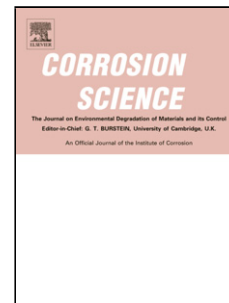


## Accepted Manuscript

Title: Fabrication of CdTe/ZnS core/shell quantum dots sensitized TiO<sub>2</sub> nanotube films for photocathodic protection of stainless steel

Author: Juan Zhang Juan Hu Yan-Feng Zhu Qing Liu Hui  
Zhang Rong-Gui Du Chang-Jian Lin



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# **Fabrication of CdTe/ZnS/core/shell quantum dots sensitized TiO<sub>2</sub> nanotube films for photocathodic protection of stainless steel**

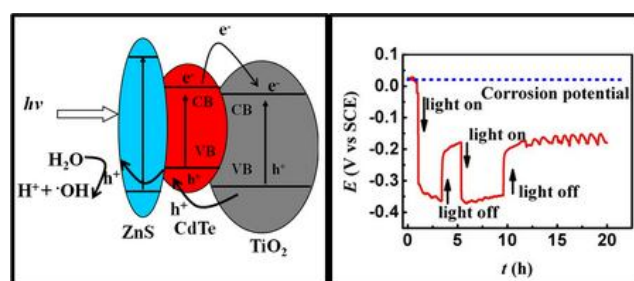
Juan Zhang, Juan Hu, Yan-Feng Zhu, Qing Liu, Hui Zhang, Rong-Gui Du\*,  
Chang-Jian Lin

*State Key Laboratory of Physical Chemistry of Solid Surfaces, Department of  
Chemistry, College of Chemistry and Chemical Engineering, Xiamen University,  
Xiamen 361005, China*

\* Corresponding author. Tel.: +86-592-2189192; fax: +86-592-2186657.

E-mail address: rgdu@xmu.edu.cn (R. G. Du).

Graphical abstract



Highlights

- A CdTe/ZnS/core/shell quantum dots sensitized TiO<sub>2</sub> nanotube film was fabricated.
- The film showed that the optical absorption range was shifted to the visible region.

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