Graphene Functionalization Strategies

From Synthesis to Applications

- Discusses various aspects of graphene functionalization strategies from inorganic oxides and organic moieties, including preparation, design, and characterization of functionalization material
- Provides valuable information on graphene functionalization using different techniques and materials and highlights the latest technologies in the field of manufacturing and design
- Includes illustrations and tables summarizing recent research in the field

This book discusses various aspects of graphene functionalization strategies from inorganic oxides and organic moieties including preparation, design, and characterization of functionalization material and its applications. Including illustrations and tables summarizing the latest research on manufacturing, design, characterization and applications of graphene functionalization, it describes graphene functionalization using different techniques and materials and highlights the latest technologies in the field of manufacturing and design. This book is a valuable reference resource for lecturers, students, researchers and industrialists working in the field of material science, especially polymer composites.

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