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Nota di contenuto	Introduction to carbon and carbon nanomaterials -- Fullerenes -- Single-walled carbon nanotubes -- Multi-walled carbon nanotubes -- Carbon nano fibers and filaments -- Graphene and graphene oxide -- Graphene nanoribbons -- Graphene quantum dots -- Amorphous nanocarbons -- Toxicity of carbon nanomaterials -- Summary and future trends.
Sommario/riassunto	"This book highlights the importance of carbon structures for technological advancements in applications for industrial and societal benefits. It provides an opportunity for researchers from different backgrounds and disciplines to take up further research on synthesis, properties, and applications of carbon nanomaterials. Each chapter introduces a particular carbon nanomaterial. Additionally, the book provides scientific inputs along with emerging perspectives from the author who has devoted almost four decades to the field of carbon science and technology"--