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Materials Research Solid State Physics and Engineering

Photoelectrochemical Water Splitting

Materials and Applications

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

Monograph / PDF eBook DRM Free

The book presents new cutting-edge research findings in this field. Subjects covered include fabrication and characteristics of various electrode materials, cell design and strategies for enhancing the properties of PEC electrode materials.

Keyword: Renewable Energy Sources, Solar Energy Conversion, Hydrogen Production, Photoelectrochemical Water Splitting, Electrode Materials for Water Splitting, Transition Metal Chalcogenide Electrodes, Narrow Bandgap Semiconductor Electrodes, Ti-based Electrode Materials, BiVO4 Photoanodes, Noble Electrode Materials, Cell Design for Water Splitting

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