

## eBook Information

# Supercapacitor Technology

Materials, Processes and Architectures

**Eds. Inamuddin, Rajender Boddula, Mohd Imran Ahamed and Abdullah M. Asiri**

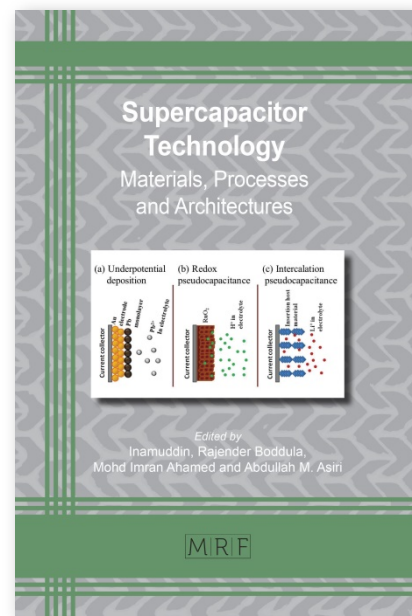
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The book covers inorganic, organic and gel-polymer electrolytes, electrodes and separators used in different types of supercapacitors.

**Keyword:** Supercapacitors, Rechargeable Batteries, Organic Electrolytes, Inorganic Electrolytes, Gel Polymer based Supercapacitors, Redox Electrolytes, Starch-Based Electrolytes, Flexible Supercapacitors, Pseudocapacitors, Carbon Nanoarchitectures for Supercapacitors, Photo-Supercapacitors, Bimetal Oxides/Sulfides for Electrochemical Supercapacitors

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274 pages, PDF eBook DRM Free, USD 125.00**Materials Research Foundations Vol. 61 / BISAC:** TEC021000 / **BIC/Thema:** TGM**Imprint:** Materials Research Forum LLC, *Publisher's sales rights are Worldwide***Summary:**

Supercapacitors are most interesting in the area of rechargeable battery based energy storage because they offer an unbeatable power density, quick charge/discharge rates and prolonged lifetimes in comparison to batteries. The book covers inorganic, organic and gel-polymer electrolytes, electrodes and separators used in different types of supercapacitors; with emphasis on material synthesis, characterization, fundamental electrochemical properties and most promising applications.



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Handbook / color print, paperback

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