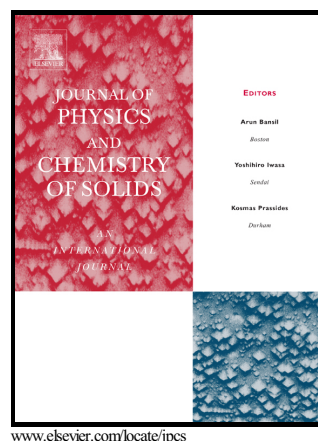


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Photocatalytic degradation of phenol over novel rod shaped Graphene@BiPO₄
nanocomposite

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Abstract

Graphene@BiPO₄ nanocomposite with unique rod shape morphology of BiPO₄ has been successfully fabricated by simple microwave assisted hydrothermal method. The crucial role of graphene oxide in the growth of rod shaped BiPO₄ crystals has been attempted to explain in this article. Graphene oxide acts as a structure-directing and morphology-controlling agent in the nucleation and growth of nanocrystals. The as prepared organic-inorganic hybrid

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