



crystals



Special Issue Reprint

Fabrication of Carbon and Related Materials/Metal Hybrids and Composites (Volume II)

www.mdpi.com/books/reprint/7997

Edited by

Walid M. Daoush

Fawad Inam

Mostafa Baboli

Maha M. Khayyat

ISBN 978-3-0365-8729-5 (Hardback)

ISBN 978-3-0365-8728-8 (PDF)



This Special Issue covers various aspects of materials engineering in the topic of the fabrication of hybrid and composite materials. It mainly focuses on the novel developments of new processing methodologies for the fabrication and modification of carbon and related hybrid and composite materials for magnetic, electronics, prosthetic and optoelectronics applications. These composite and hybrid materials composed mainly of the molecular structure of fullerenes, graphene, carbon fibers and nanotubes as well as metallic nanoparticles of great potential applications in nanotechnology. The Special Issue collected ten research articles describing diverse research topics of different carbon base materials like single-wall carbon nanotubes, carbon fibers, fullerenes, multi-wall carbon boron nitride and graphene hybrids and nanocomposites.

We would like to thank all authors whose contributions are included in this Special Issue for their excellent work, and for their inspiring and interesting articles.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/7997

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.