Tailor / Chaudhary / Singh

Nanomaterials

Green Synthesis Routes and Their Catalytic, Biomedical Applications

This book highlights synthesis of nanoparticles via greener approaches, emphasizing its catalytic activities and industrial uses which helps to understand the technology of nanoparticles. The book presents simple, efficient and eco-friendly-benign organic transformation methods by the use of nanoparticles and its oxides as catalyst to overcome the traditional protocols. It presents applications of Polymeric Nanomaterials as therapeutic agents, Metal oxide-based nanomaterial in novel Drug Delivery Systems, role of nanotechnology in Agriculture, and the potential impact of nanoscience or nanoparticles technology. The book provides a sound basis in contemporary nano science based on nanoparticles synthesis and generates interest that is vital for developing new direction in various nanotech areas.

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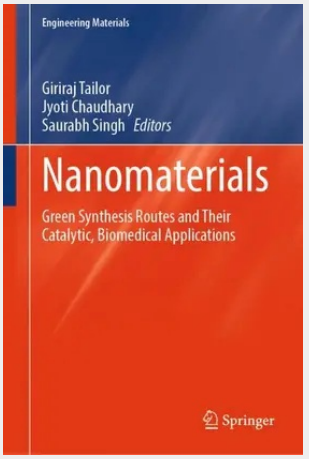

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