



Hydrogen production from renewables

By Alexey Kirilin

SPS Dez 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x3 mm. This item is printed on demand - Print on Demand Neuware - Demand in energy is constany increasing due to the growing economies of fast developing countries as well as enormous consumption of fossil resources. Alternatives to petrochemical processes for production of fuels, commodities and chemicals are strongly required. Biomass being a renewable resource can serve as a great platform for providing society with sustainable energy and fuels. Production of hydrogen is one of the most important chemical processes. This book, therefore, provides new information on a sustainable hydrogen production utilizing catalytic aqueous-phase reforming. The process has been studied using modern experimental methods followed by mathematical description of the results. Reaction mechanism has been elucidated, novel knowledge of reaction pathways has been presented. An importatn part is devoted to catalyst development for selective hydrogen production and establishing correlation between catalytic activity and catalyst structure. This book should be useful to professionals dealing with green energy, heterogeneous catalysis and chemical engineering or anyone else who is interested in green fules and energy. 52 pp. English.



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Reviews

Very beneficial to all of class of people. I am quite late in start reading this one, but better then never. You may like just how the writer create this publication.

-- **Audra Klocko PhD**

Thorough information! Its this type of great go through. It is amongst the most incredible publication i actually have read through. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Germaine Welch**