### **eBook Information**



Materials Research Solid State Physics and Engineering

# **Graphene as Energy Storage Material for Supercapacitors**

Eds. Inamuddin, Rajender Boddula, Mohammad Faraz Ahmer and Abdullah M. Asiri

PDF eBook / PDF eBook DRM Free

A comprehensive review of graphene-based supercapacitor technology is presented. The book focusses on synthesis, characterization, fundamental properties and promising applications of graphene materials and various types of graphene-based composites.

*Keyword:* Graphene, Energy Storage Materials, Supercapacitors, Micro-Supercapacitors, Self-Healable Supercapacitors, Graphene-Based ZnO Nanocomposites, Defect Engineered Graphene Materials, Electric Power Systems

**ISBN 13:** 978-1-64490-054-3, **Publication Date:** 2020 (1/20/2020)

**Direct URL:** https://www.mrforum.com/product/graphene-energy-storage-

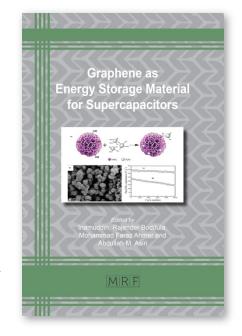
material-supercapacitors

284 pages, PDF eBook DRM Free, USD 125.00

Materials Research Foundations Vol. 64 / **BISAC:** TEC021000 / **BIC/Thema:** TGM **Imprint:** Materials Research Forum LLC, *Publisher's sales rights are Wordwide* 

#### Summary:

The book presents a comprehensive review of graphene-based supercapacitor technology. It focusses on synthesis, characterization, fundamental properties and promising applications of graphene materials and various types of graphene-based composites. The wide range of applications include electric power systems of portable electronics, hybrid-electric vehicles, mobile phones etc.



http://www.mrforum.com

Phone: (+1) 717 872 1943

e-mail: t.wohlbier@mrforum.com

### **Book Information**



## Materials Research Solid State Physics and Engineering

# **Graphene as Energy Storage Material for Supercapacitors**

Eds. Inamuddin, Rajender Boddula, Mohammad Faraz Ahmer and Abdullah M. Asiri

Handbook / color print, paperback

A comprehensive review of graphene-based supercapacitor technology is presented. The book focusses on synthesis, characterization, fundamental properties and promising applications of graphene materials and various types of graphene-based composites.

Keyword: Graphene, Energy Storage Materials, Supercapacitors, Micro-Supercapacitors, Self-Healable Supercapacitors, Graphene-Based ZnO Nanocomposites, Defect Engineered Graphene Materials, Electric Power Systems

**ISBN 13:** 978-1-64490-054-3, **Publication Date:** 2020 (1/20/2020)

**Direct URL:** https://www.mrforum.com/product/graphene-energy-storage-

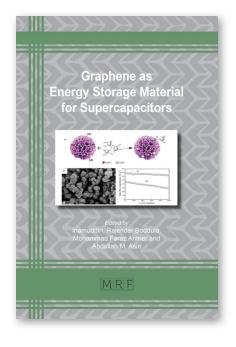
material-supercapacitors

284 pages, color print, paperback, USD 125.00

Materials Research Foundations Vol. 64 / **BISAC:** TEC021000 / **BIC/Thema:** TGM **Imprint:** Materials Research Forum LLC, *Publisher's sales rights are Wordwide* 

#### Summary:

The book presents a comprehensive review of graphene-based supercapacitor technology. It focusses on synthesis, characterization, fundamental properties and promising applications of graphene materials and various types of graphene-based composites. The wide range of applications include electric power systems of portable electronics, hybrid-electric vehicles, mobile phones etc.



http://www.mrforum.com

Phone: (+1) 717 872 1943

e-mail: t.wohlbier@mrforum.com