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Using Hall Measurements Components for PEM Fuel Cells: An Overview; Amorphous and nc-Si:H Intrinsic Thin Films for Solar Cells Applications; A Review of Dye Incorporated Conducting Polymers Application as Sensors and in Solar Cells; Electrochemical and Spectroscopic Dynamics of Nanostructured Polynuclear Sulphonic Acid-Doped Poly(2, 5-dimethoxyaniline); Keywords Index; Authors Index

Sommario/riassunto

This Special Topic Volume constitutes the contributions of thirty-nine experts from the international scientific community who are involved in this field of research. It covers thoroughly some of the latest applications of polymers and nano-materials to solar-cells, fuel cells, catalysis, coatings, ion-exchange and sensors. It presents an up-to-date and in-depth coverage of the chemistry, physics, materials science and engineering applications of polymers and nano-materials. This remarkable cooperation of distinguished experts has resulted in a comprehensive review of the subject.
