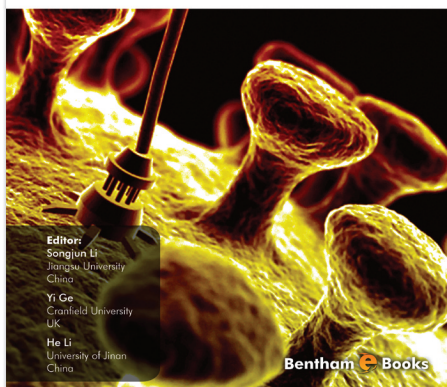


eISBN: 978-1-60805-241-7

Smart Nanomaterials for Sensor Application



Editors:
Songjun Li
China

Yi Ge
UK

He Li
China

eISBN: 978-1-60805-241-7

US\$
34.00
only

Smart Nanomaterials for Sensor Application

www.ebooks.benthamscience.com/ebooks/9781608052417

About the ebook

Recent concerns about environmental exposure to both biological and chemical agents have been critical to the development of new sensor and detector technologies. New materials are being developed to meet the challenges ahead. Smart nanomaterials appear to be a key solution to these challenges. This e-book summarizes current progress in sensor applications of smart nanomaterials.

Contents

- ▶ Smart Nanomaterials for Biosensors, Biochips and Molecular Bioelectronics
- ▶ Metal Nanoparticles-Based Affinity Biosensors
- ▶ Optical Sensors Based on Molecularly Imprinted Nanomaterials
- ▶ Thermo Sensitive Polymers for Prolong Delivery of Contraceptive Hormones in Women
- ▶ Prospects of Nanosensors in Environmental and Biomedical Fields
- ▶ Growth of CdSe Nanoparticles on Abscisic Acid Nanofibers and their Interactions with HeLa cells
- ▶ Fabrication and Optimization of a Hydrogel Drug Delivery System for a Potential Wound Healing Application

For Sales Advertising Inquiries: Contact: marketing@benthamscience.org