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Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. Basic properties of lightweight carbon materials -- 2. Preparation and properties test for lightweight carbon composite materials -- 3. Application of lightweight carbon material and its composite in national defense environmental protection -- 4. Application of lightweight carbon material and composite material in electromagnetic wave absorbing material -- 5. Application of lightweight carbon materials and composites in protective materials -- 6. Future development -- Index
Sommario/riassunto	Low-dimensional Materials and Applications systematically introduces the preparation and performance of low-dimensional materials, such as carbon fiber, carbon nanotubes, graphene etc, as well as their applications in environmental pollution control, electronics, coating industry and defense technologies. Written with a practical focus and containing abundant examples, it is well suited for both researchers and engineers.