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### ACCEPTED MANUSCRIPT

## Photoactive Catalysts for Effective Water Microbial Purification: Morphology-Activity Relationship

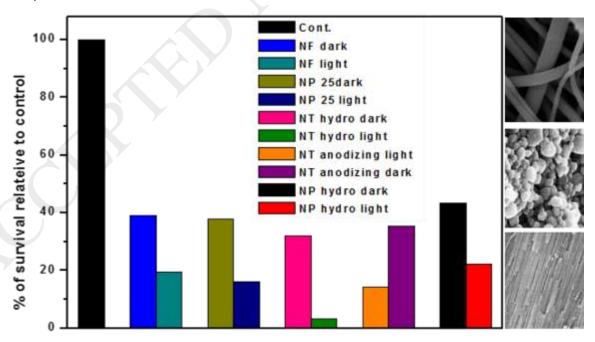
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#### Graphical abstract



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