



Special Issue Reprint

## **Biocatalytic Process Optimization**

www.mdpi.com/books/reprint/3305

Edited by Chia-Hung Kuo Chwen-Jen Shieh

ISBN 978-3-03943-915-7 (Hardback) ISBN 978-3-03943-916-4 (PDF) catalysts Biocatalytic pocess potinization

Biocatalysis is very appealing to the industry because it allows, in principle, the synthesis of products not accessible by chemical synthesis. Enzymes are very effective, as are precise biocatalysts, as they are enantioselective, with mild reaction conditions and green chemistry. Biocatalysis is currently widely used in the pharmaceutical industry, food industry, cosmetic industry, and textile industry. This includes enzyme production, biocatalytic process development, biotransformation, enzyme engineering, immobilization, the synthesis of fine chemicals and the recycling of biocatalysts. One of the most challenging problems in biocatalysis process can provide an environmentally friendly, clean, highly efficient, low cost, and renewable process for the synthesis and production of valuable products. With further development and improvements, more biocatalysis processes may be applied in the future.



Order Your Print Copy You can order print copies at www.mdpi.com/books/reprint/3305

# MDPINBOOKS Publishing Open Access Books & Series

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.



ᆔ

#### 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.

MDPI AG Grosspeteranlage 5 4052 Basel Switzerland Tel: +41 61 683 77 34 www.mdpi.com/books books@mdpi.com

