





Special Issue Reprint

New Mineral Species and Their Crystal Structures

www.mdpi.com/books/reprint/1196

Edited by Irina O. Galuskina Igor V. Pekov

ISBN 978-3-03897-688-2 (Softback) ISBN 978-3-03897-689-9 (PDF)



The current Special Issue of *Minerals* entitled "New Mineral Species and Their Crystal Structures" contains articles with full descriptions of recently discovered mineral species (verneite, thermaerogenite, parafiniukite, nöggerathite-(Ce), cerromojonite, aurihydrargyrumite, sharyginite, fiemmeite, oyonite, tiberiobardiite, and ariegilatite) and with recent results in the investigation of structures for minerals which were insufficiently studied in the crystal chemical aspect (rusinovite, barioferrite, kurchatovite, and clinokurchatovite). The described new minerals demonstrate a great chemical and structural diversity and are characterized by different formation conditions and mineral associations. The mineralogical discoveries come from many different localities around the world. All articles were prepared to a high scientific level, and the authors used a lot of modern methods for their investigation of the solid.

The papers published in this Special Issue can be of interest not only to mineralogists and mineral collectors but also to physicists and chemists of solid, and specialists in the field of materials science.





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

