

Global Challenges

Open Access

Supporting Information

for *Global Challenges*, DOI: 10.1002/gch2.201900054

**Additive Manufactured Graphene Coating with Synergistic
Photothermal and Superhydrophobic Effects for Bactericidal
Applications**

*Nan Jiang, Yilin Wang, Kang Cheung Chan, Ching-Yuen
Chan, Hongzhe Sun,* and Guijun Li**

Supporting Information

Additive Manufactured Graphene Coating with Synergistic Photothermal and Superhydrophobic Effects for Bactericidal Applications

*Nan Jiang¹, Yilin Wang², Kang Cheung Chan², Ching-Yuen Chan², Hongzhe Sun^{*1} and Guijun Li^{*2,3}*

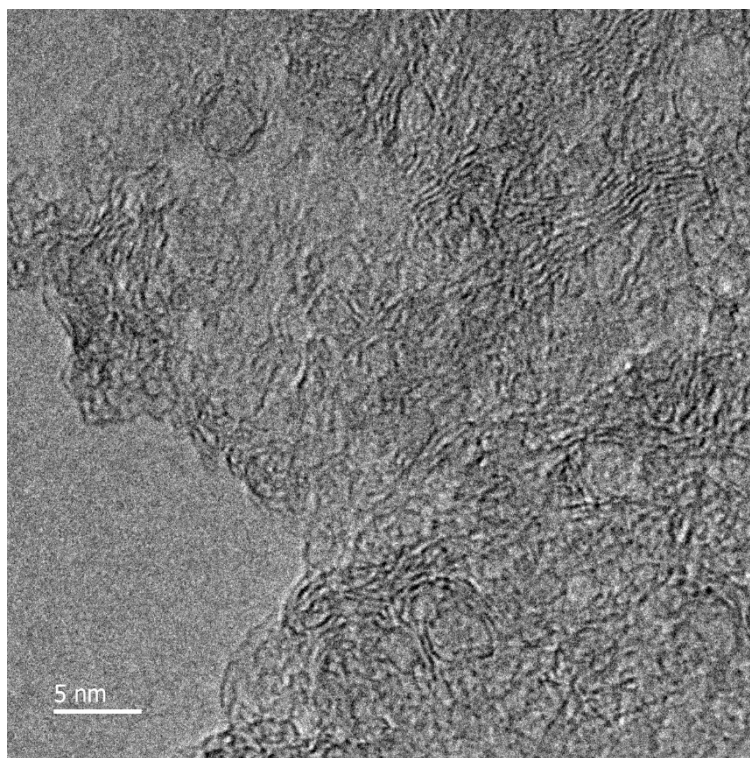


Figure S1. The TEM image of additive manufactured graphene coating.

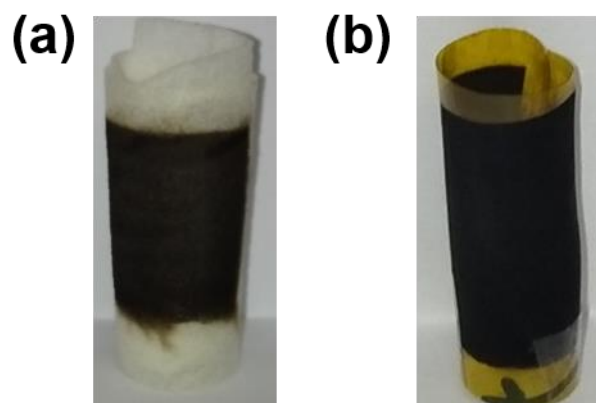


Figure S2. The good resistance of twisting demonstrated by the graphene coated substrates: (a) non-woven fabric and (b) polyimide.