## Diversity and Applications of New Age Nanoparticles

Part of the Advances in Chemical and Materials Engineering Book Series

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## **Description:**

Nanoparticles are revolutionizing and helping to improve every sector including engineering, medicine, food safety, transportation, energy, and environmental science. To ensure industries take full advantage of the opportunities nanoparticles provide, further study on the advancements and challenges within the field is required.

**Diversity and Applications of New Age Nanoparticles** considers new developments and applications of nanoparticles and addresses the development of new materials, synthesis routes, and emerging research in this field. Covering key topics such as antibiotics, thin films, battery technologies, and composites, this premier reference source is ideal for industry professionals, computer scientists, policymakers, engineers, pharmacists, medical professionals, researchers, scholars, practitioners, instructors, and students.

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## **Topics Covered:**

Antibiotics Battery Technologies Biomedical Applications Carbon Commercialization Composites Nanoparticles Photo-Catalytic Applications Smart Materials Thin Films

Subject: Science and EngineeringClassification: Edited ReferenceReadership Level: Advanced-Academic Level<br/>(Research Recommended)Research Suitable for: Advanced Undergraduate<br/>Students; Graduate Students; Researchers;<br/>Academicians; Professionals; Practitioners

