



insects



Special Issue Reprint

Silkworm and Silk: Traditional and Innovative Applications

www.mdpi.com/books/reprint/7059

Edited by
Silvia Cappelozza
Morena Casartelli
Federica Sandrelli
Alessio Saviane
Gianluca Tettamanti

ISBN 978-3-0365-6858-4 (Hardback)

ISBN 978-3-0365-6859-1 (PDF)



Papers collected in the present Special Issue relate to the field of sericulture. They cover different aspects based on a very ancient human agricultural activity, taking into consideration classical agronomic aspects, such as the impact of feeding on silk quality and sericulture in different parts of the world. Nonetheless, cutting edge topics are addressed as well, with papers studying silk as a biomaterial, the silkworm as a model organism, and the possibility of exploring its physiology and the molecular mechanisms that stand behind it with the aid of modern tools such as gene profiling, the CRISPR/Cas-9 system, and -omics sciences.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/7059

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.