

Advanced Solid Catalysts for Renewable Energy Production

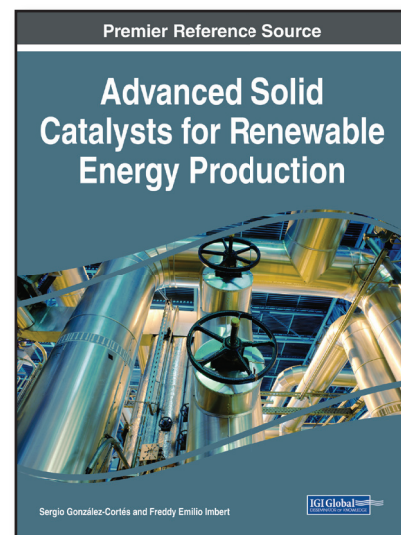
Part of the Advances in Chemical and Materials Engineering Book Series

Sergio González-Cortés (Oxford University, UK) and Freddy Emilio Imbert (Universidad de Los Andes, Venezuela)

Description:

In recent years, the replacement of non-renewable crude oil by renewable sources has been addressed, particularly in developed countries. Its main driving force has been the increasing demand and limited reserves of fossil fuels, the greenhouse gas effect, and the need of securing energy supplies.

Advanced Solid Catalysts for Renewable Energy Production provides emerging research on renewable energy production, catalysts, and environmental effects of increased productivity. While highlighting the challenges for future generations to develop in the sustainable energy age, readers will learn the importance of new approaches not only for synthesizing more active and selective (nano)catalysts, but also, for designing innovative catalytic processes that can eventually meet the growing energy efficiency demand and overcome the environmental issues. This book is an important resource for academicians, university researchers, technology developers, and graduate level students.



ISBN: 9781522539032

Release Date: January, 2018

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Pages: 300

Topics Covered:

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