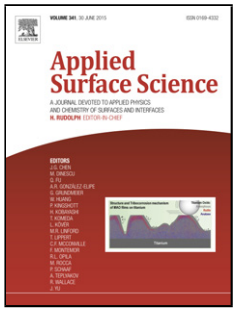

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Enhanced visible light-induced photocatalytic activity of surface-modified BiOBr with Pd nanoparticles

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HIGHLIGHTS:

- Pd nanoparticles were successfully photodeposited on BiOBr
- Pd-BiOBr composite exhibited excellent photocatalytic activities in phenol removal
- An enhanced mechanism of the catalytic activity over the composite was proposed.