

Special Issue Reprint

Latest Advances in Preservation Technology for Fresh Fruit and Vegetables

www.mdpi.com/books/reprint/6814

Edited by
Peng Jin

ISBN 978-3-0365-6475-3 (Hardback)
ISBN 978-3-0365-6476-0 (PDF)



Fresh fruit and vegetables are considered as essential components of a healthy human diet, due to their pleasant taste and rich nutrients. However, fruits and vegetables are characterized by production seasonality, regionality, and perishability, which greatly affect the acceptance of consumers and increase the challenges of their post-harvest storage and preservation. A plurality of preservation technologies, including chemical treatment (calcium chloride, 1-methylcyclopropene, salicylic acid, etc.), physical methods (low-temperature conditioning, controlled atmosphere storage, ultraviolet-C irradiation, etc.), and biotechnology (such as genetic engineering technology) have been applied to maintain storage quality and to extend the storage life of fresh fruit and vegetables in recent years. Developing advanced preservation techniques to prolong the storage life of fruit and vegetables is of importance for improving social and economic benefits.

Therefore, we invited authors to contribute original research articles and review articles focused on the innovative preservation technology of fresh produce, addressing storage problems, such as post-harvest quality deterioration caused by senescence, physiological disorders, and disease, to extend the shelf-life of fresh produce and reduce post-harvest loss.

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.