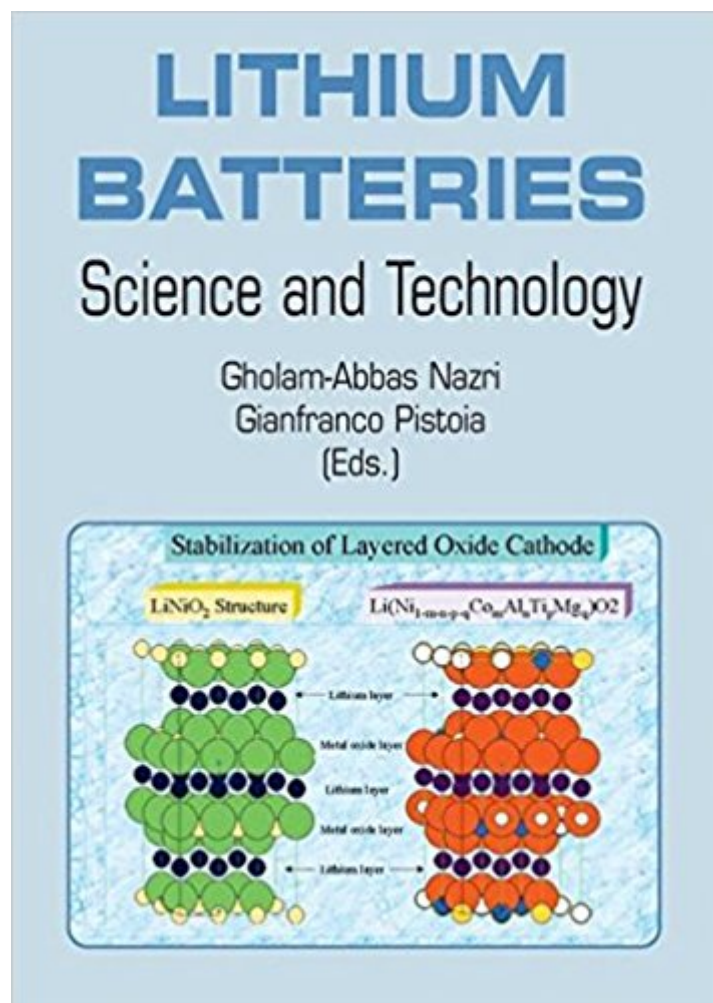


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Lithium Batteries: Science And Technology



Synopsis

Lithium Batteries: Science and Technology is an up-to-date and comprehensive compendium on advanced power sources and energy related topics. Each chapter is a detailed and thorough treatment of its subject. The volume includes several tutorials and contributes to an understanding of the many fields that impact the development of lithium batteries. Recent advances on various components are included and numerous examples of innovation are presented. Extensive references are given at the end of each chapter. All contributors are internationally recognized experts in their respective specialty. The fundamental knowledge necessary for designing new battery materials with desired physical and chemical properties including structural, electronic and reactivity are discussed. The molecular engineering of battery materials is treated by the most advanced theoretical and experimental methods.

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From the reviews: "Among the various successful developments in electrochemical energy technology there is hardly any match for lithium batteries. The editor's expertise both as actual researcher in the area and as consultant provide a solid foundation. This book has a very logical and evident structure providing easy access for anybody interested in this area of research and technology. The book is carefully prepared." (Rudolf Holze, Journal of Solid State Electrochemistry, Vol. 9 (11), 2005)

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This is an in depth book about Li battery chemistry. Probably very good. But it is not "everything about Li batteries" as it only covers chemistry.

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