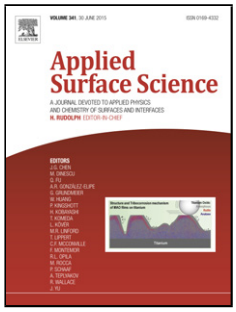

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Study on the bactericidal performance of Graphene/TiO_2 composite photocatalyst in the coating of PEVE

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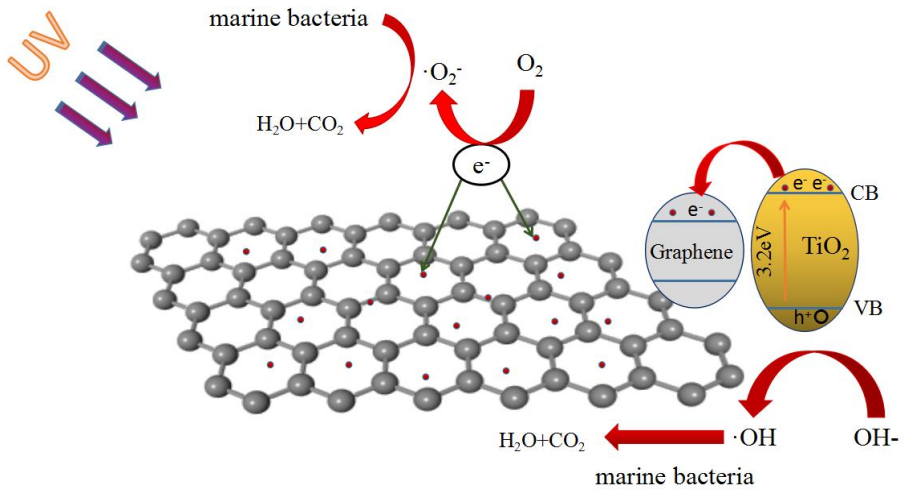
Graphical abstract



·OH can induce DNA oxidative damage

Highlights

- The marine anti-fouling coating was modified by the photocatalysts of graphene/TiO_2.
- The modified coating has excellent antibacterial activity.