

*Special Issue Reprint*

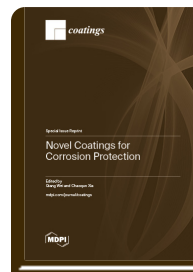
## **Novel Coatings for Corrosion Protection**

[www.mdpi.com/books/reprint/11220](http://www.mdpi.com/books/reprint/11220)

Edited by  
Qiang Wei  
Chaoqun Xia

ISBN 978-3-7258-4441-8 (Hardback)

ISBN 978-3-7258-4442-5 (PDF)



This Special Issue of *Coatings* features a comprehensive and diverse collection of 10 scholarly articles, exploring cutting-edge advancements and applications in surface modification and protective coatings. The contributions encompass a broad spectrum of materials, including metals, alloys, polymers, and composites, with a focus on addressing critical challenges such as corrosion resistance, wear reduction, and environmental adaptability. From state-of-the-art techniques, such as high-velocity oxygen fuel (HVOF) spraying and electron-beam surface structuring, to the investigation of innovative coating materials, such as boron nitride-fluorinated poly methacrylate composites, this Issue provides valuable insights into recent developments within the field. Renowned researchers present their findings on the enhancement of material performance and durability for applications in aerospace engineering, biomedical implants, and beyond. Collectively, these articles lay the groundwork for pioneering solutions that will improve material properties, ensuring enhanced reliability and safety across a variety of demanding environments.

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.