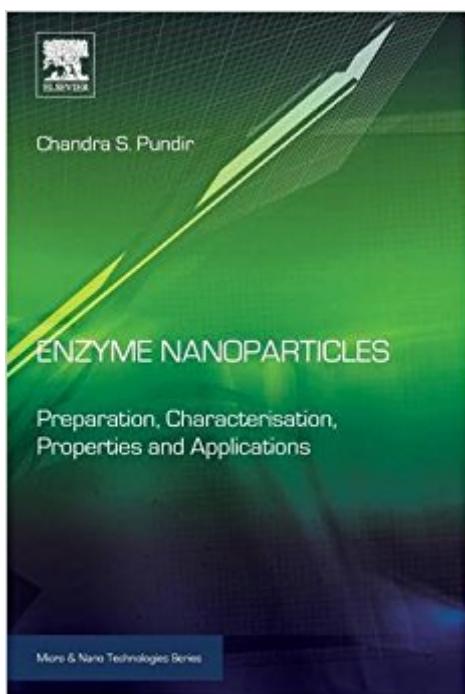


The book was found

# Enzyme Nanoparticles: Preparation, Characterisation, Properties And Applications (Micro And Nano Technologies)



## Synopsis

This book is the first book in English on nanotechnology and nanomaterials integrating with enzymatic systems, with a focus on nanoparticles and biological applications. It covers comprehensively the relevant topics to understand the development of enzyme nanoparticles as it relates to the complicated structures of enzyme nanoparticles and their functionalization and immobilization on to various supports. The preparation of enzyme nanoparticles, their kinetic properties and applications after immobilization of the immobilized enzyme nanoparticles is described. The use of colour images in all formats of the book will improve the understanding of the topics covered. The book offers an integration of Enzymology and Nanotechnology and provides the latest information on preparation of enzyme nanoparticles, their characterization, their functionalization and immobilization on to various supports and thereafter their kinetic properties and applications in various industries with special reference to Biosensor Technology. Focus on enzyme nanotechnology, given the wide appeal of enzymes for diagnostics, therapy and biocatalysis Provision of a general background to the topic, but also a detailed description of synthesis, preparation and applications

## Book Information

Series: Micro and Nano Technologies

Paperback: 82 pages

Publisher: William Andrew; 1 edition (June 9, 2015)

Language: English

ISBN-10: 0323389139

ISBN-13: 978-0323389136

Product Dimensions: 6 x 0.2 x 9 inches

Shipping Weight: 5.6 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #9,836,370 in Books (See Top 100 in Books) #78 in Books > Medical Books > Veterinary Medicine > Dentistry #598 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Sensors #1011 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Medical Technology

[Download to continue reading...](#)

Enzyme Nanoparticles: Preparation, Characterisation, Properties and Applications (Micro and Nano Technologies) Simulating Enzyme Reactivity: Computational Methods in Enzyme Catalysis

(Theoretical and Computational Chemistry Series) Handbook of Micro/Nano Tribology, Second Edition (Mechanics & Materials Science) Micro Irrigation Management: Technological Advances and Their Applications (Innovations and Challenges in Micro Irrigation) ECON MICRO (with ECON MICRO Online, 1 term (6 months) Printed Access Card) (New, Engaging Titles from 4LTR Press) Number Properties GMAT Preparation Guide (Manhattan GMAT Preparation Guide: Sentence Correction) Glencoe Keyboarding with Computer Applications, Microsoft Office 2007, Applications 1-150, Student Manual (JOHNSON: GREGG MICRO KEYBOARD) Microcapsules and Nanoparticles in Medicine and Pharmacy Light Scattering, Size Exclusion Chromatography and Asymmetric Flow Field Flow Fractionation: Powerful Tools for the Characterization of Polymers, Proteins and Nanoparticles Nanoparticles in the Fight Against Parasites (Parasitology Research Monographs) Encapsulation Technologies for Electronic Applications (Materials and Processes for Electronic Applications) Feature Detectors and Motion Detection in Video Processing (Advances in Multimedia and Interactive Technologies) (Advances in Multimedia and Interactive Technologies (Amit)) Telemedicine Technologies: Information Technologies in Medicine and Telehealth Coal Power Technologies Explained Simply: Energy Technologies Explained Simply (Volume 6) Dental Materials: Properties and Manipulation, 9e (Dental Materials: Properties & Manipulation (Craig)) Dental Materials: Properties and Manipulation, 8e (Dental Materials: Properties & Manipulation (Craig)) Cracking the AP Economics Macro & Micro Exams, 2018 Edition: Proven Techniques to Help You Score a 5 (College Test Preparation) Cracking the AP Economics Macro & Micro Exams, 2017 Edition: Proven Techniques to Help You Score a 5 (College Test Preparation) Cracking the AP Economics Macro & Micro Exams, 2014 Edition (College Test Preparation) Structure and Mechanism in Protein Science: A Guide to Enzyme Catalysis and Protein Folding

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)