eBook Information

Materials Research
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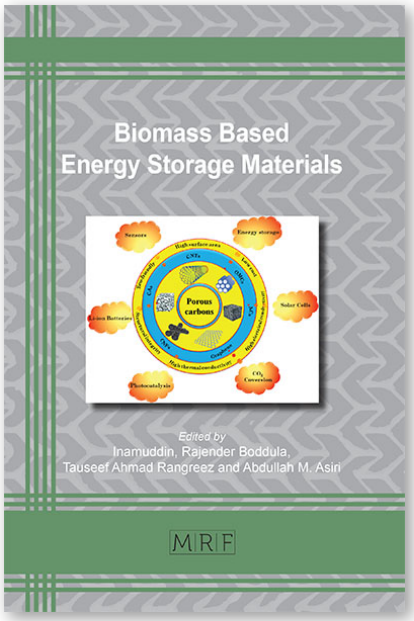
Biomass Based Energy Storage Materials



Eds. Inamuddin, Rajender Boddula, Tauseef Ahmad Rangreez and Abdullah M. Asiri

Monograph / PDF eBook DRM Free

The book presents an in-depth review of biomass-derived materials for energy storage technologies. Biomass is the most renewable and abundant carbon resource and has great potential for sustainable energy production.

Keyword: Bamboo Stick, Biochar, Bioelectrodes, Biofilm, Biomass, Bone Char, Carbon Nanofiber, Cellulose-Derived Electrodes, Fuel Cells, Green Energy, Microbial Biocapacitor, Biomass Derived Composites, High-Frequency Supercapacitors, Lignin Materials, Bamboo Materials, Lithium-Ion Batteries, Lithium-Sulfur Batteries, Natural Precursors, Porous Carbon, Supercapacitor Technology, Water Splitting

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Imprint: Materials Research Forum LLC, *Publisher's sales rights are Wordwide*

Summary:

The book presents an in-depth review of biomass-derived materials for energy storage technologies. Biomass is the most renewable and abundant carbon resource and has great potential for sustainable energy production. Topics covered include: Bone Char as a Support Material to Build a Microbial Biocapacitor; Biomass Derived Composites; Lignin- and Bamboo Derived Materials, Cellulose-Derived Electrodes; Water Splitting, Fuel cells, and Supercapacitor Technologies. 465 References.

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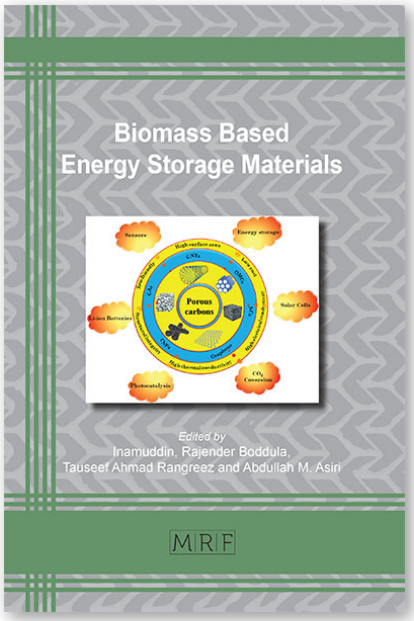

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