



materials



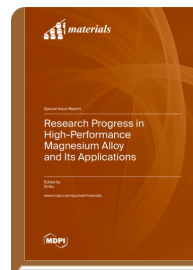
Special Issue Reprint

Research Progress in High-Performance Magnesium Alloy and Its Applications

www.mdpi.com/books/reprint/7815

Edited by
Di Wu

ISBN 978-3-0365-8594-9 (Hardback)
ISBN 978-3-0365-8595-6 (PDF)



Mg alloy is the lightest metallic structural material and possesses the advantages of high specific strength, high specific stiffness, good electromagnetism shield, good damping capacity, good machinability, and easy recycling, etc. Therefore, it has extremely broad application prospects and has drawn considerable interest in the fields of automobile, electronics, electrical appliances, transportation, aerospace, and aviation. In addition, Mg alloys are gradually showing application potential in emerging industries, serving as biodegradable metals in the biomedical field, functional material for hydrogen storage, and so on. This Special Issue (SI), entitled “Research Progress in High-Performance Magnesium Alloy and Its Applications”, presents recent developments and excellent results in the field of Mg alloys, and includes 10 articles and one editorial covering some interesting aspects of the topic.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/7815

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.