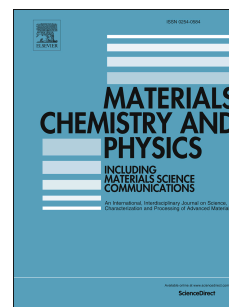


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Fast and Cost-effective Preparation of Antimicrobial Zinc Oxide Embedded in Activated Carbon Composite for Water Purification Applications

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KEYWORDS: Activated carbon; Zinc oxide; Antimicrobial; Water purification; Cost effective

ABSTRACT:

Activated carbon (AC) has been widely used for water purification. However, the microorganisms attached on the AC can result in microorganism secondary contamination in the purification process. Therefore, antimicrobial AC is being developed as a promising solution. In

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