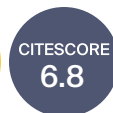




catalysts



Special Issue Reprint

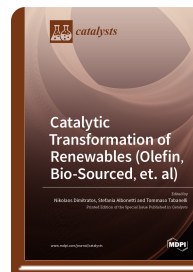
Catalytic Transformation of Renewables (Olefin, Bio-sourced, et. al)

www.mdpi.com/books/reprint/4050

Edited by
Nikolaos Dimitratos
Stefania Albonetti
Tommaso Tabanelli

ISBN 978-3-0365-1068-2 (Hardback)

ISBN 978-3-0365-1069-9 (PDF)



The objective of this Special Issue is to provide new contributions in the area of biomass valorization using heterogeneous catalysts and focusing specifically on the structure/activity relationships of specific and important oxidation, hydrogenation, hydrodeoxygenation and biocatalytic processes. The issue emphasizes the influence of the design and morphology of the catalyst, in terms of particle size, redox and acid-base properties and catalyst stability. Finally, mechanistic studies and examples of design and optimization of industrial processes are presented.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/4050

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.