

## modern chemical functional materials



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paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 398 Publisher: Chemical Industry Press Pub. Date :2009-08. Functional materials of modern chemistry of 10 chapters introduces the main types of chemical functional materials, preparation methods and their applications. The development of functional materials for chemical forefront of the latest research results at home and abroad, combined with years of research and editor of the practice and teaching experience, and strive to achieve innovative, well-documented, reflecting the international advanced level. Modern functional materials science can serve as institutions of higher learning materials, Chemical Engineering and Technology, Applied Chemistry and other related professional post-graduate, undergraduate teaching books, but also can be used as tertiary, secondary and higher vocational and technical college teaching-related professional references book, but also as materials, chemicals and other related fields of engineering and technical staff reference. Contents: Introduction 1 Chapter 1 Chapter 2 Overview of nano-materials 32.1 32.2 nm physical properties of the material properties 42.2.1 Physical Properties 52.2.3 52.2.2 72.2.4 optical properties of quantum size effects of quantum tunneling effect 72.2.6 72.2.5 Other 72.3 the special nature of the preparation method of nano-materials preparation 82.3.1 Introduction 82.3.2 nanomaterials precipitation 112.3.3 122.3.4 hydrothermal sol gel microemulsion 142.3.6 132.3.5 172.3.7 electrochemical Template ultrasonic chemical 192.3.8 252.3.1 212.3.9 self-assembly 10 Carbon Nanotubes Nano-Ceramics 282.3.1 292.3.1 312.4 2 nm thin films of nano-materials applications in nano-materials 332.4.1 342.4.2 textile industry in the application of nanomaterials in medicine and bio-engineering applications 372.4.3 nanotechnology in military applications 402.4.4 nano-materials in the chemical aspects of the application of environmental protection applications 422.4.5 482.4.6 nano Ceramic applications of carbon nanotubes application 502.4.7 51 References 52 Chapter 3. new catalytic materials 543.1 noneFour Satisfaction guaranteed, or money back.



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