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## Sommario/riassunto

This book, 'Advanced Materials for Battery Separators,' is a comprehensive guide that explores the development and application of advanced materials for battery separators. Edited by Sabu Thomas and a team of international experts, it delves into various types of batteries, including lithium-ion, lithium-sulfur, and redox flow batteries, among others. The book highlights the importance of separators as critical components ensuring battery efficiency and safety. It discusses the properties, preparation methods, and performance evaluation of different separator materials. The work aims to provide researchers and professionals in the field of energy storage and materials science with current insights into the challenges and innovations in battery separator technology.

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