

*Special Issue Reprint*

## **Advances in Natural Polymers: Extraction Methods and Applications**

[www.mdpi.com/books/reprint/9670](http://www.mdpi.com/books/reprint/9670)

Edited by

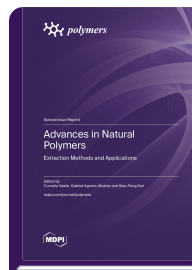
Cornelia Vasile

Gabriel Aguirre-Álvarez

Xiao-Feng Sun

ISBN 978-3-7258-1671-2 (Hardback)

ISBN 978-3-7258-1672-9 (PDF)



Collectively, these research papers and reviews are focused on green, eco-friendly, and easily scalable processes, with a view to facilitate a sustainable and circular economy. Some research papers deal with new extraction procedures to obtain cellulose or lignin, the recycling of biomass into high-value-added materials, as well as important developments in research and technology, which have also been reported in the study of some proteins and different polysaccharides such as chitosan, tea polysaccharides, and hyaluronan, how to reduce sugars in foods to obtain silver nanoparticles, and the valorization of some byproducts such as Nopal Mucilage and milk whey hydrolysates. This Reprint is addressed to experts interested in the large-scale development/valorization of different natural resources into high-value materials, engineers, researchers, and PhD students who may be performing their studies using the modern techniques used in the published papers.

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.