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UVA-induced antimicrobial activity of ZnO/Ag nano-composite covered surfaces

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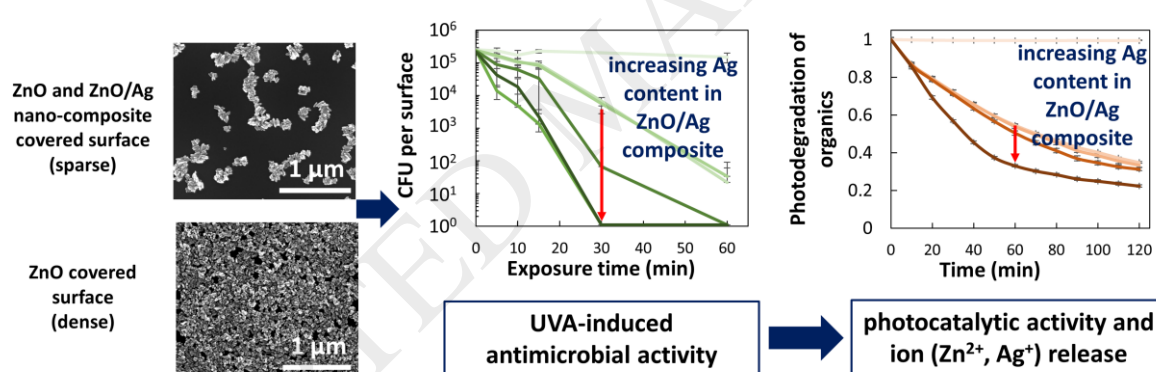
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Graphical abstract



Highlights

- ZnO/Ag nanocomposite surfaces showed high antibacterial (*E. coli*, *S. aureus*) activity under UVA
- The surfaces had some antimicrobial activity also against *C. albicans*
- In dark conditions the surfaces did not exhibit significant antimicrobial effects
- Effect of ZnO/Ag surfaces was due to combined photocatalytic activity and metal ion release

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