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Nota di contenuto	Chapter 1: Introduction to Perovskite -- Chapter 2: Perovskites- An Overview -- Chapter 3: Preparation methods of Perovskite materials -- Chapter 4: Properties of Perovskite materials -- Chapter 5: Theoretical approach of Perovskite materials -- Chapter 6: Perovskite materials for energy storage applications -- Chapter 7: Perovskite materials in photovoltaics -- Chapter 8: Perovskite materials in Electrocatalysis -- Chapter 9: Perovskite materials in Sensors -- Chapter 10: Electronic devices based on Perovskite materials -- Chapter 11: Perovskite materials in Photocatalysts -- Chapter 12: Perovskite materials in biomedical applications -- Chapter 13: Future challenges of the Perovskite materials.
Sommario/riassunto	This volume presents advanced synthesis techniques for fabricating Perovskite materials with enhanced properties for applications such as energy storage devices, photovoltaics, electrocatalysis, electronic devices, photocatalysts, sensing, and biomedical instruments. The book attempts to fill a gap in the published literature and provide a detailed reference on Perovskite materials. This book will be of use to graduate students and academic and industrial researchers in the fields of solid-

state chemistry, physics, materials science, and chemical engineering.
