





Special Issue Reprint

Mechanical Properties of Advanced Multifunctional Coatings

www.mdpi.com/books/reprint/7105

Edited by Rong-Guang Xu Zhitong Chen Peijian Chen Guangjian Peng

ISBN 978-3-0365-6670-2 (Hardback) ISBN 978-3-0365-6671-9 (PDF)



Advanced multifunctional coatings have made great unexpected advances in synthesis, characterization and properties, and they are also used in a variety of different fields. The mechanical properties of multifunctional coatings play a vital role in their interaction with external forces and environmental factors. Therefore, it is necessary to fully study the mechanical properties of advanced multifunctional coatings. After the launch of the Special Issue, thirteen papers have been collected and published. These original research articles cover not only the relevant research of advanced multifunctional coatings but also the interesting mechanical behaviour of surfaces and interfaces. We feel that the Special Issue provides a forum to share current research results and to promote further research into the mechanical behaviour of advanced multifunctional coatings.





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.

MDPI AG Grosspeteranlage 5 4052 Basel Switzerland Tel: +41 61 683 77 34 www.mdpi.com/books books@mdpi.com

