

# CHEMISTRY

Traditionally chemistry combines diverse disciplines ranging from inorganic and organic chemistry to physical and theoretical chemistry as well as biochemistry and analytics. Especially in the German-speaking world, De Gruyter is renowned for its publications in the inorganic chemistry field, including in particular the titles from Holleman/Wiberg and Riedel, as well as the German edition of Huheey/Keiter and Keiter. Current chemistry research is increasingly interdisciplinary in nature and application-driven. Hence there are also overlaps with physics, materials science, biology, (bio) technology and computer science, which can also be found in De Gruyter's excellent portfolio. In addition to books, De Gruyter's chemistry portfolio also includes journals and online references. One database, launched in 2016, was developed in collaboration with IUPAC (International Union of Pure and Applied Chemistry) for their standards and recommendations. Another online reference (Anorganik Online), launched in 2017, combines the outstanding and historic knowledge collected in our German Inorganic Chemistry book program.

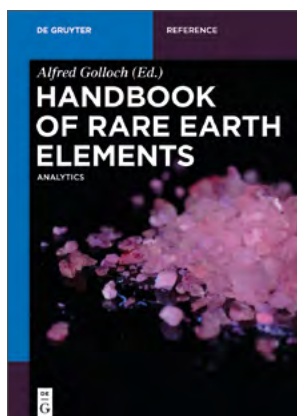
## WE OFFER

- ▶ Monographs, textbooks and journals in German and English
- ▶ De Gruyter is the **market leader** in German textbooks on inorganic chemistry
- ▶ The 103rd edition of the "**Bible**" of inorganic chemistry from Holleman/Wiberg has been published 2016
- ▶ **Continuous presence** at worldwide chemistry conferences and congresses
- ▶ Respected journals such as *Radiochimica Acta* and *Pure and Applied Chemistry*
- ▶ In addition to the **collaboration** with IUPAC, the portfolio is supplemented by titles from our imprint De Gruyter Oldenbourg and our Publisher Partner Columbia University Press

## Subject Areas:

- ▶ Analytical chemistry
- ▶ Biochemistry
- ▶ Environmental chemistry
- ▶ Inorganic chemistry
- ▶ Organic chemistry
- ▶ Catalysis
- ▶ Macromolecular chemistry
- ▶ Pharmaceutical and medicinal chemistry
- ▶ Physical chemistry
- ▶ Theoretical chemistry

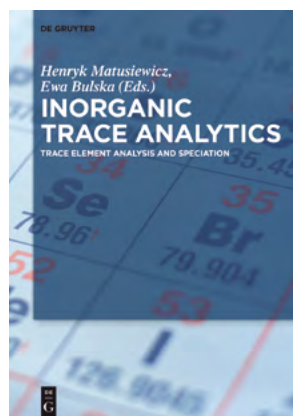
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**Monographs**


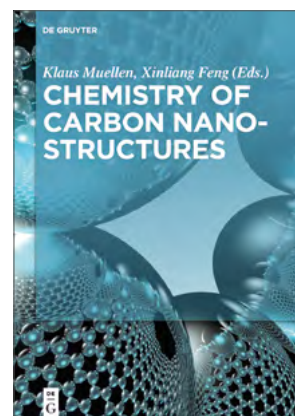
Alfred Golloch  
**HANDBOOK OF RARE EARTH ELEMENTS**  
 Analytics  
 ISBN 978-3-11-036523-8



Edward Tiekink,  
 Julio Zukerman-Schpector (Eds.)  
**MULTI-COMPONENT CRYSTALS**  
 Synthesis, Concepts, Function  
 ISBN 978-3-11-046365-1

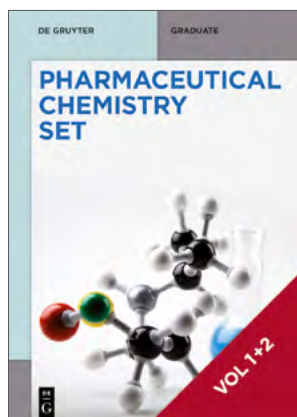


Henryk Matusiewicz,  
 Ewa Bulska (Eds.)  
**INORGANIC TRACE ANALYTICS**  
 Trace Element Analysis and Speciation  
 ISBN 978-3-11-037194-9

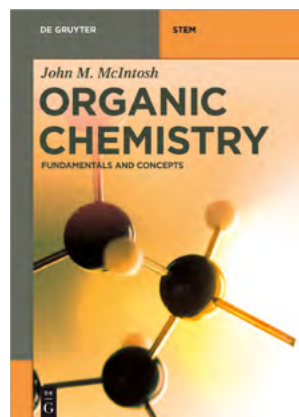


Klaus Muellen, Xinliang Feng (Eds.)  
**CHEMISTRY OF CARBON NANOSTRUCTURES**  
 ISBN 978-3-11-028450-8

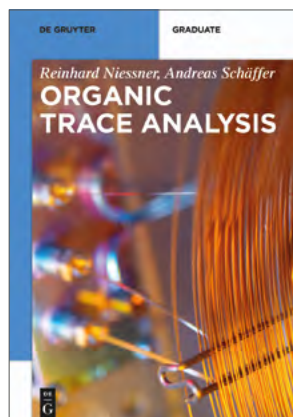
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**Textbooks**


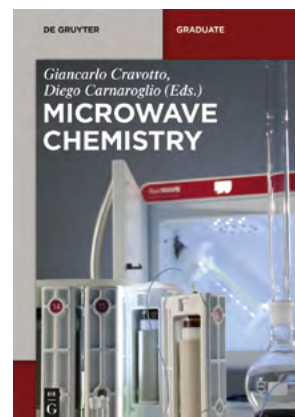
Joaquín M. Campos Rosa, M.  
 Encarnación Camacho Quesada  
**PHARMACEUTICAL CHEMISTRY**  
 [SET: VOLS. 1+2]  
 ISBN 978-3-11-056680-2



John M. McIntosh  
**ORGANIC CHEMISTRY**  
 Fundamentals and Concepts  
 ISBN 978-3-11-056512-6



Reinhard Niessner, Andreas Schäffer  
**ORGANIC TRACE ANALYSIS**  
 ISBN 978-3-11-044114-7

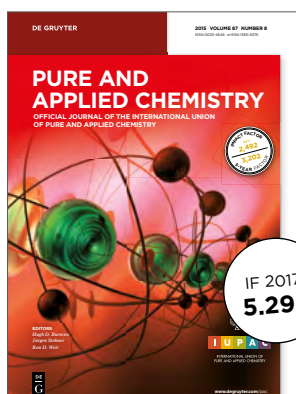


Giancarlo Cravotto, Diego Carnaroglio  
 (Eds.)  
**MICROWAVE CHEMISTRY**  
 ISBN 978-3-11-047992-8

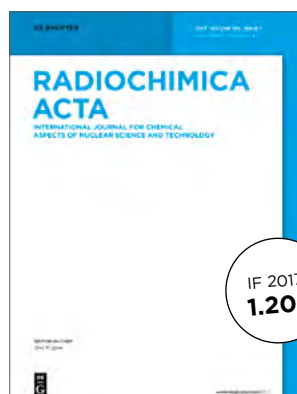
**Facts & Figures:**

- ▶ Approx. 25 new titles each year
- ▶ Over 350 backlist titles
- ▶ Supplemented by titles from our Publisher Partner Columbia University Press

## Journals



Hugh D. Burrows, Jürgen Stohner  
(Eds.)  
**PURE AND APPLIED CHEMISTRY**  
The Scientific Journal of IUPAC  
ISSN 0033-4545  
e-ISSN 1365-3075



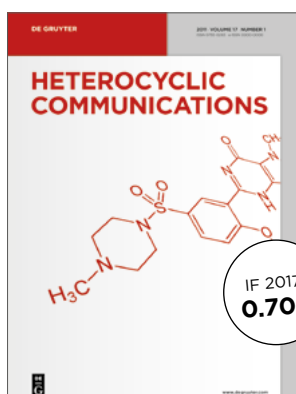
Syed M. Qaim (Ed.)  
**RADIOCHIMICA ACTA**  
International Journal for chemical  
aspects of nuclear science and  
technology  
ISSN 0033-8230  
e-ISSN 2193-3405



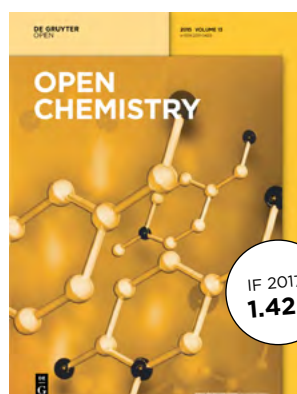
Klaus Rademann (Ed.)  
**ZEITSCHRIFT FÜR PHYSIKALISCHE  
CHEMIE**  
International journal of research  
in physical chemistry and chemical  
physics  
ISSN 0942-9352  
e-ISSN 2196-7156



**PHYSICAL SCIENCES REVIEWS**  
e-ISSN 2365-659X



Lucjan Strekowski (Editor-in-Chief)  
**HETEROCYCLIC  
COMMUNICATIONS**  
ISSN 0793-0283  
e-ISSN 2191-0197



**OPEN ACCESS  
OPEN CHEMISTRY**  
e-ISSN 2391-5420

### Facts & Figures:

- ▶ 34 journals, 34 with English content
- ▶ 17 subscription journals, 17 open access journals
- ▶ Automatic access to all volumes since 1995 for subscribers
- ▶ All journals available as single subscriptions, Pick & Choose package or in set packages
- ▶ Great discounts based on the number of titles and FTE brandings
- ▶ Permanent access secured via Portico

## Database



ISSN 2364-818X

*IUPAC Standards Online* is the first database allowing easy access to the internationally binding norms filed by IUPAC since 1960. Discover standards, recommendations, norms, nomenclature, terminology, symbols, definitions, properties, etc. using the advanced search or detailed navigation tree. Extensive linking between entries, enriched metadata, granular content and thesaurus-enabled data mining allow retrieving information quickly and reliably.

### Facts & Figures:

- ▶ Interactive Periodic Table enables to extract element-specific information
- ▶ InChI search to retrieve the information related to certain chemical compounds

## OUTSTANDING AUTHORS

- ▶ **Erwin Riedel and Christoph Janiak**, authors of *Anorganische Chemie [Inorganic Chemistry]*
- ▶ **Klaus Müllen**, multiple award winner and editor of *Chemistry of Carbon Nanostructures*
- ▶ **Astrid Sigel, Helmut Sigel and Roland K.O. Sigel**, editors of the series *Metal Ions in Life Sciences*
- ▶ **Ralf Steudel**, author of *Chemie der Nichtmetalle [Chemistry of the Non-metals]*
- ▶ **Reinhard Nießner**, author of *Organic Trace Analysis and Trennungsmethoden der Analytischen Chemie [Separation Techniques in Analytical Chemistry]*
- ▶ **Gerhard Pfaff**, author of *Inorganic Pigments*
- ▶ **Klaus Rademann**, repeated prizewinner and author of *Statistische Thermodynamik [Statistical Thermodynamics]*
- ▶ **Budin Michov**, author of *Electrophoresis*

## RENOWNED PARTNERS

- ▶ **IUPAC – the International Union of Pure and Applied Chemistry**, publishes *Pure and Applied Chemistry* and *Chemistry International*

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de Gruyter

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AKADEMIE FORSCHUNG

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SAUR



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DETAIL



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