DESCRIPTION

Unique in providing an overview of the subject on the scientific level, this book presents the current state of the art with regard to different aspects of sustainable energy production and its efficient storage.

The broad scope ranges from nanomaterials for energy production, via fuel cells and nanostructured materials for fuel production, right up to supercapacitors and climate change.

Edited by a rising star within the community, this is an invaluable work on a hot topic for materials scientists, solid state, surface and physical chemists, as well as those chemists working in industry and chemical engineers.

ABOUT THE AUTHOR

Javier Garcia-Martinez is the Director of the Molecular Nanotechnology Lab at the University of Alicante (Spain) and co-founder of Rive Technology, Inc., an MIT spin-off commercializing advanced nanocatalysts for clean energy applications developed by Javier during his postdoctoral research. Previously, he worked at the California Institute of Technology (CalTech) and UC Berkeley. Javier has received the TR 35 Award from MIT?s Technology Review magazine in 2007 and the Europa Medal, awarded annually to the outstanding European chemist under the age of 35. In 2009, the World Economic Forum recognized him as one of the Young
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