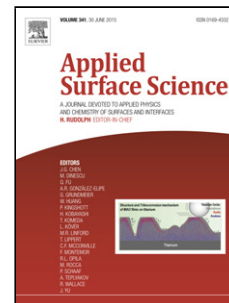


Accepted Manuscript

Title: Study on the bactericidal performance of Graphene/TiO<sub>2</sub> composite photocatalyst in the coating of PEVE

Authors: Zhenyu Zhu, Feng Zhou, Su Zhan, Yu Tian, Qiuchen He



PII: S0169-4332(17)32289-4  
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2017.07.289>  
Reference: APSUSC 36823

To appear in: *APSUSC*

Received date: 20-5-2017  
Revised date: 23-7-2017  
Accepted date: 30-7-2017

Please cite this article as: Zhenyu Zhu, Feng Zhou, Su Zhan, Yu Tian, Qiuchen He, Study on the bactericidal performance of Graphene/TiO<sub>2</sub> composite photocatalyst in the coating of PEVE, Applied Surface Science <http://dx.doi.org/10.1016/j.apsusc.2017.07.289>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Study on the bactericidal performance of Graphene/TiO<sub>2</sub> composite photocatalyst in the coating of PEVE

Zhenyu Zhu, Feng Zhou\*, Su Zhan, Yu Tian, Qiuchen He

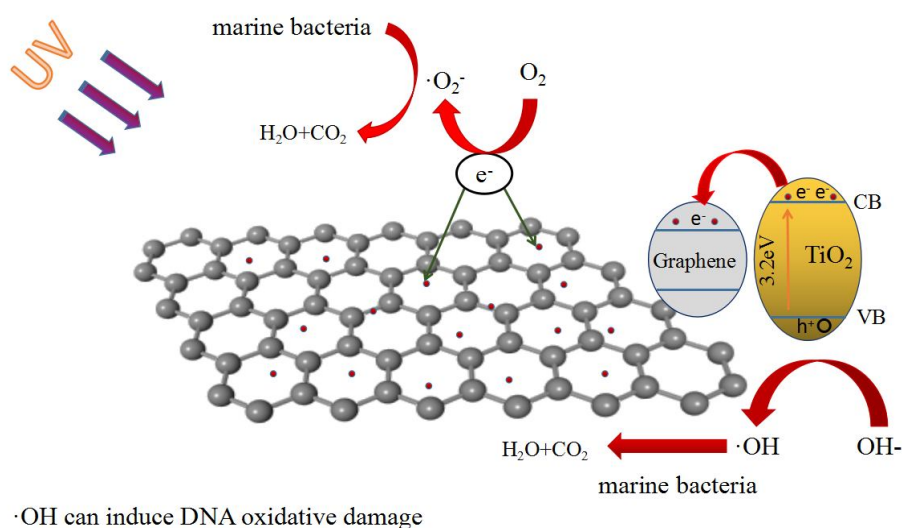
\*Corresponding authors

Key laboratory of Ship-Machinery Maintenance and Manufacture for Ministry of Transport, Dalian Maritime University, Dalian 116026, China

E-mail: zhoufeng99@mails.tsinghua.edu.cn

Phone number: (+86)0411-8472-3586

Graphical abstract



## Highlights

- The marine anti-fouling coating was modified by the photocatalysts of graphene/TiO<sub>2</sub>.
- The modified coating has excellent antibacterial activity.

Download English Version:

<https://daneshyari.com/en/article/7836633>

Download Persian Version:

<https://daneshyari.com/article/7836633>

[Daneshyari.com](https://daneshyari.com)