

# Publishing Catalogue 2016

Royal Society of Chemistry



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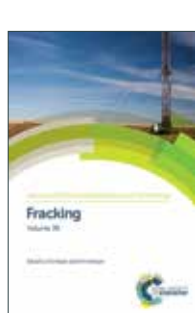
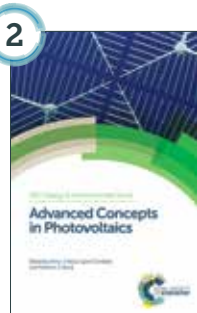
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# Subject key

## Contents by subject

Products are listed under relevant subject areas as a guide. Some products may feature under multiple subject areas to reflect their multi-disciplinary content. For pricing and packages please refer to the collections for 2016 list on pp 38 - 39.

### Analytical

Analyst  
Analytical Methods  
Analytical Abstracts  
Chemistry World  
Journal of Analytical Atomic Spectrometry (JAAS)  
Lab on a Chip

### Biological

Biomaterials Science  
Chemistry World  
Food & Function  
Integrative Biology  
Lab on a Chip  
MarinLit  
Metallomics  
Molecular BioSystems  
Photochemical & Photobiological Sciences

### Catalysis

Catalysis Science & Technology  
Chemistry World  
Dalton Transactions  
Energy & Environmental Science  
Green Chemistry  
Organic & Biomolecular Chemistry  
Photochemical & Photobiological Sciences  
Physical Chemistry Chemical Physics (PCCP)  
Reaction Chemistry & Engineering

### Chemical Biology and Medicinal

Chemistry World  
Lab on a Chip  
MedChemComm  
Metallomics  
Molecular BioSystems  
Natural Product Reports  
Natural Product Updates  
Organic & Biomolecular Chemistry  
Photochemical & Photobiological Sciences  
Toxicology Research  
The Merck Index\* *Online*

### Energy

Chemistry World  
CrystEngComm  
Energy & Environmental Science  
Green Chemistry  
Journal of Materials Chemistry A  
Physical Chemistry Chemical Physics (PCCP)

### Environmental

Chemistry World  
Energy & Environmental Science  
Environmental Science: Nano  
Environmental Science: Processes & Impacts  
Environmental Science: Water Research & Technology  
Green Chemistry  
Journal of Materials Chemistry A  
Organic & Biomolecular Chemistry  
Photochemical & Photobiological Sciences  
Reaction Chemistry & Engineering

### Food

Analyst  
Analytical Methods  
Food & Function  
Integrative Biology  
Lab on a Chip  
MedChemComm  
Metallomics

### General Chemistry

Chemical Communications  
Chemical Hazards in Industry  
Chemical Science  
Chemical Society Reviews  
Chemistry Education Research and Practice  
Chemistry World  
Education in Chemistry  
Faraday Discussions  
Laboratory Hazards Bulletin  
New Journal of Chemistry  
RSC Advances  
Specialist Periodical Reports (SPR)  
Synthetic Reaction Updates  
The Merck Index\* *Online*

### Inorganic

Catalysis Science & Technology  
CrystEngComm  
Dalton Transactions  
Inorganic Chemistry Frontiers  
Metallomics  
Synthetic Reaction Updates

### Materials

Biomaterials Science  
Chemistry World  
CrystEngComm  
Dalton Transactions  
Energy & Environmental Science  
Journal of Materials Chemistry A, B & C  
Lab on a Chip  
Materials Horizons  
Nanoscale  
Nanoscale Horizons  
Polymer Chemistry  
Photochemical & Photobiological Sciences  
Soft Matter

### Nanoscience

Chemistry World  
CrystEngComm  
Environmental Science: Nano  
Integrative Biology  
Journal of Materials Chemistry A, B & C  
Lab on a Chip  
Nanoscale  
Nanoscale Horizons

### Organic

Catalysis Science & Technology  
Chemistry World  
CrystEngComm  
Green Chemistry  
MarinLit  
MedChemComm  
Natural Product Reports  
Natural Product Updates  
Organic & Biomolecular Chemistry  
Organic Chemistry Frontiers  
Polymer Chemistry  
Reaction Chemistry & Engineering  
Synthetic Reaction Updates

### Physical

Analyst  
Catalysis Science & Technology  
Chemistry World  
Integrative Biology  
Nanoscale  
Nanoscale Horizons  
Physical Chemistry Chemical Physics (PCCP)  
Photochemical & Photobiological Sciences  
Soft Matter  
Reaction Chemistry & Engineering

# Welcome to our 2016 Publishing Catalogue

The Royal Society of Chemistry is the world's leading chemistry community – a not-for-profit organisation with 170 years of history. Our expanding selection of journals, books, databases and magazines allows us to invest still further in the future of the chemical sciences, and with research submitted by an acclaimed and international set of authors, this is a portfolio with a global reach.

## Publishing highlights for 2016:

- Our flagship journal **Chemical Science**, launched in 2010, is now Gold Open Access. Turn to page 6 to find out more about the world's first high-quality open access chemistry journal.
- The recently published **2014 Journal Citation Reports®** once again sees us with Impact Factors that are among the best in the chemical sciences. Overall 70% of our journals had an increase in Impact Factor.
- Highlights include substantial Impact Factor rises for **Chemical Science** (9.211), **Chemical Society Reviews** (33.383) and **Energy & Environmental Science** (20.523). Of the top 20 journals in the multidisciplinary chemistry category, six are from the Royal Society of Chemistry, two of which are top 10. No other publisher has more.
- New for 2016, **Nanoscale Horizons** works alongside **Nanoscale** to provide a rounded view of innovation in nano research, and bridge the various disciplines involved with nanoscience and nanotechnology. Find out more on page 20.
- We also welcome **Reaction Chemistry & Engineering** to the portfolio, a high impact home for multi-scale understanding of reactions – from fundamental, molecular level chemistry to large scale chemical processes. There are more details on page 23.
- **The Historical Collection** is a new digital archive of scientific records dating back to the 16th century. Over the years we've collected thousands of books, letters, notes and reports, many from leading scientists in history. The archive makes these significant documents widely available, providing a unique resource for those involved in the chemical sciences – now and in the future.

There's much more to discover inside the catalogue – we hope you enjoy looking through our portfolio. If you have any queries, please get in touch via [sales@rsc.org](mailto:sales@rsc.org) or contact your Account Manager.

Best wishes

**Royal Society of Chemistry**

PS Did you know that membership of the Royal Society of Chemistry gives you recognition as an expert in chemistry as well as connecting you with your peers?

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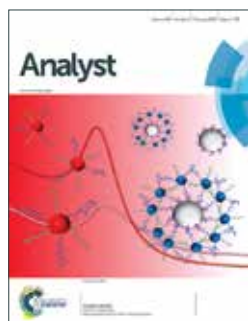


# Journals

## Analyst

www.rsc.org/analyst

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 24

**Volume** 141

**Impact Factor** 4.107

**Print & Online ISSN** 0003-2654

**Online ISSN** 1364-5528

**Print & Online Price** £2,358/\$4,153

**Online Price** £2,240/\$3,945

**Collections** RSC Gold,  
Analytical Science

**Editorial Board Chair:** D Graham, University of Strathclyde, UK

### Scope

*Analyst* publishes analytical and bioanalytical research that reports premier fundamental discoveries and inventions, and the applications of these discoveries, unconfined by traditional discipline barriers. This includes analytical nanoscience, bioanalytical science and advanced analytical systems.

*Analyst* is one of the leading journals publishing primary research across all areas of analytical science\*. It covers research from areas including analytical chemistry, bioanalytical science, biomedical science, biotechnology, detection science, pharmacy, physics, materials science and engineering.

\*Based on the 2014 Journal Citation Reports © (Thomson Reuters 2015).

### Article Types

*Analyst* includes a mix of Communications and high quality Papers as well as Critical, Tutorial and Mini Reviews.

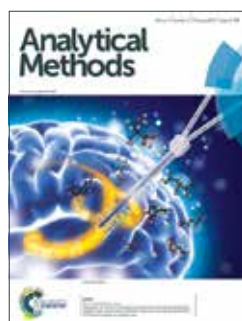
### Readership

Researchers, educators and students active in the theory and development of analytical and bioanalytical techniques.

## Analytical Methods

www.rsc.org/methods

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 48

**Volume** 8

**Impact Factor** 1.821

**Print & Online ISSN** 1759-9660

**Online ISSN** 1759-9679

**Print & Online Price**  
£3,012/\$5,304

**Online Price** £2,862/\$5,038

**Collections** RSC Gold,  
Analytical Science

**Editor-in-Chief:** S M Lunte, University of Kansas, USA

### Scope

*Analytical Methods* publishes research detailing early applied demonstrations of new analytical methods which address key issues of societal concern.

*Analytical Methods* is one of the fastest growing general analytical journals. The scope includes pharmaceutical and applied industrial analysis, agricultural, environmental and food analysis, forensic analysis and heritage science, appealing to both academic and industrial scientists.

### Article Types

*Analytical Methods* publishes Papers, Communications, Technical Notes and Critical and Mini Reviews.

### Readership

Cross-disciplinary, appealing to readers across academia and industry who have an interest in the advancement of measurement science and the breadth of application of analytical methodologies.

These include, but are not restricted to: analytical and environmental scientists; biochemists and biotechnologists; process and industrial scientists; biomedical and clinical scientists; forensic and heritage scientists; agriculture, food, safety and product technologists; pharmaceutical scientists and toxicologists.



## Biomaterials Science

www.rsc.org/biomaterialsscience



AVAILABLE  
IN PRINT  
& ONLINE



Frequency 12

Volume 4

Partial Impact Factor 3.831

Print & Online ISSN 2047-4830

Online ISSN 2047-4849

Print & Online Price £1,670/\$2,836

Online Price £1,586/\$2,693

Collections RSC Gold,  
Materials Science

**Co-Editor-in-Chief:** P B Messersmith, University of California, Berkeley, USA

**Co-Editor-in-Chief:** N Nakatsuji, Institute for Integrated Cell-Material Sciences, Kyoto University, Japan

### Scope

*Biomaterials Science* is an international, high impact journal exploring the underlying science behind the function, interactions and design of biomaterials. Its scope encompasses insights into the chemistry, biology and materials science underpinning biomaterials research, new concepts in biomaterials design, and using materials to answer fundamental biological questions. This includes:

- Molecular design of biomaterials
- Science of cells and materials at the nano- and mesoscale
- Materials as model systems for stem cell biology
- Materials for tissue engineering and regenerative medicine
- Materials and systems for therapeutic delivery
- Interactions at the biointerface
- Biologically inspired and biomimetic materials
- Next-generation tools and methods for biomedical applications

### Article Types

*Biomaterials Science* publishes Communications, Papers, Reviews and Mini Reviews.

### Readership

Academic, government and industrial scientists from materials science, medical science, biology, chemistry, (bio) physics and engineering.

## Catalysis Science & Technology

www.rsc.org/catalysis



AVAILABLE  
IN PRINT  
& ONLINE



Frequency 24

Volume 6

Impact Factor 5.426

Print & Online ISSN 2044-4753

Online ISSN 2044-4761

Print & Online Price £1,881/\$3,106

Online Price £1,787/\$2,951

Collections RSC Gold

**Co-Editor-in-Chief:** P van Leeuwen, Institute of Chemical Research of Catalonia, Spain

**Co-Editor-in-Chief:** N Mizuno, University of Tokyo, Japan

### Scope

*Catalysis Science & Technology* is a multidisciplinary journal focused on both the fundamental science of catalysis and the science of catalysis technology, including applications addressing societal demands such as CO<sub>2</sub> reduction, conversion of renewables and fuels. The journal brings together the best quality research from the heterogeneous, homogeneous, organocatalysis and bio-catalysis communities.

### Article Types

Publication times are rapid, with article types including Perspectives, Mini Reviews, Papers and Communications.

### Readership

Academic and industrial scientists of all disciplines using heterogeneous and homogeneous catalysis. The journal's readership also includes: organic, organometallic, inorganic and bio(in)organic chemists; biochemists; physical and theoretical chemists; materials, polymer, surface, and environmental scientists.

## Chemical Communications

www.rsc.org/chemcomm



<b>Frequency</b> 100
<b>Volume</b> 52*
<b>Impact Factor</b> 6.834
<b>Print &amp; Online ISSN</b> 1359-7345
<b>Online ISSN</b> 1364-548X
<b>Print &amp; Online Price</b> £3,760/\$6,621
<b>Online Price</b> £3,572/\$6,290
<b>Collections</b> RSC Gold, Core Chemistry, General Chemistry

**Editorial Board Chair:** R R Schrock, Massachusetts Institute of Technology, USA

### Scope

*Chemical Communications (ChemComm)* is renowned as being one of the fastest publishers of articles providing information on new avenues of research, drawn from all the world's major areas of chemical research. *ChemComm* is the leading chemical communications journal offering:

- Biweekly publishing, resulting in fast times to publication and increased visibility
- Short Communications, providing scientific impact to the results and discussion
- Easy-to-read layout and design

### Article Types

In addition to Communications, *ChemComm* publishes Feature Articles. Feature Articles are reviews written by leading scientists within their field and summarise recent work from a personal perspective. They cover many exciting and innovative fields and are of general interest to all chemists.

\* Issues from 1965-2009 have no volume numbering but constitute volumes 1-45.

### Readership

Academic and industrial scientists in all areas of the chemical sciences.

## Chemical Science

www.rsc.org/chemicalscience



<b>Frequency</b> 12
<b>Volume</b> 7
<b>Impact Factor</b> 9.211
<b>Online ISSN</b> 2041-6539
<b>Online Price</b> Open Access

**Editor-in-Chief:** Daniel Nocera, Harvard University, USA

### Scope

*Chemical Science* is dedicated to publishing findings of exceptional significance from across the chemical sciences. Launched in 2010, the journal is published monthly and is at the forefront of the most exciting developments in the chemical sciences, helping to define the important areas by publishing the most significant, cutting-edge research.

Editor-in-Chief Dan Nocera leads a dynamic international team of Associate Editors, all active researchers, who drive the scientific development and make decisions on the content, ensuring the reader is kept fully up-to-date on key areas.

*Chemical Science* is Gold Open Access, with all publication charges waived for 2016. This means that it is free to every reader and free to publish in.

### Article Types

In a break with tradition, *Chemical Science* gives authors the freedom and flexibility to publish more extensive accounts of their novel research without page restrictions or colour charges as Edge Articles. It is also balanced, publishing Perspectives and Mini Reviews, in addition to primary research.

### Readership

Academic and industrial scientists in all areas of the chemical sciences.



## Chemical Society Reviews

www.rsc.org/chemsocrev

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 24

**Volume** 45

**Impact Factor** 33.383

**Print & Online ISSN** 0306-0012

**Online ISSN** 1460-4744

**Print & Online Price**  
£1,456/\$2,309

**Online Price** £1,383/\$2,193

**Collections** RSC Gold, General Chemistry

**Editorial Board Chair:** P Gale, University of Southampton, UK

### Scope

*Chemical Society Reviews (Chem Soc Rev)* publishes high-impact, succinct and reader-friendly articles at the forefront of the chemical sciences. International and multidisciplinary collaborations among authors are particularly encouraged.

Themed issues contain articles reviewing new areas of research related to the chemical sciences. These themed issues are edited by guest editors who are specialists in their fields.

### Article Types

*Chem Soc Rev* publishes Tutorial Reviews and Reviews.

Tutorial Reviews are of relevance both to the general research chemist who is new to the field, as well as the expert, and are accessible to graduate students and beyond. They provide an essential introduction to the field and serve as a springboard to further reading.

Reviews provide an authoritative and in-depth understanding of important topics in the chemical sciences. They give a very high quality, state-of-the-art account of the subject matter and a balanced assessment of the current primary literature.

### Readership

Students, academic and industrial scientists working in all areas of the chemical sciences.

## Chemistry Education Research and Practice

www.rsc.org/cerp

AVAILABLE  
ONLINE  
ONLY

FREE TO  
ACCESS



**Frequency** 4

**Volume** 17

**Impact Factor** 2.091

**Online ISSN** 1756-1108

**Price** Free to access

**Editorial Board Chair:** Ingo Eilks, University of Bremen, Germany

### Scope

*Chemistry Education Research and Practice (CERP)*, a free-to-access electronic journal, serves both researchers and practitioners at all levels of chemistry education.

Its objectives are threefold:

- To provide researchers with the means to publish their work in full in a journal exclusively dedicated to chemistry education
- To offer teachers of chemistry at all levels a place where they can share effective ideas and methods for teaching and learning chemistry
- Most importantly, to bridge the gap between the two groups so that researchers will have their results seen by those who could benefit from using them, and practitioners will gain from encountering the ideas and results of those who have made a particular study of the learning process

### Article Types

Contributions are fully peer reviewed and include Reviews, Full Papers and Theoretical Perspectives.

### Readership

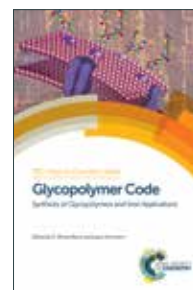
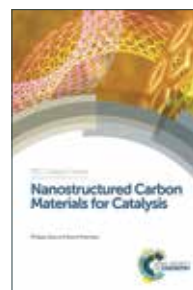
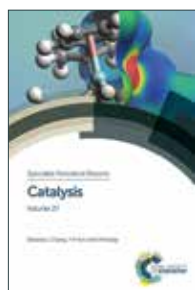
Chemical education researchers and teachers of chemistry in universities and schools.

*CERP* is free to access thanks to sponsorship by the Royal Society of Chemistry's Education Division.

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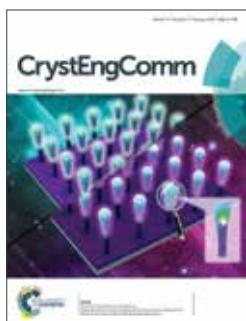


## CrystEngComm

www.rsc.org/crystengcomm



AVAILABLE  
ONLINE  
ONLY



**Frequency** 48

**Volume** 18

**Impact Factor** 4.034

**Online ISSN** 1466-8033

**Online Price** £1,342/\$1,995

**Collections** RSC Gold,  
Materials Science

**Editorial Board Chair:** L MacGillivray, The University of Iowa, USA

### Scope

*CrystEngComm* is the journal for innovative research covering all aspects of crystal engineering – the design, including synthesis of crystals and crystal growth, synthesis and evaluation of solid-state materials with desired properties.

### Article Types

*CrystEngComm* publishes a range of article types, including:

- Highlights - personal accounts and reviews on topics in the field of crystal engineering
- Communications - preliminary accounts of original and significant work of such importance or novelty that rapid publication is justified
- Papers - for reporting selected and original significant contributions to new chemical knowledge
- Themed issues and collections - on current high impact topics

### Readership

Researchers in industry and academia working in the fields of solid state inorganic and organic chemistry, materials chemistry, crystallography, crystal growth and crystal engineering.

## Dalton Transactions

www.rsc.org/dalton



AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 48

**Volume** 45\*

**Impact Factor** 4.197

**Print & Online ISSN** 1477-9226

**Online ISSN** 1477-9234

**Print & Online Price** £4,141/\$7,431

**Online Price** £3,934/\$7,060

**Collections** RSC Gold, Core  
Chemistry

**Editorial Board Chair:** P Mountford, University of Oxford, UK

### Scope

*Dalton Transactions* is one of the world's most respected international inorganic chemistry journals and the leading European inorganic chemistry journal. The journal embraces all aspects of the chemistry of inorganic and organometallic compounds, including biological inorganic chemistry and inorganic materials chemistry; homogeneous catalysis; new or improved experimental techniques and syntheses.

*Dalton Transactions* is the only major weekly journal for inorganic chemistry.

### Article Types

Publication times are rapid, with article types including Papers and Communications. The journal also publishes:

- Perspectives - invited personal accounts or critical analyses of activities in specialist areas
- Frontiers - shorter commissioned articles reporting recent developments, typically at the interface between inorganic chemistry and other disciplines
- Themed Issues on topics of current high interest

\*Issues for 1972-2009 have no volume numbering but constitute volumes 1-38.

### Readership

All researchers working in inorganic and organometallic chemistry, including biological inorganic chemistry.

## Energy & Environmental Science

www.rsc.org/ees



AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 12

**Volume** 9

**Impact Factor** 20.523

**Print & Online ISSN** 1754-5692

**Online ISSN** 1754-5706

**Print & Online Price** £1,517/\$2,726

**Online Price** £1,441/\$2,590

**Collections** RSC Gold,  
Materials Science

**Editorial Board Chair:** N Lewis, California Institute of Technology (Caltech), USA

### Scope

*Energy & Environmental Science* links the chemical, physical and materials sciences relating to energy conversion and storage, alternative fuel technologies and environmental science.

The journal recognises the complexity of issues and challenges relating to energy and environmental science and publishes work of an interdisciplinary nature across both physical and the (bio)chemical sciences and chemical engineering disciplines.

Topics include: solar energy conversion and photovoltaics; fuel cells; hydrogen storage and (bio)hydrogen production; materials for energy systems; carbon capture and storage; catalysis for a variety of feedstocks (eg oil, gas, coal, biomass and synthesis gas); biofuels and biorefineries; global atmospheric chemistry; climate change; artificial photosynthesis; life cycle assessment; chemicals from carbon dioxide; energy systems and networks; and nuclear power including fusion technologies.

### Article Types

*Energy & Environmental Science* publishes three types of Review Articles (Reviews, Perspectives and Mini Reviews) as well as Communications, Full Papers, Analysis and Opinion articles.

### Readership

Chemical scientists, physicists, nano- and materials researchers, chemical and process engineers, energy researchers, bio-scientists and environmental scientists from across academia, industry and government.

## Environmental Science: Nano

http://rsc.li/es-nano



AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 6

**Volume** 3

**Print & Online ISSN** 2051-8153

**Online ISSN** 2051-8161

**Print & Online Price** £1,370/\$2,260

**Online Price** £1,302/\$2,150

**Collections** RSC Gold

**Editor-in-Chief:** V H Grassian, University of Iowa, USA

### Scope

*Environmental Science: Nano* is a comprehensive source of information on nanomaterial interactions with biological and environmental systems, and the design and use of engineered nanomaterials for sustainability.

*Environmental Science: Nano* covers the benefits and implications of nanoscience and nanotechnology on environmental and human health and the sustainable design, development and use of nanotechnologies. This includes design, applications, life cycle implications, characterisation in biological and environmental media, environmental and biological interactions and fate, reactivity, biological uptake and ecotoxicity, and other areas of sustainable nanotechnology, including environmental uptake and remediation of pollutants by nanomaterials.

### Article Types

*Environmental Science: Nano* includes a mix of Communications, Full Papers, Perspectives, Critical Reviews, Frontier Reviews and Tutorial Reviews.

### Readership

Academic, industrial and government researchers, engineers, manufacturers and legislators interested in the effects and consequences of nanotechnologies on environmental and human health.

## Environmental Science: Processes & Impacts

<http://rsc.li/process-impacts>

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 12  
**Volume** 18  
**Partial Impact Factor** 2.171  
**Print & Online ISSN** 2050-7887  
**Online ISSN** 2050-7895  
**Print & Online Price** £1,953/\$3,505  
**Online Price** £1,856/\$3,331  
**Collections** RSC Gold,  
Analytical Science

**Editorial Board Chair:** F Wania, University of Toronto, Canada

### Scope

*Environmental Science: Processes & Impacts (ESPI)* is a unique environmental journal that aims to act as a catalyst for the discussion and exchange of ideas and information on complex environmental issues by significantly advancing our understanding of environmental issues, processes and impacts, and hopes to offer solutions to current and future environmental problems.

The scope covers five main areas:

- Source, transport & fate
- Exposure & impacts
- Policy & legislation
- Novel analytical tools & measurement technologies
- Sustainable solutions and technologies

### Article Types

*ESPI* publishes multidisciplinary research in Communications, Full Papers, Perspectives, Critical Reviews, Frontier Reviews and Tutorial Reviews.

### Readership

Industrial and academic scientists and professionals involved with assessing environmental and biological impacts; measurement and analytical scientists; legislators; government bodies; national and international environmental agencies; health and safety experts; toxicologists; industrial and occupational health professionals; medical and clinical researchers; technology and instrumentation experts.

## Environmental Science: Water Research & Technology

<http://rsc.li/es-water>

AVAILABLE  
IN PRINT  
& ONLINE

FREE ACCESS UNTIL  
END 2016  
[www.rsc.org/library/freeaccess](http://www.rsc.org/library/freeaccess)



**Frequency** 6  
**Volume** 2  
**Print & Online ISSN** 2053-1400  
**Online ISSN** 2053-1419  
**Print & Online Price** £1,411/\$2,328  
**Online Price** £1,340/\$2,212  
**Collections** RSC Gold

**Editorial Board Chair:** D M Cwiertny, University of Iowa, USA

### Scope

*Environmental Science: Water Research & Technology* covers established, developing, and emerging areas of water research in the built environment, including monitoring and analytical techniques; physical, chemical, and biological processes for water and wastewater treatment; membrane technologies and desalination; and advanced or highly innovative purification technologies.

Papers will address all issues relevant to water sustainability in built or engineered systems including, but not limited to, sustainability assessment for new and existing technologies, resource recovery from waste streams, urban and storm water management, management strategies for agricultural wastewaters and associated nonpoint source pollution, water infrastructure and distribution systems, decentralised treatment, water reuse, global sanitation, and climate change insofar as it relates to challenges that extreme events pose to resource management and infrastructure. As challenges to water sustainability extend beyond those solely scientific and technological in nature, articles, expert opinions and perspectives on relevant legislation and water policy will also be emphasised.

### Article Types

Communications, Full Papers, Perspectives, Critical Reviews, Frontier Reviews and Tutorial Reviews.

### Readership

Scientists, engineers, policy makers, individuals working in the water associated industries and the general public.



## Faraday Discussions

www.rsc.org/faraday



<b>Frequency</b> 11
<b>Volumes</b> 186-196
<b>Impact Factor</b> 4.606
<b>Print &amp; Online ISSN</b> 1359-6640
<b>Online ISSN</b> 1364-5498
<b>Print &amp; Online Price</b> £929/\$1,635
<b>Online Price</b> £883/\$1,553
<b>Collections</b> RSC Gold

**Standing Committee on Conferences Chair:** A Mount, University of Edinburgh, UK

### Scope

*Faraday Discussions* documents a long-established series of Faraday Discussion meetings, a unique international forum for the exchange of views and newly acquired results in rapidly developing areas of chemistry and its interfaces with other scientific disciplines. *Faraday Discussions* publishes all original papers together with a record of the discussion contributions made at the meeting, providing the complete picture. *Faraday Discussions* are highly cited, well respected accounts by world-class experts. The 11 volumes included in the 2016 subscription are:

- Nanoparticle Assembly: From Fundamentals to Applications
- Advanced Vibrational Spectroscopy for Biomedical Applications
- Designing New Heterogeneous Catalysts
- Chemistry in the Urban Atmosphere
- Liquid Salts for Energy and Materials
- Nanoparticles with Morphological and Functional Anisotropy
- Carbon Capture and Storage
- Ultrafast Imaging of Photochemical Dynamics
- Single Entity Electrochemistry
- Reaction Rate Theory
- Aggregation Induced Emission

Individual volumes can also be purchased separately. For more information go to [www.rsc.org/faraday](http://www.rsc.org/faraday)

### Readership

Academic and industry researchers in the physical sciences, spanning the interfaces between physics, chemistry and biology.

## Food & Function

www.rsc.org/foodfunction



<b>Frequency</b> 12
<b>Volume</b> 7
<b>Impact Factor</b> 2.791
<b>Print &amp; Online ISSN</b> 2042-6496
<b>Online ISSN</b> 2042-650X
<b>Print &amp; Online Price</b> £1,690/\$2,912
<b>Online Price</b> £1,606/\$2,766
<b>Collections</b> RSC Gold

**Editor-in-Chief:** K Croft, University of Western Australia, Australia

### Scope

*Food & Function* provides a unique venue to publish work at the interface of the chemistry, physics and biology of food. The journal focuses on food and its functions in relation to health, including:

- The physical properties and structure of food
- The chemistry of food components
- The biochemical and physiological actions
- Nutrition and health aspects of food

### Article Types

The journal publishes monthly issues containing Communications, Papers and Reviews.

### Readership

Highly multidisciplinary, the journal brings together different communities working in food-related research across academia, industry and government. These include (but are not limited to) food scientists, food technologists, food chemists, food physicists, food biochemists, nutritionists, nutritional chemists; as well as analytical scientists, pharmaceutical scientists, materials scientists, physical chemists, organic/synthetic chemists and microbiologists.

## Green Chemistry

www.rsc.org/greenchem



AVAILABLE  
IN PRINT  
& ONLINE



<b>Frequency</b> 24
<b>Volume</b> 18
<b>Impact Factor</b> 8.020
<b>Print &amp; Online ISSN</b> 1463-9262
<b>Online ISSN</b> 1463-9270
<b>Print &amp; Online Price</b> £1,662/\$2,928
<b>Online Price</b> £1,579/\$2,781
<b>Collections</b> RSC Gold

**Editorial Board Chair:** W Leitner, RWTH Aachen University, Germany

### Scope

*Green Chemistry* publishes research that relates to reducing the environmental impact of chemicals and fuels by developing alternative sustainable technologies that are inherently non-toxic to living things and the environment.

*Green Chemistry* coverage includes:

- The application of innovative technology to establish industrial procedures
- The development of environmentally improved routes and methods to important products
- The design of new, greener and safer chemicals and materials
- The use of sustainable resources
- The use of biotechnology alternatives to chemistry-based solutions
- Methodologies and tools for measuring environmental impact
- Chemical aspects of renewable energy

### Article Types

*Green Chemistry* publishes Communications, Papers, Reviews and Perspectives.

### Readership

Academics and industrialists involved with clean, renewable and sustainable resources, waste minimisation technologies, new safer chemicals, solvents and materials and alternative feedstocks. Also, those involved in national and international educational, industrial and governmental policies on safeguarding the environment.

## Integrative Biology

www.rsc.org/ibiology



AVAILABLE  
IN PRINT  
& ONLINE



<b>Frequency</b> 12
<b>Volume</b> 8
<b>Impact Factor</b> 3.756
<b>Five-year Impact Factor</b> 4.309
<b>Print &amp; Online ISSN</b> 1757-9694
<b>Online ISSN</b> 1757-9708
<b>Print &amp; Online Price</b> £1,275/\$2,428
<b>Online Price</b> £1,211/\$2,307
<b>Collections</b> RSC Gold

**Editorial Board Chair:** D Lauffenburger, MIT, USA

### Scope

*Integrative Biology* provides a unique venue for research that affords new insights into biological and biophysical questions, from the nano to the macroscale, through the application of innovative methodologies and novel enabling tools. The journal exploits multi-scale biology at the convergence of biology with physics, chemistry, engineering, imaging and informatics. *Integrative Biology* is indexed in various databases including MEDLINE and ISI. Subjects include:

- Synthetic biology
- Systems biology
- Computational biology-modelling
- Mechanobiology
- Cellular diagnostics
- Cellular analytics/single cell biology
- Imaging
- Translational application of novel technology
- Disease mechanisms
- Tissue engineering
- Regenerative medicine
- Quantification technologies

### Article types

*Integrative Biology* includes Papers, Reviews (Tutorial and Critical), Perspectives and Technical Innovations.

### Readership

Biologists, chemists, physicists and engineers working on biological problems using new technologies. Scientists who have interests in biology, physics, engineering, structural biology, biomacromolecular science, chemistry, chemical biology, protein engineering, biophysics, biotechnology, medicine and nanotechnology.



# Journal of Analytical Atomic Spectrometry

www.rsc.org/jaas

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 12

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**Volume** 31

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**Impact Factor** 3.466

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**Print & Online ISSN** 0267-9477

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**Online ISSN** 1364-5544

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**Print & Online Price** £2,182/\$2,970

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**Online Price** £2,073/\$2,822

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**Collections** RSC Gold, Analytical Science

**Editorial Board Chair:** F Vanhaecke, Ghent University, Belgium

## Scope

*Journal of Analytical Atomic Spectrometry (JAAS)* is the central journal for publishing innovative research on fundamentals, instrumentation, and methods in the determination, speciation and isotopic analysis of (trace) elements within all fields of application.

This includes, but is not restricted to, the most recent progress, developments and achievements in all forms of atomic and elemental detection, isotope ratio determination, plasma-based analysis and X-ray techniques. The journal is cross disciplinary, with comprehensive subject coverage and international authorship.

## Article Types

JAAS contains peer-reviewed Papers, Communications, Technical Notes and Critical and Tutorial Reviews.

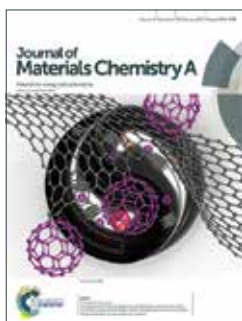
## Readership

Atomic spectrometrists, mass spectrometrists, geochemists, biomedical and clinical scientists, environmental scientists, toxicologists, forensic scientists and archaeometrists. The readership spans researchers in universities and related academic institutes, government and research organisations, industry, independent laboratories and consulting firms.

# Journal of Materials Chemistry A

www.rsc.org/materialsA

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 48

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**Volume** 4

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**Partial Impact Factor** 7.443

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**Print & Online ISSN** 2050-7488

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**Online ISSN** 2050-7496

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**Print & Online Price** £1,922/\$3,990

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**Online Price** £1,826/\$3,790

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**Collections** RSC Gold, Core Chemistry, Materials Science

**Editor-in-Chief:** N Martín, Universidad Complutense de Madrid, Spain

**Deputy Editor-in-Chief:** H Imahori, Kyoto University, Japan

## Scope

*Journal of Materials Chemistry A* is interdisciplinary, publishing work of international significance on all aspects of materials chemistry related to energy and sustainability including (but not limited to):

- Materials for energy storage and conversion: eg fuel cells, photovoltaics, hydrogen storage, batteries, photocatalysis
- Materials for sustainability: eg green materials, materials for catalysis, carbon capture, carbon dioxide conversion, materials free from scarce natural resources
- Materials for living: eg materials for sensing, self-healing materials, self-cleaning materials, materials for water treatment

## Article Types

- Review-type articles: Applications, Reviews and Highlights
- Communications
- Papers
- Comments

## Readership

*Journal of Materials Chemistry A* is a core journal for academic and industrial scientists involved in materials research.

# Journal of Materials Chemistry B

www.rsc.org/materialsB



AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 48

**Volume** 4

**Partial Impact Factor** 4.726

**Print & Online ISSN** 2050-750X

**Online ISSN** 2050-7518

**Print & Online Price** £1,887/\$3,026

**Online Price** £1,792/\$2,875

**Collections** RSC Gold, Core Chemistry, Materials Science

**Editor-in-Chief:** N Martín, Universidad Complutense de Madrid, Spain

**Deputy Editor-in-Chief:** C Schmidt, University of Florida, USA

## Scope

*Journal of Materials Chemistry B* is interdisciplinary, publishing work of international significance on all aspects of materials chemistry related to biology and medicine, including (but not limited to):

- Materials for healthcare and biomedicine: eg diagnostic and therapeutic devices, materials for tissue engineering and regenerative medicine, materials for drug delivery systems
- Materials at the biointerface: eg biosensors, antimicrobial coatings, biomineralisation
- Biomimetic and bio-inspired materials: eg bioelectronics, bionic materials and materials for soft robotics

## Article Types

- Review-type articles: Applications, Reviews and Highlights
- Communications
- Papers
- Comments

## Readership

*Journal of Materials Chemistry B* is a core journal for academic and industrial scientists involved in materials research.

# Journal of Materials Chemistry C

www.rsc.org/materialsC



AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 48

**Volume** 4

**Partial Impact Factor** 4.696

**Print & Online ISSN** 2050-7526

**Online ISSN** 2050-7534

**Print & Online Price** £1,887/\$3,026

**Online Price** £1,792/\$2,875

**Collections** RSC Gold, Core Chemistry, Materials Science

**Editor-in-Chief:** N Martín, Universidad Complutense de Madrid, Spain

**Deputy Editor-in-Chief:** P Skabara, WestCHEM, University of Strathclyde, UK

## Scope

*Journal of Materials Chemistry C* is interdisciplinary, publishing work of international significance on all aspects of materials chemistry related to optical, magnetic and electronic devices, including (but not limited to):

- Display technologies: eg liquid crystals, LEDs, OLEDs
- Optical materials: eg photonics, plasmonics, metamaterials
- Magnetics: eg magnetic materials, spintronics, optomagnetism
- Electronics: eg printing technologies, transistors, semi-conductors
- Information storage technology: eg memory devices, integrated nanostructured materials, switchable devices

## Article Types

- Review-type articles: Applications, Reviews and Highlights
- Communications
- Papers
- Comments

## Readership

*Journal of Materials Chemistry C* is a core journal for academic and industrial scientists involved in materials research.

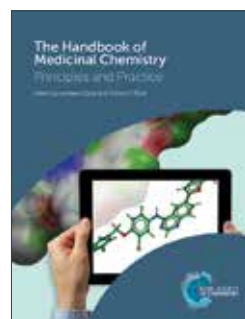
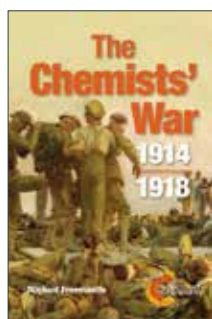
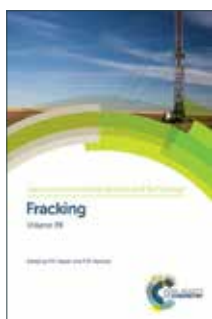
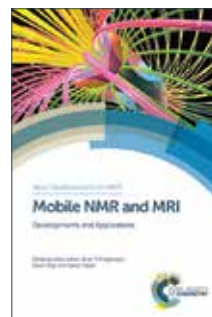
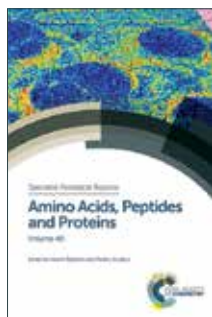
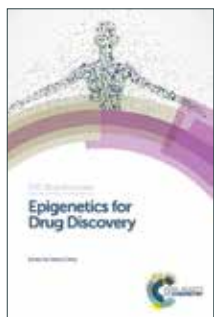


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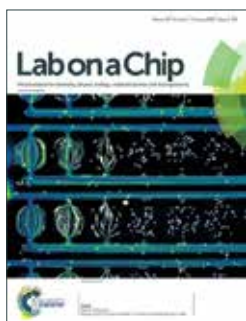




## Lab on a Chip

www.rsc.org/loc

AVAILABLE  
IN PRINT  
& ONLINE



Frequency 24

Volume 16

Impact Factor 6.115

Print & Online ISSN 1473-0197

Online ISSN 1473-0189

Print & Online Price £1,747/\$3,135

Online Price £1,660/\$2,979

Collections RSC Gold

**Editorial Board Chair:** G Whitesides, Harvard University, USA

### Scope

*Lab on a Chip* is the leading journal in its field; it provides a unique forum for the publication of highly novel, original research dealing with microfluidics and miniaturisation at the micro and nanoscale that is likely to be of significant impact to the multidisciplinary community that the journal addresses.

The scope includes top-down and bottom-up research across a wide variety of disciplines including: chemistry; biology; physics; bioengineering (including MEMs and BioMEMs); electronics; security; clinical/medical science; analytical science; and materials science.

*Lab on a Chip* coverage is highly relevant to a variety of industrial, academic and government sectors (see above) as well as: pharmaceuticals; medicine; synthesis; security and defence.

### Article Types

*Lab on a Chip* includes Communications, Papers, Tutorial and Critical Reviews, Frontier Reviews and Technical Innovations.

### Readership

Industrial and academic sectors, including: pharmaceuticals; medicine; analytical science; synthetic chemistry; biotechnology; BioMEMs; physics; materials science; bioengineering and electronics.

## Materials Horizons

rsc.li/materials-horizons

AVAILABLE  
IN PRINT  
& ONLINE



Frequency 6

Volume 3

Print & Online ISSN 2051-6347

Online ISSN 2051-6355

Print & Online Price £2,000/\$3,400

Online Price £1,900/ \$3,250

Collections RSC Gold, Materials Science

**Editorial Board Chair:** S Marder, Georgia Institute of Technology, USA

### Scope

*Materials Horizons* is a premier journal publishing first reports of exceptional significance across the breadth of materials research. It is an innovative, community-focused, dynamic journal guided by world-renowned Editorial Board members.

The journal features research at the cutting-edge interface of materials science with chemistry, physics, biology and engineering.

### Article Types

*Materials Horizons* publishes Communications, Reviews, Mini Reviews and Focus articles.

### Readership

Academic, government and industrial scientists involved in all aspects of materials research.

## MedChemComm

www.rsc.org/medchemcomm



AVAILABLE  
IN PRINT  
& ONLINE



Frequency 12

Volume 7

Impact Factor 2.495

Print & Online ISSN 2040-2503

Online ISSN 2040-2511

Print & Online Price £1,591/\$2,357

Online Price £1,511/\$2,239

Collections RSC Gold

**Co-Editor-in-Chief:** A Wood, Pfizer, USA

**Co-Editor-in-Chief:** G Verdine, Harvard University, USA

### Scope

*MedChemComm* welcomes highly significant research and review articles in medicinal chemistry, including research which interfaces with other areas of the chemical sciences, biology, materials science or physics. The scope includes:

- Chemical biology studies that enable drug discovery
- Technologies with potential application in drug discovery
- Modifications of known chemical or biochemical entities that significantly improve pharmacological properties
- Design, synthesis and evaluation of novel chemical or biochemical entities which exhibit significant potential as new pharmacological agents, probes and/or potential drugs
- Computational, biophysical, physicochemical, molecular biological, proteomic studies of chemical or biochemical entities and the interaction in their biological environment
- Pharmacokinetic behaviour, pharmacodynamics, and drug safety and toxicology

### Article Types

Concise Articles, for new research and Reviews.

### Readership

Academia and industry conducting research in the field of medicinal chemistry, drug discovery, pharmacology and pharmaceutical research. Those working in traditional areas of the chemical sciences or at the interface with biology and physics.



## Metallomics

www.rsc.org/metallomics



AVAILABLE  
IN PRINT  
& ONLINE



Frequency 12

Volume 8

Impact Factor 3.585

Print & Online ISSN 1756-5901

Online ISSN 1756-591X

Print & Online Price £1,392/\$2,501

Online Price £1,322/\$2,376

Collections RSC Gold

**Editorial Board Chair:** W Maret, King's College London, UK

### Scope

*Metallomics* publishes original research and topical reviews which provide insight into the role of metals, metalloids and trace elements in the biosciences with an emphasis on a global approach.

Topics in the biosciences include, but are not limited to:

- Structure and function of metals in biomolecules
- Mechanisms of metals, metalloids and trace elements in health and disease
- Genetic, epigenetic, and molecular regulation of the uptake, accumulation and metabolism of metals, metalloids and trace elements
- Toxicological and nutritional interactions of metals, metalloids and trace elements
- Elemental cycles between the biosphere and geosphere
- Interactions among nanoparticles, metals and metal-containing biomolecules in biological systems
- Elemental speciation and biodistribution (kinetics, flux, dynamics)
- Novel analytical approaches to global metal, metalloid and trace element characterisation in biological systems
- Bioimaging and localisation of metals, metalloids and trace elements in cells, organelles and systems

### Article Types

*Metallomics* contains Papers, Communications and Critical, Tutorial and Mini Reviews.

### Readership

Scientists and researchers interested in biochemistry, cell biology, metallobiology, clinical chemistry, medicine, nutrition, microbiology, analytical science, biogeochemistry, pharmacology and toxicology.

## Molecular BioSystems

www.rsc.org/molecularbiosystems



<b>Frequency</b> 12
<b>Volume</b> 12
<b>Impact Factor</b> 3.210
<b>Print &amp; Online ISSN</b> 1742-206X
<b>Online ISSN</b> 1742-2051
<b>Print &amp; Online Price</b> £1,373/\$2,418
<b>Online Price</b> £1,304/\$2,297
<b>Collections</b> RSC Gold

**Editorial Board Chair:** E Marcotte, University of Texas at Austin, USA

### Scope

*Molecular BioSystems* is a broad scope journal which publishes significant and high quality research at the chemistry-biology interface. Core areas of research are chemical biology, -omics sciences and systems biology.

Main research areas include:

- Chemical biology: experimental and theoretical research at the interface of chemistry and biology, covering both chemical tools for biological questions and molecular-level understanding, control and manipulation of biological processes
- Omics sciences: experimental and bioinformatics research in the -omics sciences, including genomics, proteomics, transcriptomics and metabolomics. -omics studies with a focus on chemical biology are of particular interest
- Systems biology: modelling, simulation and analysis of the components and interactions in complex biological systems, including cells, genes and metabolic or signalling networks

### Article Types

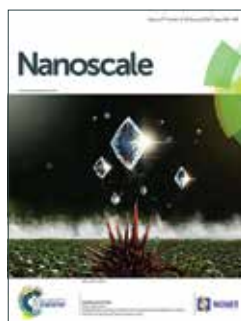
Article types include Communications, Papers, Reviews and Opinions.

### Readership

Researchers from industry or academia drawing on the fundamental disciplines and technologies associated with chemistry and biology, with the aim of providing insight, at a molecular level, into the world of life sciences. Thus the journal will appeal to a wide variety of researchers.

## Nanoscale

www.rsc.org/nanoscale



<b>Frequency</b> 48
<b>Volume</b> 8
<b>Impact Factor</b> 7.394
<b>Print &amp; Online ISSN</b> 2040-3364
<b>Online ISSN</b> 2040-3372
<b>Print &amp; Online Price</b> £1,533/\$2,499
<b>Online Price</b> £1,456/\$2,374
<b>Collections</b> RSC Gold, Materials Science

**Editor-in-Chief:** C Bai, NCNST, Beijing and the Chinese Academy of Sciences, China

### Scope

*Nanoscale* publishes experimental and theoretical work across the breadth of nanoscience and nanotechnology. It is published in collaboration with the National Center for Nanoscience and Technology (NCNST), Beijing, China.

Highly interdisciplinary, the scope includes but is not limited to:

- Synthesis, characterisation and properties of nanoscale materials
- Self-assembly and molecular organisation
- Nanocomposites, nanoparticles, nanocrystalline materials and nanoclusters
- Nanotubes, molecular nanowires and nanocrystals
- Molecular nanoscience
- Nanoelectronics and nanophotonics
- Nanochips, nanosensors, nanofluidics and nanofabrication
- Nanocatalysis
- Biomimetic materials, nanobiotechnology/bionanomaterials and nanomedicine
- Regulatory approaches and risk assessment

### Article Types

The journal publishes a full mix of research articles including Communications, Reviews and Papers.

### Readership

Scientists, researchers and professionals interested in nanoscience and nanotechnology, including the areas of physics, chemistry, biology, medicine, materials, energy/environment, information technology, detection science, healthcare and drug discovery, and electronics.



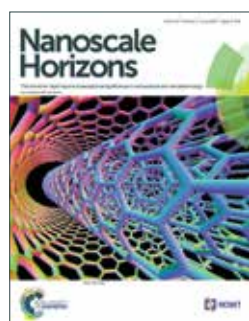
## Nanoscale Horizons

<http://rsc.li/nanoscale-horizons>



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END 2017  
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**Frequency** 6

**Volume** 1

**Print & Online ISSN** 2055-6756

**Online ISSN** 2055-6764

**Print & Online Price**  
£2,000/\$3,300

**Online Price** £1,900/\$3,135

**Collections** RSC Gold, Materials  
Science

**Editorial Board Chair:** H Craighead, Cornell University, USA

### Scope

*Nanoscale Horizons* is a premier journal publishing first reports of exceptional significance across the breadth of nanoscience and nanotechnology research. Topics covered in the journal include, but are not limited to:

- Synthesis, characterisation and properties of nanoscale materials
- Self-assembly and molecular organisation
- Nanocomposites, nanoparticles, nanocrystalline materials and nanoclusters
- Nanotubes, molecular nanowires and nanocrystals
- Molecular nanoscience
- Nanoelectronics and nanophotonics
- Nanochips, nanosensors, nanofluidics and nanofabrication
- Nanocatalysis
- Biomimetic materials, nanobiotechnology/ bionanomaterials and nanomedicine
- Regulatory approaches and risk assessment

### Article Types

Communications, Reviews, Mini-reviews and Focus Articles.

### Readership

Scientists, researchers and professionals in academia and industry interested in nanoscience and nanotechnology, including, but not limited to, the areas of physics, chemistry, biology, medicine, materials, energy/environment, information technology, detection science, healthcare and drug discovery, and electronics.

## Natural Product Reports

[www.rsc.org/npr](http://www.rsc.org/npr)



AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 12

**Volume** 33

**Impact Factor** 10.107

**Print & Online ISSN** 0265-0568

**Online ISSN** 1460-4752

**Print & Online Price** £1,279/\$2,250

**Online Price** £1,215/\$2,138

**Collections** RSC Gold

**Editorial Board Chair:** B Moore, University of California, San Diego, USA

### Scope

*Natural Product Reports (NPR)* is a monthly journal of critical reviews. It aims to stimulate progress in the study of natural products chemistry by providing both comprehensive and topical reviews of the relevant literature. This coverage is augmented by frequent reviews of the wider context of bio-organic chemistry and chemical biology, including developments in enzymology, nucleic acids, genetics, chemical ecology, carbohydrates, biological activity, primary and secondary metabolism, analytical techniques and synthesis, which will be of general interest to all workers in the area.

### Article Types

Reviews, Highlights, Viewpoints and Hot off the Press.

### Readership

Academic and industrial scientists working in all aspects of natural product chemistry and in the wider chemical biology, chemical ecology, synthetic chemistry and medicinal chemistry fields.

## New Journal of Chemistry

www.rsc.org/njc

AVAILABLE  
IN PRINT  
& ONLINE



<b>Frequency</b> 12
<b>Volume</b> 40
<b>Impact Factor</b> 3.086
<b>Print &amp; Online ISSN</b> 1144-0546
<b>Online ISSN</b> 1369-9261
<b>Print &amp; Online Price</b> £1,413/\$2,377
<b>Online Price</b> £1,342/\$2,258
<b>Collections</b> RSC Gold, Core Chemistry, General Chemistry

**Editor-in-Chief:** M W Hosseini, Université de Strasbourg, France

### Scope

*New Journal of Chemistry (NJC)* is a high-impact international journal of broad appeal for the publication of cutting-edge research that opens new directions in chemistry or in other scientific disciplines. The journal is owned by the CNRS and published by the Royal Society of Chemistry.

*NJC* is a forum for the publication of high-quality, original and significant work that is of wide general appeal.

### Article Types

*NJC* publishes Letters, Papers, Focus Articles and Perspectives.

### Readership

Academic and industrial scientists in all areas of the chemical sciences.



## Organic & Biomolecular Chemistry

www.rsc.org/obc

AVAILABLE  
IN PRINT  
& ONLINE



<b>Frequency</b> 48
<b>Volume</b> 14
<b>Impact Factor</b> 3.562
<b>Print &amp; Online ISSN</b> 1477-0520
<b>Online ISSN</b> 1477-0539
<b>Print &amp; Online Price</b> £4,709/\$8,452
<b>Online Price</b> £4,474/\$8,029
<b>Collections</b> RSC Gold, Core Chemistry

**Editorial Board Chair:** A Yudin, Toronto University, Canada

### Scope

*Organic & Biomolecular Chemistry (OBC)* is a high quality journal covering the full breadth of synthetic, physical and biomolecular organic chemistry.

*OBC* brings together molecular design, synthesis, structure, function and reactivity in one journal. It publishes fundamental work on synthetic, physical and biomolecular organic chemistry as well as all organic aspects of: chemical biology; medicinal chemistry; natural product chemistry; supramolecular chemistry; macromolecular chemistry; theoretical chemistry; and catalysis.

### Article Types

*OBC* publishes two types of Reviews, as well as Communications and Papers. Reviews cover important developments in current areas of interest for a synthetic, physical or biomolecular organic chemistry audience, providing an authoritative discussion of the area concerned, whilst Perspectives are short forward-looking articles taking some recently published research and presenting it in the wider context of the field.

### Readership

Academic and industrial scientists working in organic synthesis, supramolecular chemistry, bioorganic chemistry, medicinal chemistry and physical organic chemistry.



## Photochemical & Photobiological Sciences

www.rsc.org/pps

AVAILABLE  
IN PRINT  
& ONLINE



Frequency 12

Volume 15

Impact Factor 2.267

Print & Online ISSN 1474-905X

Online ISSN 1474-9092

Print & Online Price £1,836/\$3,089

Online Price £1,744/\$2,934

Collections RSC Gold

**Co-Editor-in-Chief:** D Bassani, Université Bordeaux 1, France

**Co-Editor-in-Chief:** R Tyrrell, University of Bath, UK

### Scope

*Photochemical & Photobiological Sciences* meets the growing information needs of scientists working in the areas of photochemistry and photobiology, and encourages a synergism between these two important research areas. The journal publishes articles on elemental photochemical and photobiological processes, the interaction of light with living systems, environmental photochemistry and photobiology, the use of light as a reagent and how light affects health.

This international journal is published monthly on behalf of the European Society for Photobiology (ESP), the European Photochemistry Association (EPA), the Asia and Oceania Society for Photobiology (AOSP) and the Korean Society of Photoscience (KSP).

### Article Types

The journal publishes Papers, Communications and Perspectives.

### Readership

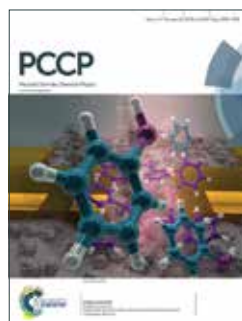
Chemists, biologists, biochemists, biophysicists, medical researchers, plant photobiologists, environmental photoscientists; those working in technology areas where photoscience has applications.



## Physical Chemistry Chemical Physics

www.rsc.org/pccp

AVAILABLE  
IN PRINT  
& ONLINE



Frequency 48

Volume 18

Impact Factor 4.493

Print & Online ISSN 1463-9076

Online ISSN 1463-9084

Print & Online Price £4,002/\$7,049

Online Price £3,802/\$6,696

Collections RSC Gold,  
Core Chemistry

**Editorial Board Chair:** S Kim, Seoul National University, Korea

### Scope

An international journal for the publication of original work in physical chemistry, chemical physics and biophysical chemistry, *Physical Chemistry Chemical Physics (PCCP)* is one of the world's most important journals in this field.

The journal has a broad scope which includes spectroscopy, dynamics, kinetics, statistical mechanics, thermodynamics, electrochemistry, catalysis, surface science, quantum mechanics and theoretical developments. To be suitable for publication in *PCCP*, articles must include significant new physical insights.

Interdisciplinary research areas such as polymers and soft matter, materials, nanoscience, surfaces/interfaces and biophysical chemistry, where they include a physicochemical approach, are an important part of the journal.

*PCCP* is jointly owned by the Royal Society of Chemistry, Deutsche Bunsen-Gesellschaft für Physikalische Chemie and the chemical or physical societies of Australia, Austria, Canada, Denmark, Finland, Ireland, Israel, Italy, Korea, The Netherlands, New Zealand, Norway, Poland, Spain, Sweden, Switzerland and Turkey.

### Article Types

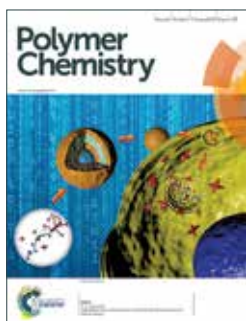
*PCCP* publishes Papers, Communications and Perspective feature articles.

### Readership

Researchers in both industry and academia working in the fields of physical chemistry, chemical physics and biophysical chemistry.

## Polymer Chemistry

www.rsc.org/polymers



Frequency 48

Volume 7

Impact Factor 5.520

Print & Online ISSN 1759-9954

Online ISSN 1759-9962

Print & Online Price £2,630/\$4,491

Online Price £2,499/\$4,266

Collections RSC Gold, Materials Science

**Editor-in-Chief:** D Haddleton, University of Warwick, UK

### Scope

*Polymer Chemistry* is a weekly peer-reviewed journal publishing advances in polymer chemistry encompassing all aspects of synthetic and biological macromolecules, and related emerging areas. The journal provides a showcase for the ongoing efforts driving polymer chemistry, highlighting the creativity of the field and previously inaccessible applications.

*Polymer Chemistry* is the leading journal in its field. The scope covers all aspects of the chemistry of polymers, macromolecules, biopolymers, and biomacromolecules including:

- Novel synthetic and polymerisation methods
- Reactions and chemistry of polymers
- Novel properties and characterisation of polymers
- Macromolecular structure and function
- Synthesis and application of polymer bioconjugates
- Supramolecular polymer chemistry
- Polymer (nano)composites and architectures

### Article Types

*Polymer Chemistry* publishes original research papers, in the form of Papers and Communications, in addition to Reviews and Mini Reviews.

### Readership

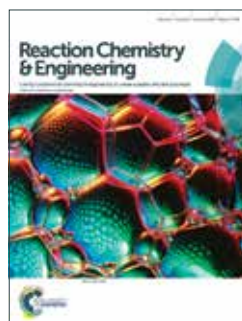
All polymer scientists, materials scientists and bioscientists in industry and academia.

## Reaction Chemistry & Engineering

http://rsc.li/reaction-engineering



FREE ACCESS UNTIL  
END 2017  
www.rsc.org/library/freeaccess



Frequency 6

Volume 1

Online ISSN 2058-9883

Online Price £1,800/\$2,970

**Editorial Board Chair:** K Jensen, Massachusetts Institute of Technology, USA

### Scope

From fundamental, molecular level chemistry to large scale chemical processes, *Reaction Chemistry & Engineering* is aimed at both chemists and chemical engineers working to ensure the role of reaction chemistry in a sustainable society.

The journal will cover experimental, theoretical and modelling aspects in:

- New reactions and reaction optimisation
- Reaction pathways and design
- Reaction mechanisms and kinetics
- Reaction analysis and monitoring
- Catalysis and catalytic reaction engineering
- Multiphase and reacting flows
- Emerging reactor technologies
- Sustainable reaction engineering

### Article Types

*Reaction Chemistry & Engineering* publishes Communications, Papers, Reviews and Mini Reviews.

### Readership

Researchers in both industry and academia working in the fields of chemistry and chemical engineering.



# The Historical Collection

## Unlock chemistry's past...

The Historical Collection is a new digital archive designed to make the significant scientific records we hold widely available.

The Collection includes:

- **Society Publications (1949–2012)**
- **Society Minutes (1841–1966)**
- **Historical Books and Papers (1505–1991)**

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**...and help to shape its future**



## RSC Advances

www.rsc.org/advances



**Volume 6**

**Impact Factor 3.840**

**Online ISSN 2046-2069**

**Online Price £4,400/\$5,940**

**Collections** RSC Gold, Core Chemistry, General Chemistry

**Editor-in-Chief:** M D Ward, University of Sheffield, UK

### Scope

*RSC Advances* is an international, peer-reviewed journal covering all of the chemical sciences, including multidisciplinary and emerging areas. The journal publishes high quality, well-conducted research which advances the development of the field.

Authors receive their page numbers instantly with article-based publishing. The final edited and formatted version of the article is immediately assigned page numbers and published in an 'Issue in Progress'. Readers can choose how to browse the issues: articles can be ordered by page number (default view), article type, most recently added or subject.

A key feature of the journal is the innovative online discoverability of the content on the Royal Society of Chemistry publishing platform. This is possible thanks to sophisticated behind-the-scenes topic modelling, which classifies the content of the journal into one or more of 12 main subject areas and further sub-categories.

### Readership

Academic, government and industrial scientists from all disciplines, specialised or interdisciplinary, including: organic, medicinal, inorganic, organometallic, physical and biochemists; biologists; physicists; engineers; theoretical chemists; analytical, materials, polymer, surface, sustainable energy and environmental scientists.

## Soft Matter

www.rsc.org/softmatter



**Frequency 48**

**Volume 12**

**Impact Factor 4.029**

**Print & Online ISSN 1744-683X**

**Online ISSN 1744-6848**

**Print & Online Price £1,543/\$2,716**

**Online Price £1,466/\$2,580**

**Collections** RSC Gold, Materials Science

**Editorial Board Chair:** M Rubinstein, University of North Carolina at Chapel Hill, USA

### Scope

*Soft Matter* provides a unique forum for the communication of fundamental science underpinning the properties of soft matter, with a particular focus on the interface between physics, materials science, biology, chemical engineering and chemistry.

The scope of *Soft Matter* covers: bulk soft matter assemblies; soft nanotechnology and self-assembly; biological aspects of soft matter; surfaces, interfaces, and interactions; and theory, modelling, and simulation.

### Article Types

The journal publishes a range of article types including Communications, Papers, Reviews, Highlights and Opinions.

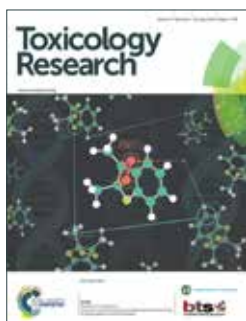
### Readership

Researchers from industry or academia, particularly: materials scientists; surface scientists; physicists; biochemists; biological scientists; chemical engineers; biophysicists; and physical, organic and theoretical chemists.

# Toxicology Research

www.rsc.org/toxicology

AVAILABLE  
IN PRINT  
& ONLINE



**Frequency** 12

**Volume** 5

**Impact Factor** 3.983

**Print & Online ISSN** 2045-452X

**Online ISSN** 2045-4538

**Print & Online Price** £1,505/\$2,459

**Online Price** £1,430/\$2,336

**Collections** RSC Gold

**Editor-in-Chief:** N Gooderham, Imperial College London, UK

## Scope

*Toxicology Research* brings together established and emerging areas of toxicology in one journal. Combining chemical and biological studies, the journal aims to advance understanding in all areas of physiological toxicology through the publication of high quality research and review articles. Research which covers interfacial or emerging topics - such as computational and predictive toxicology - is particularly welcome.

## Topics include:

- Biomarkers of toxicity
- Carcinogenicity
- Computational and predictive toxicology
- Genetic toxicology
- Nanotoxicology
- Risk assessment
- Systems toxicity

## Article Types

The journal features primary research in the form of Communications and Full Papers, and Review Articles.

## Readership

Academia and industry conducting research in the field of physiological toxicology, including risk assessment, toxicogenomics and pharmacokinetics.



Chinese Society Of Toxicology



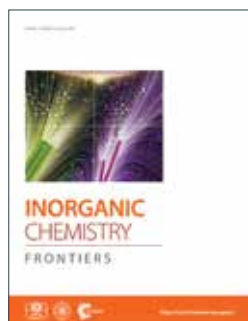


# China-led journals, published in partnership with the Royal Society of Chemistry.

## Inorganic Chemistry Frontiers

<http://rsc.li/frontiers-inorganic>

FREE ACCESS UNTIL  
END 2015  
[www.rsc.org/libraryfreeaccess](http://www.rsc.org/libraryfreeaccess)



Frequency 12

Volume 3

Online ISSN 2052-1553

Online Price £1,200/\$1,920

Developed by The Chinese Chemical Society and Peking University (PKU)

Editor-in-Chief: S Gao, Peking University, China

### Scope

*Inorganic Chemistry Frontiers* publishes research articles, reviews, notes, comments and methods covering all areas of inorganic chemistry, with special focus on frontiers between inorganic chemistry and related disciplines. The journal strives to promote inorganic research, broadly defined and deemed significant.

This is one of the Frontiers journals, a unique collaboration between the Chinese Chemical Society and the Royal Society of Chemistry, aiming to publish a series of high impact, quality chemistry journals that showcase the very best research from around the world, with a special focus on China and Asia. Each journal has a top Chinese institute in the relevant field as a partner in the collaboration. For *Inorganic Chemistry Frontiers*, this is Peking University.

### Article Types

Research Articles, Reviews and Chemistry Frontiers.

### Readership

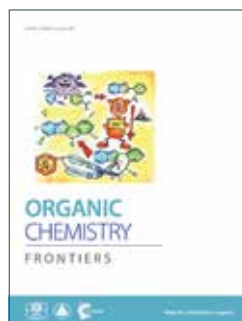
All researchers working in inorganic and organometallic chemistry.



## Organic Chemistry Frontiers

<http://rsc.li/frontiers-organic>

FREE ACCESS UNTIL  
END 2015  
[www.rsc.org/libraryfreeaccess](http://www.rsc.org/libraryfreeaccess)



Volume 3

Online ISSN 2052-4129

Online Price £1,200/\$1,920

Developed by The Chinese Chemical Society and Shanghai Institute of Organic Chemistry

Editor-in-Chief: S Ma, Shanghai Institute of Organic Chemistry, China

### Scope

*Organic Chemistry Frontiers* publishes high impact work on all disciplines of organic chemistry. The journal welcomes articles which make a significant contribution to the field of organic chemistry by reporting either new or significantly improved protocols or methodologies.

The journal is one of the Frontiers journals, a unique collaboration between the Chinese Chemical Society and the Royal Society of Chemistry, aiming to publish a series of high impact, quality chemistry journals that showcase the very best research from around the world, with a special focus on China and Asia. Each journal has a top Chinese institute in the relevant field as a partner in the collaboration. For *Organic Chemistry Frontiers*, this is Shanghai Institute of Organic Chemistry (SIOC).

### Article Types

Research Articles, Critical Reviews, Highlights, Tutorial Accounts, Methods, Chemistry Frontiers and Profiles.

### Readership

All academic and industrial scientists working in organic chemistry.



# Literature Updating Services

## Introduction



### About our Literature Updating Services

Literature updates allow subscribers to stay up to date with the latest published work in key fields of research, within and outside of their own specialist research focus.

Scientifically trained editors with in-depth knowledge of the subject pick out entries of significant interest and publish them online. They can be browsed via the website, or subscribers can sign up to email alerts highlighting new content, at the frequency, and on specific topics, of their choosing. This is designed to give you the chance to browse content you may not come across in your own more specific searches.

As well as timely updates on a range of subject areas, subscribers get site-wide access to their chosen updating service's searchable database.

Our current literature updating services:

- *Analytical Abstracts*
- *Natural Product Updates*
- *Synthetic Reaction Updates* (replacing *Catalysts & Catalysed Reactions* and *Methods in Organic Synthesis*)
- *Chemical Hazards in Industry*
- *Laboratory Hazards Bulletin*

Signing up to one or all of these updating services is a great way to stay aware of developments in the wider field in a timely manner.

Subscribers have access to updates compiled from over 350 key journals, from across the scientific literature.

## Analytical Abstracts

<http://rsc.li/aa-database>



**Online Frequency** Weekly

**Online ISSN** 1471-7107

**Online Price** £3,657/\$6,441

**Collections** RSC Gold, Analytical Science



### About

*Analytical Abstracts* is the premier current awareness and information retrieval service for analytical and bioanalytical scientists. It provides access to analytical content from over 90 different journals from all over the world and is updated weekly by a team of trained scientists.

Features of the database include:

- Unique specialist indexing: search by analyte, matrix or technique
- Weekly online updates of ~200 abstracts
- Direct links to the original papers
- Search results can be exported to email and reference manager software
- Selective indexing based on novel techniques and quantitative measurement

Subscribers to *Analytical Abstracts* have site-wide access to the entire database, which is fully searchable across nearly half a million records from 1980 to the present.

### Readership

Analytical scientists concerned with inorganic, organic, clinical, biochemical, pharmaceutical, environmental and food analysis, sample handling, instrumentation and data processing.

## Chemical Hazards in Industry

<http://rsc.li/chi-database>



**Online Frequency** Monthly

**Online ISSN** 1476-3907

**Online Price** £3,364/\$6,279

**Collections** RSC Gold



### About

*Chemical Hazards in Industry* concentrates on health and safety, chemical and biological hazards, plant safety, legislation, protective equipment and storage, all relating to the chemical and allied industries.

Search the database for answers to questions such as:

- What are the health implications of solvent exposure?
- What studies have been carried out on the effect of dust on workers?
- What are the restrictions on dioxin emissions?

Each monthly update contains around 250 items selected from the worldwide primary literature. The source list includes 70 key scientific and trade journals, scanned for information on safety and health hazards surrounding chemicals encountered in the chemical and related industries.

The records include document titles, full bibliographic details and abstracts.

A subscription includes site-wide access to the database, fully searchable dating back to 1978.

### Readership

Industrial chemists in all areas of the chemical sciences.

## Laboratory Hazards Bulletin

<http://rsc.li/lhb-database>



**Online Frequency** Monthly

**Online ISSN** 1476-3915

**Online Price** £1,967/\$3,672

**Collections** RSC Gold



### About

*Laboratory Hazards Bulletin* reports on safety measures, potential hazards and new legislation affecting workers in laboratories.

Search the database for answers to questions such as:

- What measures need to be taken to dispose of laboratory waste safely?
- How can acids be handled safely in a laboratory?
- How can gloves be used as a precaution against contact dermatitis and other allergies?

Over 70 key scientific and trade journals are scanned monthly for information on hazards encountered by laboratory workers in all fields, including R&D, analytical and hospital laboratories. There are now over 72,000 records in this dynamic and fully searchable online database, with coverage stretching back to 1978.

Updates include around 60 new entries a month. The references include document titles, bibliographic citations and abstracts.

### Readership

Practising research chemists, safety scientists.

## Natural Product Updates

<http://rsc.li/npu-database>



**Online Frequency**  
Continuous

**Online ISSN** 1478-1557

**Online Price** £885/\$1,652  
**Collections** RSC Gold



### About

An online database and updating service that keeps you up to date with recent significant advances in natural product chemistry. Sign up for alerts or browse the content quickly and easily online. *Natural Product Updates* offers:

- Re-drawn, standardised chemical structures for ease of browsing
- Coverage of over 40 journals by a team of trained editors
- Over 150 new entries per month
- A searchable online database of over 35,000 records
- Records contain chemical structures, trivial and taxonomic names, physical and biological properties
- Structure-searchable through ChemSpider

*Natural Product Updates* covers such topics as isolation studies, new compounds, structural elucidations, new properties and activities, and total syntheses.

### Readership

Chemists, biochemists, pharmacists, medicinal chemists, botanists and other scientists working in the natural products area.

## Synthetic Reaction Updates

<http://rsc.li/synthetic-reaction-updates>



**Online Frequency**  
Continuous

**Online ISSN** 2055-6152

**Online Price** £1,091/\$2,037  
**Collections** RSC Gold



### About

*Synthetic Reaction Updates* is a literature updating service keeping you up to date with recent developments in chemical synthesis. Its scope covers all synthetic chemistry, with a focus on organic chemistry and interesting transformations of functional groups.

Features of *Synthetic Reaction Updates* include:

- Updates on the most important synthetic methods from the recent literature
- Browse new content on the website, or sign up to email alerts tailored to your research area and delivered weekly or monthly
- Hand-picked entries, selected by editors from the scientific research community for novelty and general interest
- Around 150 new entries a month, from 35 key journals
- Standardised re-drawn reaction schemes for easy visualisation
- Search current content, or access over 100,000 historical records (through the discontinued *Catalysts & Catalysed Reactions* and *Methods in Organic Synthesis* databases)
- Site-wide access for subscribers

### Readership

Academic and industrial chemists working in all aspects of synthetic chemistry.

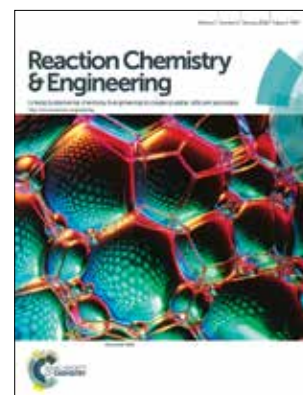
# Free-to-access journals

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# Databases

## MarinLit

<http://pubs.rsc.org/marinlit>



**Frequency** Continuous

**Online ISSN** 2055-3455

**Online Price** On application



### About

MarinLit is the only natural product database dedicated to the complete literature on marine natural products (MNP). Designed by MNP chemists, the database contains unique features, sensitive to the specialised needs of MNP scientists.

The Royal Society of Chemistry's new online version of MarinLit allows fast and easy access to the full database.

- 26,000 compounds and 27,000 articles searchable through one interface
- Search structure and substructure, by molecular formula or by exact mass
- Quickly filter and refine your search results
- Unique dereplication tools based on spectroscopic data
- Search by location to find where marine natural products have been collected
- Search in any combination across taxonomy, structure, keywords, location and more
- Continuous curated updates to MarinLit as compounds and articles are published
- Direct links to the full-text article
- Subscription includes site-wide access and unlimited users

### Readership

Academic and industry researchers of marine natural products.

## The Merck Index\* *Online*

<https://www.rsc.org/merck-index>



**Frequency** Continuous

**Online ISSN** 2052-6628

**Online Price** On application



### About

For over 120 years The Merck Index has been regarded as an authoritative and reliable source of information on chemicals, drugs and biologicals. Now this trusted resource is available online - perfect for institution-wide access. The Merck Index *Online* offers highly authoritative information in a convenient, easily searchable full text database. Including substance monographs, over 500 organic named reactions and reference tables, it is exclusively available from the Royal Society of Chemistry.

- Unlimited user concurrency\*\*
- Perpetual access and subscription models
- Over 11,500 monographs and 19,000 compounds
- Continuous content additions and updates
- COUNTER compliance and Shibboleth access
- Flexible searching, ranging from simple text terms to complex multi-parameter searches and chemical structure searching
- Download images and mol files
- Personal 'My Records' section for saved searches and monographs
- Alphabetical browsing, with the option to pick a monograph at random

### Readership

Chemists, biochemists, pharmacists, pharmacologists, toxicologists, medical researchers, students, teachers, academic librarians, academic researchers, information professionals, solicitors, journalists and government agencies.

\*The name THE MERCK INDEX is owned by Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc., Whitehouse Station, N.J., U.S.A., and is licensed to The Royal Society of Chemistry for use in the U.S.A. and Canada.

\*\*For academic institutions, hospitals and pharmacies.

# Magazines

## Chemistry World

www.rsc.org/chemistryworld

AVAILABLE  
IN PRINT  
& ONLINE

MOBILE  
APP  
AVAILABLE



Frequency 12

Print & Online ISSN 1473-7604

Online ISSN 1749-5318

Print & Online Price £914/\$1,640

Online Price £868/\$1,558

Collections RSC Gold,  
General Chemistry

**Editorial Board Chair:** B Feringa, University of Groningen, The Netherlands

### About

*Chemistry World* magazine provides comprehensive coverage of what is going on in the chemical sciences around the globe. It reports daily on cutting-edge research, business news and government policy affecting the chemical sciences community. With news analysis, features and opinion columns, it's the best way to keep up to date with the chemical world.

*Chemistry World* also provides:

- Careers advice and guidance, plus access to the latest job advertisements
- Specialist book, software and product reviews
- Access to three podcast series including interviews, a tour of the periodic table and stories behind everyday compounds
- Access to the latest discussions on the *Chemistry World* blog
- Breaking news and up-to-the-minute coverage at [www.chemistryworld.org](http://www.chemistryworld.org)
- Access to a library of webinars designed to discuss and share topical information

### Readership

Anyone with an interest in the chemical sciences.



## Education in Chemistry

www.rsc.org/eic

AVAILABLE  
IN PRINT  
& ONLINE

MOBILE  
APP  
AVAILABLE



Frequency 6

Print & Online ISSN 0013-1350

Online ISSN 1749-5326

Print & Online Price £321/\$578

Online Price £305/\$549

Collections RSC Gold

**Editorial Board Chair:** D Read, University of Southampton, UK

### About

*Education in Chemistry* provides support for all teachers of chemistry. It aims to strengthen the community by providing high quality content, tools and resources which promote the sharing of best practice and innovative teaching, including:

- News – provides up-to-date information on how government policy affects chemical education, as well as details of activities and resources in the UK and worldwide
- Exhibition Chemistry – spectacular class demonstrations linked to specific teaching goals supported by video. Experiments are designed to capture the imagination, are easy to prepare, safe to dispose of, and they work
- The Elements – a review of the elements of the periodic table contributed by John Emsley
- Research – reports from current chemical and chemical education research
- Feature articles – cover a wide range of topics from cutting-edge chemistry to historical investigations. They also include practical accounts of innovative teaching practice
- Reviews – specialist reviews on books and software
- Blog – access discussions on the latest innovative chemistry education topics

### Readership

Teachers of chemistry at all levels, from schools to universities worldwide.

### Also of Interest

*The Mole* – a 12 page magazine aimed at 14-18 year olds and anyone inspired to dig deeper into chemistry. It features cutting-edge science articles and university and careers information.

# Major reference works

systematic • critical • in-depth • authoritative

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## Specialist Periodical Reports: reviews of recent literature

Researchers at all stages in their careers have been benefitting from this valuable resource for more than four decades. **Specialist Periodical Reports** are essential for keeping on top of literature and current opinion in particular research fields. Our contributing authors analyse, evaluate and distil the latest progress in their specialist field, from major new applications to region-specific reports.

Purchasing the print edition will also give you access to the eBook format of the reference work.

Find out more at [www.rsc.org/spr](http://www.rsc.org/spr)

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## Amino Acids, Peptides and Proteins

### Volume 41

*Amino Acids, Peptides and Proteins* comprises a comprehensive and critical review of significant developments at this biology/chemistry interface. Compiled by leading researchers in their subject, this volume incorporates current trends and emerging areas. Appealing broadly to researchers in academia and industry, it would be of great benefit to any researcher wanting a succinct reference for the field.

**Hardback | 250 pages | 9781782625377 | 2016 | £314.95 | \$505.00**

### Scientific Editors

Maxim Ryadnov, National Physical Laboratory, UK | Ferenc Hudecz, Eötvös Lorá University, Hungary

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## Carbohydrate Chemistry

### Volume 42

The synthesis of novel carbohydrates and carbohydrate mimetics continues to be a major challenge for organic chemists, not least because of the increasingly interdisciplinary nature of carbohydrate science. Covering both chemical and biological science related to the particular volume topic, this series demonstrates the interdisciplinary nature of modern carbohydrate research, and will be of great benefit to any researcher who wishes to learn about the latest developments in the carbohydrate field.

**Hardback | 300 pages | 9781782625384 | 2016 | £314.95 | \$505.00**

### Scientific Editors

Amelia Pilar Rauter, University of Lisbon, Portugal | Thisbe Lindhorst, Kiel University, Germany | Yves Queneau, INSA Lyon, France

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## Catalysis

### Volume 28

Industrial and academic scientists face increasing challenges to find cost-effective and environmentally sound catalysts for a variety of applications. This volume provides a balanced and in-depth review of the modern approaches to some of these challenges covering major areas such as research and development of hydrocracking catalysts, using nanoclusters and preparation of foams.

**Hardback | 320 pages | 9781782624271 | 2016 | £314.95 | \$505.00**

### Scientific Editors

James J Spivey, Louisiana State University, USA | Yi-Fan Han, East China University of Science and Technology, China | K Dooley, Louisiana State University, USA

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## Chemical Modelling

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**Volume 13**

*Chemical Modelling* covers a wide range of disciplines and this book is the first stop for any materials scientist, biochemist, chemist or molecular physicist wishing to acquaint themselves with major developments in the applications and theory of chemical modelling.

**Hardback | 300 pages | 9781782625414 | 2016 | £314.95 | \$505.00**

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**Scientific Editors**

Michael Springborg, University of Saarland, Germany | Jan-Ole Joswig, Dresden University of Technology, Germany

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## Electrochemistry

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**Volume 13**

Re-launching in 2015 with a new editorial team, Volume 13 returns to its roots and provides a wide range of topics written by leading experts researching at the forefront and heart of electrochemistry. The book covers topics such as control and structural analysis, and combines different approaches on utilizing light as a source for materials science. This volume is a key reference in the field of electrochemistry, allowing readers to become easily acquainted with the latest research trends.

**Hardback | 300 pages | 9781849739801 | 2016 | £314.95 | \$505.00**

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**Scientific Editors**

Craig Banks, Manchester Metropolitan University, UK | Roger Mortimer, Loughborough University, UK | Steven McIntosh, Lehigh University, USA

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## Nanoscience

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**Volume 4**

The field of nanoscience continues to grow at an impressive rate and, with such a vast landscape of material, careful distillation of the most important discoveries will help researchers find the key information they require. *Nanoscience* provides a critical and comprehensive assessment of the most recent research and opinion from across the globe. Anyone practising in a nano-allied field, or wishing to enter the nano-world will benefit from this comprehensive resource, presenting the current thought and applications of nanoscience.

**Hardback | 250 pages | 9781782621591 | 2016 | £314.95 | \$505.00**

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**Scientific Editors**

Paul O'Brien, University of Manchester, UK | P John Thomas, Bangor University, UK

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## Nuclear Magnetic Resonance

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**Volume 45**

Application of nuclear magnetic resonance span a wide range of scientific disciplines and for the first time this volume will concentrate on a theme – NMR applications in industry. Providing a comprehensive yet critical review of the current literature from various industries including materials, food science, paints and coatings, nuclear chemistry and drug discovery, this volume will be an invaluable source of current methods and applications. Essential reading for those wanting to become rapidly acquainted with NMR and for the seasoned practitioner keeping up to date with the literature.

**Hardback | 450 pages | 9781782620532 | 2016 | £314.95 | \$505.00**

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**Scientific Editors**

Vasudevan Ramesh, University of Manchester, UK

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## Organometallic Chemistry

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**Volume 40**

In this celebratory volume, the editors have approached leading researchers to review the field of organometallic chemistry through the years. This interdisciplinary field has the potential to provide answers to problems and challenges faced in catalysis, synthetic organic chemistry and the development of new materials. Providing a timely addition to the literature, this volume will reflect current interests, look at how these have developed over the years and will also explore future applications.

**Hardback | 300 pages | 9781849739849 | 2015 | £314.95 | \$505.00**

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**Scientific Editors**

Ian Fairlamb, University of York, UK | Jason Lynam, University of York, UK



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## Organophosphorus Chemistry

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### Volume 45

Coverage in this annual review of the literature presents a comprehensive and critical survey of the vast field of study involving organophosphorus compounds, from phosphines and phosphonium salts through to phosphorus acids, nucleotides, ylides and phosphazenes. Physical methods in organophosphorous chemistry are also considered. The Editors have added to the usual content with a timely chapter on the recent developments in green synthetic approaches in organophosphorus chemistry to reflect the current interests in the area.

Hardback | 325 pages | 9781782624332 | 2016 | £314.95 | \$505.00

### Scientific Editors

David W Allen, Sheffield Hallam University, UK | David Loakes, University of Cambridge, UK | John C Tebby, Staffordshire University, UK

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## Photochemistry

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### Volume 44

Reviewing photo-induced processes that have relevance to a wide range of academic and commercial disciplines and interests, this volume reflects the current interests in chemistry, physics, biology and technology. Essential reading for postgraduates, academics and industrialists working in the field of photochemistry, enabling them to keep on top of the literature.

Hardback | 300 pages | 9781782625438 | 2016 | £314.95 | \$505.00

### Scientific Editors

Angelo Albini, University of Pavia, Italy | Elisa Fasani, University of Pavia, Italy

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## Synthetic Biology

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### Volume 2

Synthetic biology is a new area of biological research that will enable the design of biological systems in a rational and systematic way. This volume captures the expanding primary literature in the form of critical and comprehensive reviews, providing the reader with an authoritative digest of the latest developments in this emerging field. Leading researchers draw on the recent literature, from both dedicated journals and broader sources, making this an essential reference to any library supporting this research.

Hardback | 300 pages | 9781782621201 | 2016 | £314.95 | \$505.00

### Scientific Editors

Maxim Ryadnov, National Physical Laboratory, UK | Luc Brunsveld, Eindhoven University of Technology, The Netherlands | Hiroaki Suga, University of Tokyo, Japan





# Book series

## Issues in Environmental Science and Technology

[www.rsc.org/issues](http://www.rsc.org/issues)

**Frequency** 2

**Volume** 42 & 43

**Print & Online ISSN** 1350-7583

**Online ISSN** 1465-1874

**Print & Online Price** £145/\$271

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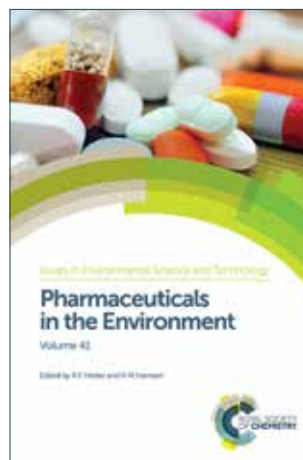
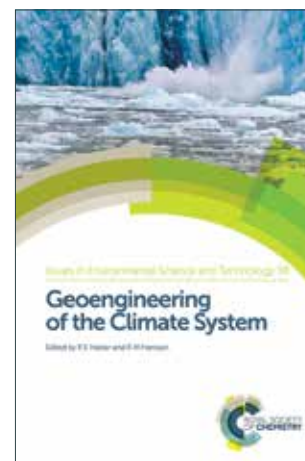
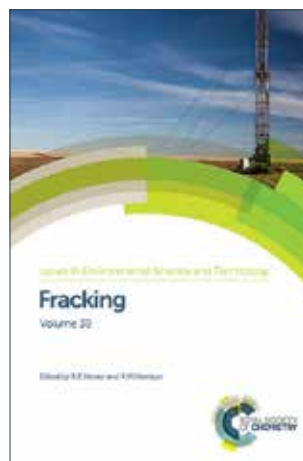
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