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Altri autori (Persone)	RaiMahendra PostenClemens
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Green technology for nanoparticles on biomedical application -- Multiple strategic approaches for green synthesis and application of silver and gold nanoparticles -- Role of natural products in green synthesis of nanoparticles -- Biological synthesis of nanoparticles using algae -- Synthesis of metallic nanoparticles by diatoms : prospect and applications -- Green synthesis of silver and gold nanoparticles using plant extracts -- Rolls and sandwiches : cages and barrels -- Understanding the involved mechanisms in plant mediated synthesis of nanoparticles -- Synthesis of nanostructured calcite particles in coccolithophores, unicellular algae -- Phytotoxic effects of metal nanoparticles in plants -- Biomineralization, properties and applications of bacterial magnetosomes -- Interactions between plant-produced nanoparticles and antibiotics as a way of coping with bacterial resistance -- Nanostructured particles from coccolithophores : an undiscovered resource for applications -- Applications of

	nanoparticles synthesized by yeasts : green and eco-friendly method.
Sommario/riassunto	There are physical and chemical methods of synthesis of nanomaterials. But due to the damage caused by these methods to the environment there is a pressing need of green nanotechnology, which is a clean and eco-friendly technology for the development of nanomaterials. The present book includes green synthesis of nanoparticles by algae, diatoms and plants. The mechanism behind the synthesis of nanoparticles will also be discussed.