Springer

for Research & Development

Chemical Manufacturing

Results Matter. Choose Springer.

Content Solutions

rd.springer.com

Areas of interest in Biomedical Science include:

- Pharmaceutical Science
- Molecular Medicine
- Human Genetics
- Neuroscience
- Virology
- Medical Microbiology
- and more

Other areas of interest include:

- Medicine
- Engineering
- Environmental Science
- Food Science & Nutrition
- Computer Science
- and more

Chemical Manufacturing

Springer's Chemical Manufacturing Content Solutions deliver a comprehensive set of eBooks and eJournals covering topical information from leading researchers on subjects ranging from recent advances in polymer and colloidal sciences to studies on clean technologies and chemicals in the environment. Springer Content Collections are an ideal resource for corporate clients, providing simple access to a wide-ranging library of relevant information in a single location with Springer's innovative tools and industry leading features.

- Thousands of eBooks including monographs, handbooks, atlases, reference works and book series.
- More than 150 journals most of them with an ISI Impact Factor, and also including partnerships with some of the most renowned scholarly and professional societies in the world.
- SpringerMaterials is the world's largest resource for the physical and chemical properties of over 250,000 materials systems, with extensive information that is crucial for the Chemical Manufacturing industry.
- 5.52 million molecules abstracted from literature, 4.26 million reactions, 675,000 references and 164,000 patents on spresi.com providing you with direct access to the complete content of the SPRESI structure and reaction database.

Key subject areas of interest include:

- Chemistry, general
- Polymer Science
- Biotechnology
- Analytical Chemistry
- Biochemistry
- Physical Chemistry
- Organic Chemistry
- Plant Sciences
- Cell Biology
- Microbiology
- Biochemistry & Biophysics
- Materials, general
- Surfaces, Interfaces, Thin Films, Corrosion, Coatings
- Characterization & Evaluation of Materials

Content Highlights in Chemical Manufacturing

Plant Sciences

Journals

- Plant Molecular Biology
- Euphytica
- Planta
- Molecular Breeding
- European Journal of Plant Pathology

Books

- Handbook of Maize
- Genomics-Assisted Crop Improvement
- Selection Methods in Plant Breeding
- Advances in Haploid Production in Higher Plants
- Advances in Molecular Breeding Toward Drought and Salt Tolerant Crops

Cell Biology

Journals

- Plant Cell Reports
- Molecular Genetics and Genomics
- Cellular and Molecular Life Sciences

Books

- Molecular Genetics of Recombination
- MicroRNA Protocols
- The Nucleic Acid Protocols Handbook

Biochemistry & Biophysics

Journals

- Journal of Industrial Microbiology & Biotechnology
- Metabolomics
- Amino Acids
- Molecular and Cellular Biochemistry

Books

- The Protein Protocols Handbook
- 2D PAGE: Sample Preparation and Fractionation
- Springer Handbook of Enzymes
- The Physical Basis of Biochemistry

Chemistry, general

Journals

- Catalysis Letters
- Topics in Catalysis
- Russian Chemical Bulletin

Books

- Catalyst Separation, Recovery and Recycling
- Models, Mysteries and Magic of Molecules
- Bioarrays

Polymer Science

Journals

- Polymer Bulletin
- Colloid and Polymer Science
- Fibre Chemistry

Books

- Physical Properties of Polymers Handbook
- Organic Electronics
- Polymer Surfaces and Interfaces

Biotechnology

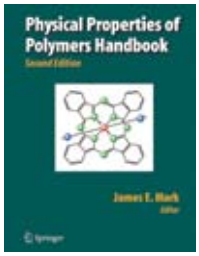
Journals

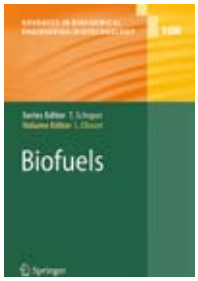
- Applied Microbiology and Biotechnology
- Applied Biochemistry and Biotechnology
- World Journal of Microbiology and Biotechnology
- Molecular Biotechnology

Books

- Biofuels
- Directory of Microbicides for the Protection of Materials
- Advances in Applied Bioremediation

Featured Books





Featured Journals

Springer for R&D, the leading edge in research, is instantly available and easily accessible from virtually any location on any device.

Springer Databases of Interest to You

SpringerMaterials

SpringerMaterials offers access to physical and chemical data highly relevant to R&D:

- 420 Landolt-Börnstein volumes
- 250,000 substances and 1,200,000 citations
- The world's largest and most renowned Database on Thermophysical Properties, the subset of the DDBST (Dortmund Data Bank Software & Separation Technology) comprising 435,000 data points.
- Linus Pauling Files, the most comprehensive database on inorganic solid phases comprising 277,000 documents , thereof 32,000 phase diagrams
- 44,000 Chemical Safety Documents

InfoChem

InfoChem offers a broad selection of software tools and applications to solve any problem in the field of chemical data management, focusing in particular on storage, handling and retrieval of structures and reactions. Two InfoChem databases, especially of interest to Research & Development in the chemical field are:

- SPRESIweb – providing direct access to the a huge amount of chemicals, their reactions and their syntheses pathways
- Chemisches Zentralblatt Structural Database – providing language independent access to the information contained in Chemisches Zentralblatt

Custom Research Service

Concentrate on the core of your research, outsourcing literature review, formatting and project management. Contact us for more information.

Availability and Pricing

Springer Content Solutions deliver quality information products and services to all types and sizes of organizations from single sites to global businesses with multiple users across locations.

With access to over 2,000 journals and more than 7,000 new book titles every year in the Science, Technology, Medicine and B2B sector, Springer's accurate, easy-to-use content fits the market needs of all types and sizes of organizations.

Whatever your business needs, Springer promises total flexibility in its bespoke licensing models from low entry deposit options to licensing single content collections or the entire database.

Ask a Springer representative about the right purpose-fit solution for your organization today.

For more information about Springer content or to contact your local Springer Licensing Manager, please visit springer.com/rd

H7476 / COR-04 | Image: muri30 / iStockphoto