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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	section I. Materials for advanced fossil fuel energy technologies -- section II. Materials in hydrogen production and storage -- section III. Fuel cells : materials and technology challenges -- section IV. Materials in electrochemical energy storage systems.
Sommario/riassunto	The 49 peer-reviewed papers collected here together offer a plenitude

of up-to-date information on "Advanced Fossil Fuel Energy Technologies, Hydrogen Production and Storage, Fuel Cells, Electrochemical Energy Storage Systems". The papers are conveniently arranged into MATERIALS FOR ADVANCED FOSSIL FUEL ENERGY TECHNOLOGIES, MATERIALS IN HYDROGEN PRODUCTION AND STORAGE, Hydrogen Production, Hydrogen Storage, FUEL CELLS: MATERIALS AND TECHNOLOGY CHALLENGES, MATERIALS IN ELECTROCHEMICAL ENERGY STORAGE SYSTEMS. This special volume has also been published online in the series, "Advances in Scien
