



*symmetry*



*Special Issue Reprint*

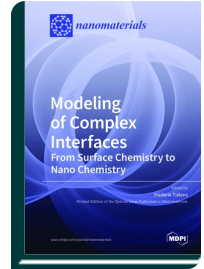
## **Modeling of Complex Interfaces**

[www.mdpi.com/books/reprint/2543](http://www.mdpi.com/books/reprint/2543)

Edited by  
Frederik Tielens

ISBN 978-3-03936-194-6 (Hardback)

ISBN 978-3-03936-195-3 (PDF)



Introducing the interdisciplinary field of interface chemistry modelling across a wide range of academic disciplines and industry sectors. Ten original research articles are presented that bridge knowledge acquisition and practical work, providing a starting point for the research and development of applications. The book describes the characterization of interfaces at the nanoscale, using a wide range of key nanomaterials, such as graphene, TiO<sub>2</sub>, zeolites, semimetals, and organic polymers; and the study of their different physical chemical properties, such as catalysis, adsorption, friction, diffusion, and the characterization of nanocomposites and heterojunctions, with many different industrial applications. The resulting collection of papers is equally relevant for advanced students (senior and graduate) and for engineers and scientists from a variety of different academic backgrounds working in the multidisciplinary field of nanotechnology.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/2543](http://www.mdpi.com/books/reprint/2543)

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.