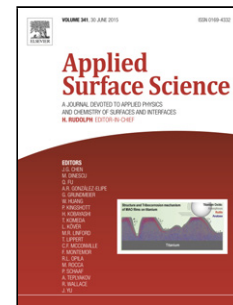


Accepted Manuscript

Title: Preparation of Titanium Dioxide Nanorods/Nanoparticles Via One-Step Hydrothermal Method and Their Influence as a Photoanode Material in Nanocrystalline Dye-Sensitized Solar Cell

Authors: Rajamanickam Govindaraj, Narendiran Santhosh, Muthu Senthil Pandian, Perumalsamy Ramasamy



PII: S0169-4332(18)30173-9
DOI: <https://doi.org/10.1016/j.apsusc.2018.01.161>
Reference: APSUSC 38300

To appear in: *APSUSC*

Received date: 20-8-2017
Revised date: 20-12-2017
Accepted date: 19-1-2018

Please cite this article as: Rajamanickam Govindaraj, Narendiran Santhosh, Muthu Senthil Pandian, Perumalsamy Ramasamy, Preparation of Titanium Dioxide Nanorods/Nanoparticles Via One-Step Hydrothermal Method and Their Influence as a Photoanode Material in Nanocrystalline Dye-Sensitized Solar Cell, *Applied Surface Science* <https://doi.org/10.1016/j.apsusc.2018.01.161>

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.

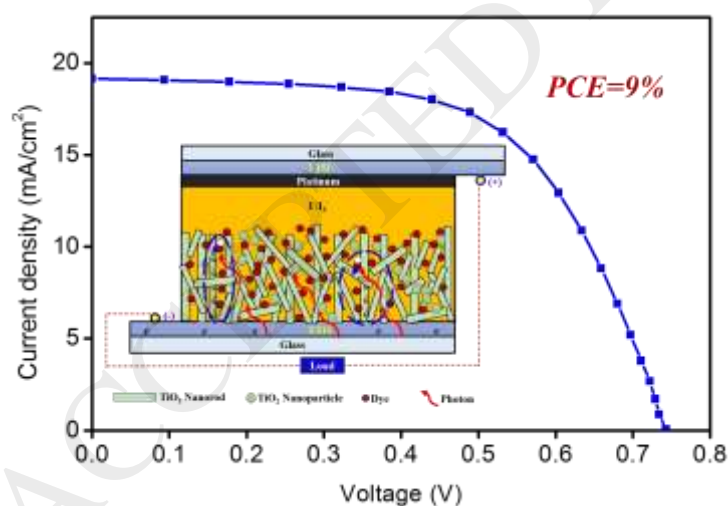
Preparation of Titanium Dioxide Nanorods/Nanoparticles Via One-Step Hydrothermal Method and Their Influence as a Photoanode Material in Nanocrystalline Dye-Sensitized Solar Cell

Rajamanickam Govindaraj*, Narendiran Santhosh, Muthu Senthil Pandian and Perumalsamy Ramasamy

SSN College of Engineering, Kalavakkam, Tamil Nadu, India-603 110

Corresponding authors mail ID: isrogovindaraj@gmail.com

Graphical Abstract



Fabrication of dye sensitized solar cell with NRs/NPs and their improved performance

Download English Version:

<https://daneshyari.com/en/article/7833617>

Download Persian Version:

<https://daneshyari.com/article/7833617>

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