Materials Science and Engineering 8 288 (2023) 116212



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## Ion beam irradiation: Novel approach for preparation of Ag coated N doped nanocrystalline anatase TiO<sub>2</sub> films

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## **ARTICLEINFO**

Exposeda: Annua TD<sub>2</sub> N/Ng dopad TD<sub>2</sub> Nilvegen irradiation, Electrochemical Impedance Spectroscopy (EIS) Farmas spectroscopy (EIS)

## ABSTRACT

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## 1. Introduction

In the res of andores advanced retrokings, the reg sourced the traditions of new foreign devices in a set of an emposite any experiment properties, by a leading and the set of the set of

and also as a catalyst for photocatalytic decomposition (18-21).

Offleter manipulscolar bias analysis (12), more description (12), m

TiO2 is a promising photocatalyst in the ultraviolet region. The nitrogen-doped TiO2 lowers the bandgap of TiO2, showing good

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https://doi.org/10.1016/j.mseb.2022.115212

Received 8 May 2022; Received in revised form 23 November 2022; Accepted 27 November 2022

Available online 16 December 2022 0921-5107/E 2022 Elarvier B.V. All rights reserved.