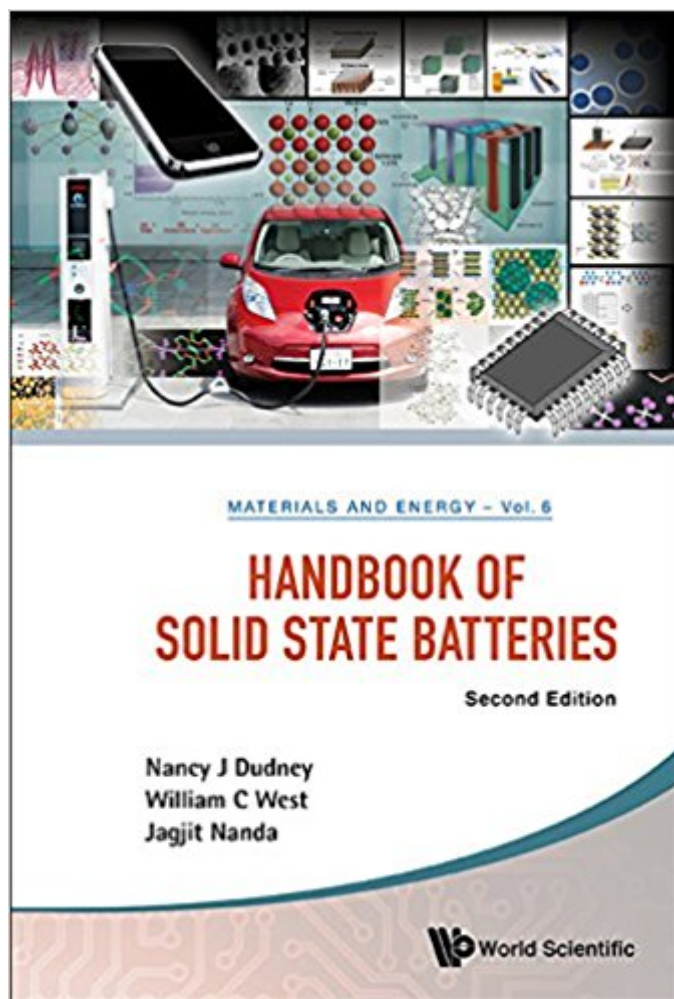


The book was found

Handbook Of Solid State Batteries (Materials And Energy)



Synopsis

Solid-state batteries hold the promise of providing energy storage with high volumetric and gravimetric energy densities at high power densities, yet with far less safety issues relative to those associated with conventional liquid or gel-based lithium-ion batteries. Solid-state batteries are envisioned to be useful for a broad spectrum of energy storage applications, including powering automobiles and portable electronic devices, as well as stationary storage and load-leveling of renewably generated energy. This comprehensive handbook covers a wide range of topics related to solid-state batteries, including advanced enabling characterization techniques, fundamentals of solid-state systems, novel solid electrolyte systems, interfaces, cell-level studies, and three-dimensional architectures. It is directed at physicists, chemists, materials scientists, electrochemists, electrical engineers, battery technologists, and evaluators of present and future generations of power sources. This handbook serves as a reference text providing state-of-the-art reviews on solid-state battery technologies, as well as providing insights into likely future developments in the field. It is extensively annotated with comprehensive references useful to the student and practitioners in the field.

Book Information

File Size: 28000 KB

Print Length: 836 pages

Publisher: WSPC; 2 edition (July 9, 2015)

Publication Date: July 23, 2015

Sold by:Â Digital Services LLC

Language: English

ASIN: B012CEMAOU

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #613,121 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #13

inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Electrical & Electronics > Solid State #35 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Solid State #131 inÂ Kindle Store > Kindle eBooks > Nonfiction >

Customer Reviews

aok

[Download to continue reading...](#)

Handbook of Solid State Batteries (Materials and Energy) Handbook of Solid State Batteries 2nd Edition (Materials and Energy - Volume 6) The Floridas: The Sunshine State * The Alligator State * The Everglade State * The Orange State * The Flower State * The Peninsula State * The Gulf State LITHIUM-ION BATTERIES: SOLID-ELECTROLYTE INTERPHASE Reiki: The Healing Energy of Reiki - Beginnerâ€™s Guide for Reiki Energy and Spiritual Healing: Reiki: Easy and Simple Energy Healing Techniques Using the ... Energy Healing for Beginners Book 1) Li-S and Li-O2 Batteries with High Specific Energy: Research and Development (SpringerBriefs in Molecular Science) Lithium Metal Anodes and Rechargeable Lithium Metal Batteries (Springer Series in Materials Science) Solid State Electrochemistry and Its Applications to Sensors and Electronic Devices (Materials Science Monographs) Advanced Batteries: Materials Science Aspects The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Solid State Physics for Engineering and Materials Science Fatigue of Materials (Cambridge Solid State Science Series) Second Edition Computational Materials Science: From Ab Initio to Monte Carlo Methods (Springer Series in Solid-State Sciences) Solid-State Physics: An Introduction to Principles of Materials Science (Advanced Texts in Physics (Paperback)) Off Grid Solar: A handbook for Photovoltaics with Lead-Acid or Lithium-Ion batteries Handbook of Solid State Electrochemistry Energy Harvesting: Solar, Wind, and Ocean Energy Conversion Systems (Energy, Power Electronics, and Machines) Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources Crystals: The Ultimate Guide To: Energy Fields, Auras, Chakras and Emotional Healing (Aura, Healing Stones, Crystal Energy, Crystal Healing, Energy Fields, Emotional Healing, Gemstone) Engineered Materials Handbook: Ceramics and Glasses (Engineered Materials Handbook, Vol. 4)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)