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Bismuth vacancy mediated single unit cell Bi_2WO_6 nanosheets for boosting photocatalytic oxygen evolution

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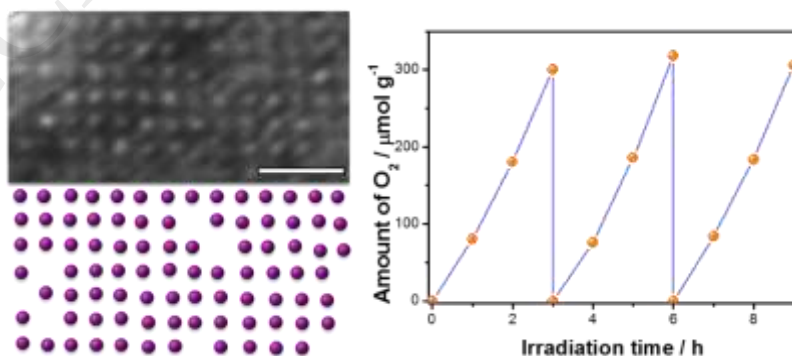
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Graphical Abstract

The bismuth vacancies can create a new defect level in forbidden band and increased density of states at the valence band maximum, resulting in increased charge carrier concentration and electronic conductivity, thus improve the photocatalytic activity.



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