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Descrizione fisica	1 online resource (221 pages)
Collana	Advances in nanotechnology & applications
Classificazione	TEC021000
Disciplina	615.1/9
Soggetti	Nanoparticles Nanostructured materials Carbon TECHNOLOGY & ENGINEERING / Material Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	"Sales handles: - Biocompatible Carbon Dots as a suitable nanoparticle for health care Swarming Carbon dots can cross Blood Brain Barrier and deliver drugs for Neurodegenerative disease Conjugated/functionalized Carbon dots as tri-functional nano-worms for anti-cancer drug delivery, photothermal therapy and bioimaging Also discusses the suitability of Carbon Dots as payload for plant nutrient and drugs Market description: Scientists, researchers, clinicians, and biotechnologists working on theranostics; biomedical industrial sectors working on system biology, diagnostics, imaging, image-guided therapy employing state-of-the-art techniques; and PhD, master and under graduate level courses on therapeutics, biosensors, and translational medicine and personalized medicine"--