



polymers

IMPACT
FACTOR
4.7

Indexed in:
PubMed

CITESCORE
8.0

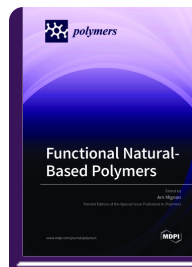
Special Issue Reprint

Functional Natural-Based Polymers

www.mdpi.com/books/reprint/6037

Edited by
Arn Mignon

ISBN 978-3-0365-5236-1 (Hardback)
ISBN 978-3-0365-5235-4 (PDF)



Natural polymers are already used for a variety of biomedical applications, including drug delivery, wound healing, tissue engineering, biosensors, etc. However, they have also found other applications, for example, in the food industry, the pharmaceutical industry, as firefighting materials, water purification, etc. Different polysaccharide and protein-based systems have been developed. They each have their properties that render them useful for certain applications such as the water solubility of alginate, the thermo-sensitivity of chitosan, the abundance of cellulose and starch, or the cell adhesion and proliferation of gelatin and collagen. This Special Issue will explore the design, synthesis, processing, characterization, and applications of new functional natural-based polymers.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/6037

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.