

# MATERIALS SCIENCES

The nascent field of materials sciences is a fast-growing subject area in the De Gruyter portfolio that is distinguished by fresh topics and new authors. The contemporary nature of this science is evidenced by its focus on cross-sectional technologies and their application in commerce and the business sector, with content provided by outstanding, internationally renowned scientists. As part of the development of this subject area, a new graduate textbook series was founded with a particular relevance from master's to advanced students. Even those just starting out in this profession will find this series offers a correspondingly appropriate introduction to industry-relevant topics. Our *NANO Online* reference has been launched in 2016. This resource summarizes 10 years of results in nanoscience in one online reference. Of course, journals, manuals and monographs will continue to help round off our range of offerings.

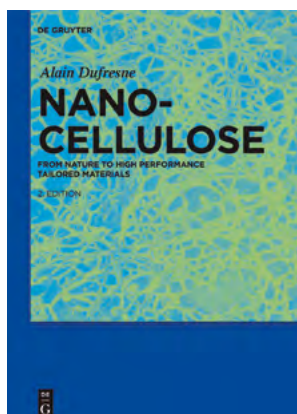
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- ▶ **Collaborations with international societies** such as the Mineralogical Society of America and the American Energy Society

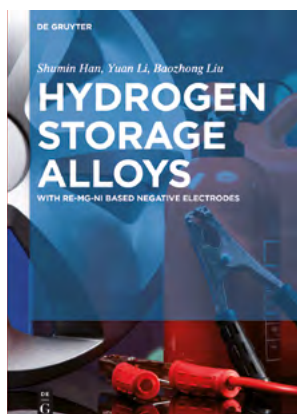
## Subject Areas:

- ▶ Biomaterials
- ▶ Composite materials
- ▶ Nanomaterials
- ▶ Polymers
- ▶ Thin films, surfaces
- ▶ Functional, intelligent materials
- ▶ Materials for energy
- ▶ Optical materials
- ▶ Characterization of materials
- ▶ Nanotechnology

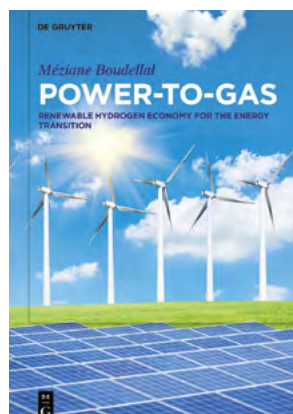
## Monographs



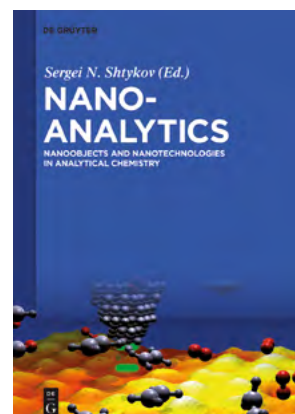
Alain Dufresne  
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 From Nature to High Performance  
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Shumin Han, Yuan Li, Baozhong Liu  
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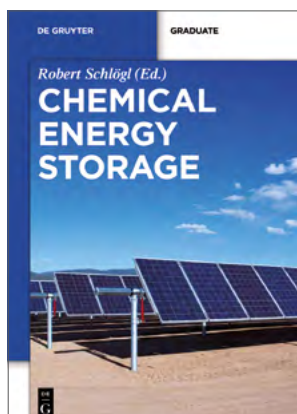


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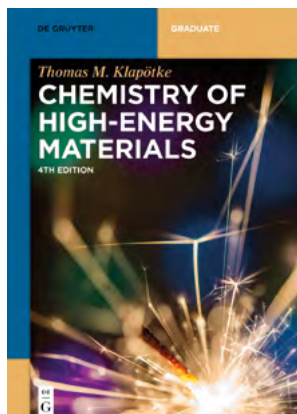


Sergei N. Shtykov (Ed.)  
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 Nanoobjects and Nanotechnologies  
 in Analytical Chemistry  
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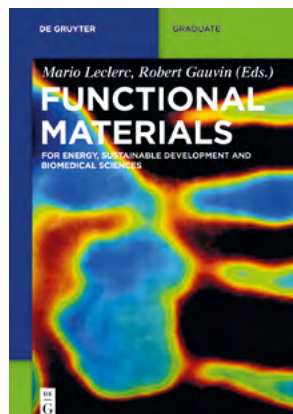
## Textbooks



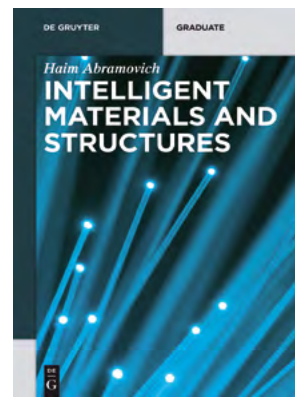
Robert Schlögl (Ed.)  
**CHEMICAL ENERGY STORAGE**  
 ISBN 978-3-11-026407-4



Thomas M. Klapötke  
**CHEMISTRY OF HIGH-ENERGY  
 MATERIALS**  
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Mario Leclerc, Robert Gauvin (Eds.)  
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Haim Abramovich  
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 STRUCTURES**  
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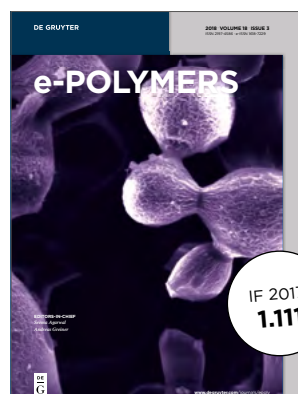
### Facts & Figures:

- ▶ Approx. 25 new titles each year
- ▶ Over 150 backlist titles
- ▶ Supplemented by titles from our Publisher Partner Columbia University Press

### Facts & Figures:

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## Journals



Seema Agarwal, Andreas Greiner  
(Eds.)  
**e-POLYMERS**  
ISSN 2197-4586  
e-ISSN 1618-7229

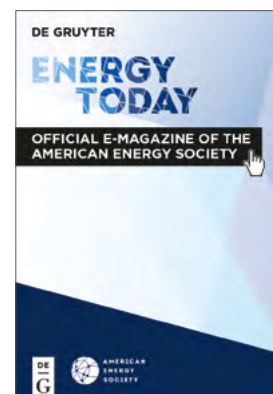


Oskar Faix (Ed.)  
**HOLZFORSCHUNG**  
Cellulose - Hemicelluloses -  
Lignin - Wood Extractives  
ISSN 0018-3830  
e-ISSN 1437-434X



Challa Kumar (Ed.)  
**NANOTECHNOLOGY REVIEWS**  
ISSN 2191-9089  
e-ISSN 2191-9097

## e-Magazine



Eric Vettel (Editor-in-Chief)  
**ENERGY TODAY**  
e-ISSN 2509-6532

## Online Reference

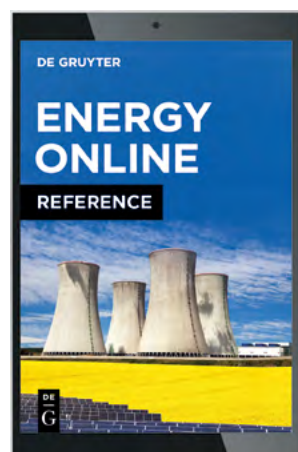


ISSN 2510-1919

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## OUTSTANDING AUTHORS

- ▶ Alain Dufresne
- ▶ Robert Schlögl
- ▶ Haim Abramovich
- ▶ Andreas Greiner
- ▶ Oskar Faix
- ▶ Challa Kumar

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*“The science and technology programme of De Gruyter captures timely key development lines of interdisciplinary research. In fast moving research areas the expert monographs are an excellent background for my own activities”*

**Robert Schlögl**

## RENOWNED PARTNERS

- ▶ Mineralogical Society of America
- ▶ American Energy Society

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