

Solid state batteries materials design and optimization

This review discusses the underlying factors governing cycle and rate capabilities, recent advances in rate capability of cathodes and anodes, the design strategy of thin film solid electrolyte...

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Our work provides new suggestions for optimizing the synthesis of solid-state electrolytes, which can help facilitate the commercial application of solid-state batteries.

Solid state batteries: Materials design and optimization. By Christian Julien, Gholam-Abbas Nazri, Kluwer Academic, Dordrecht, The Netherlands 1994, XI, 629 pp., hardcover, \$175.00, ISBN 0 ...

2 · This review shows the latest advances in solid-state lithium metal batteries with focus on the different materials used for their development and the rational design of materials and ...

The field of solid state ionics is multidisciplinary in nature. Chemists, physicists, electrochemists, and engineers all are involved in the research and development of materials, techniques, and theoretical approaches.

Materials for solid state batteries : proceedings of the Regional Workshop, Singapore 2-6 June 1986 :Regional workshop on materials for solid state batteries

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Solid State Batteries: Materials Design and Optimization treats the fundamental and experimental aspects of solid state batteries, including the basic requirements for optimum performance of ...

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