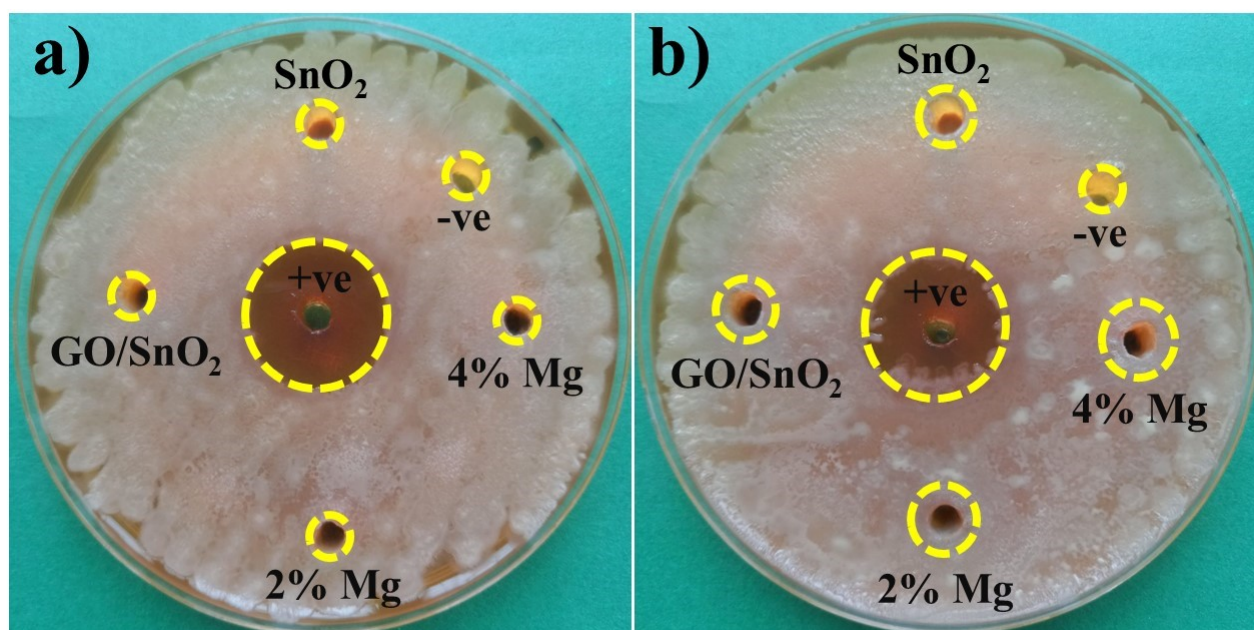


Fig. S3 In-vitro antibacterial activity of as synthesized SnO₂ quantum dots

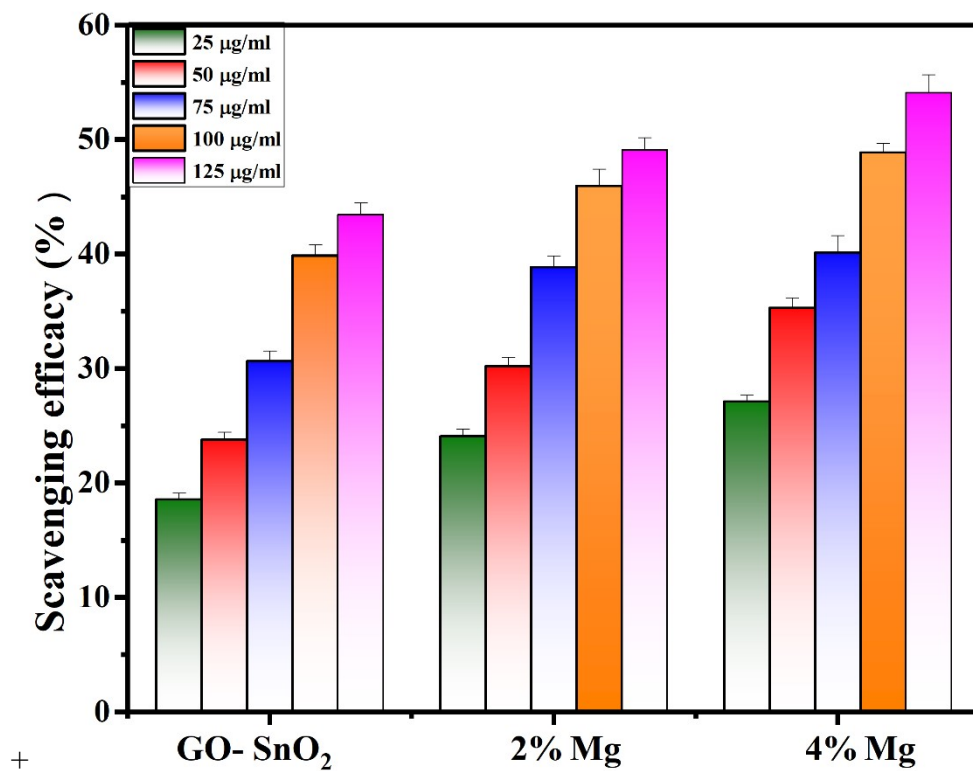


Fig. S4 Scavenging Potential of Mg/GO-SnO₂