

Special Issue Reprint

Advances in Thin Film Fabrication by Magnetron Sputtering

www.mdpi.com/books/reprint/8962

Edited by
Rafal Chodun

ISBN 978-3-7258-0607-2 (Hardback)
ISBN 978-3-7258-0608-9 (PDF)



Magnetron sputtering technology is one of the most popular PVD methods used in the industry. Its importance is predicted to increase due to the current developments in research centers engaged in that particular domain. Developments are due to the modifications introduced into the sputtering technology itself (e.g., the use of innovative plasma sources, innovative technical means for influencing the state of the magnetron plasma, innovative approaches to the plasma's state and its control) and the production of new coating materials with functional properties that enable them to meet the needs of the modern industry. This reprint aims to present a collection of ideas describing recent advances in thin-film manufacturing technology, focusing on the influence of magnetron sputtering modification on the film synthesis conditions, parameters, and properties of the films that are produced.

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.