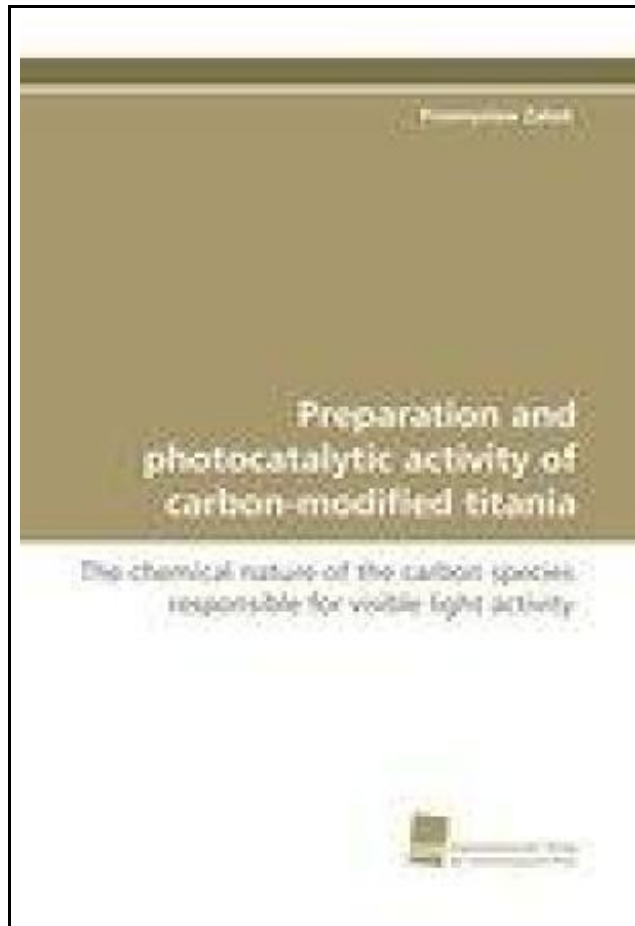


## Preparation and photocatalytic activity of carbon-modified titania



Filesize: 2.89 MB

### ***Reviews***

*This publication will be worth purchasing. It really is written in simple terms instead of difficult to understand. It has been designed in an exceptionally simple way and is particularly only right after I finished reading this ebook in which basically modified me, alter the way I believe.*

***(Prof. Loyce Runolfsson Jr.)***

## PREPARATION AND PHOTOCATALYTIC ACTIVITY OF CARBON-MODIFIED TITANIA



To save **Preparation and photocatalytic activity of carbon-modified titania** eBook, remember to refer to the button under and download the file or get access to other information which are in conjunction with **PREPARATION AND PHOTOCATALYTIC ACTIVITY OF CARBON-MODIFIED TITANIA** book.

Südwestdeutscher Verlag Für Hochschulschriften AG Co. KG Nov 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x6 mm. This item is printed on demand - Print on Demand Neuware - In last decades heterogeneous photocatalysis has received great attention due to its wide range of environmental applications like removal of water and air pollutants by using sun light as renewable energy source. The white powder titanium dioxide is commonly used as photocatalyst. Unfortunately this semiconductor due to its large bandgap can absorb only the very small ultraviolet part of solar radiation. To utilize also the much larger visible part, various 'carbon-doping' methods have been developed for titanium dioxide. This book discusses and clarifies the basic properties of the previously unknown chemical nature of the carbon species responsible for visible light activity. It further deals with different organic precursors such as organic acids, toluene and polyols. As a renewable organic modifier, easy available wood shavings were also successfully applied. These carbon-modified titania materials induce the complete photo-oxidation of organic pollutants like 4-chlorophenol upon irradiation with visible light. 92 pp. Englisch.



[Read Preparation and photocatalytic activity of carbon-modified titania Online](#)



[Download PDF Preparation and photocatalytic activity of carbon-modified titania](#)

## You May Also Like



**[PDF] Programming in D**

Follow the web link listed below to download "Programming in D" document.

[Download ePub »](#)



**[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)**

Follow the web link listed below to download "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (Hardback)" document.

[Download ePub »](#)



**[PDF] You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most**

Follow the web link listed below to download "You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most" document.

[Download ePub »](#)



**[PDF] Psychologisches Testverfahren**

Follow the web link listed below to download "Psychologisches Testverfahren" document.

[Download ePub »](#)



**[PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer**

Follow the web link listed below to download "Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer" document.

[Download ePub »](#)



**[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird**

Follow the web link listed below to download "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" document.

[Download ePub »](#)