



crystals



Special Issue Reprint

Recent Progress in Industrial Crystallization

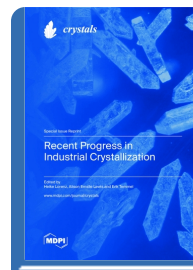
www.mdpi.com/books/reprint/7766

Edited by

Heike Lorenz

Alison Emslie Lewis

Erik Temmel



ISBN 978-3-0365-7714-2 (Hardback)

ISBN 978-3-0365-7715-9 (PDF)

Crystallization is an important industrial process, a purification technique, a separation process and a branch of particle technology. It also encompasses the key areas of chemical and process engineering. Industrial crystallization products include bulk chemicals such as sodium chloride and sucrose; fertilizer chemicals such as potassium chloride and urea; valuable products such as pharmaceuticals, platinum group metal salts, high grade materials for battery production and organic fine chemicals; engineered nanoparticles and crystals for the electronics industry as well as biotechnology products such as protein crystals. Industrial crystallization also encompasses the use of crystallization in water and effluent treatment. The overall theme of this Special Issue is how industrial crystallization is informed by the theoretical concepts of crystallization, and how practical understanding in the field is enhanced through applied research. The Special Issue is dedicated to Professor Gerda van Rosmalen who was a pioneer in this field. She developed the field of industrial crystallization research through her original approach and was regarded globally as a pre-eminent figure in the field. Additionally, this Special Issue provides a basis for the in-depth and comprehensive manuscripts of several oral poster contributions of ISIC 2021—held as an online event from August 30 to September 2, 2021.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/7766

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.