



molecules



Special Issue Reprint

Study on Physicochemical Properties of Food Protein

www.mdpi.com/books/reprint/8663

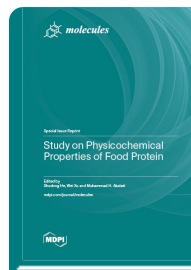
Edited by
Shudong He

Wei Xu

Muhammad H. Aludatt

ISBN 978-3-0365-9868-0 (Hardback)

ISBN 978-3-0365-9867-3 (PDF)



This reprint discusses the importance of studying the physicochemical properties of food proteins, which play crucial roles in providing essential amino acids and contributing to the overall quality of our foods. The demand for sustainable and nutritious food sources has led to a surge of interest in understanding and utilizing proteins derived from various sources. The studies in this reprint explore various aspects, including protein solubility, structural integrity, emulsifying properties, and allergenic epitopes, as well as the application of different processing techniques such as ultrasonication, high-pressure processing, and esterification. These findings not only contribute to a deeper understanding of the role of proteins in food products but also provide valuable insights for the food industry in terms of product development, process optimization, and the potential application of novel protein-based materials. The research presented showcases the potential of food proteins and their modifications in various applications, emphasizing the need for continued research and innovation in this field.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/8663

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.