

RSC Publishing Catalogue 2013

Royal Society of Chemistry



Card index at the library of the University of Illinois, Urbana Champaign, USA

RSC Publishing

www.rsc.org/publishing

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Subject Key

Analytical	●
Biological	●
Catalysis	●
Chemical Biology and Medicinal	●
Energy	●
Environmental	●
Food	●
General Chemistry	●
Inorganic	●
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Nanoscience	○
Organic	○
Physical	○

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The Royal Society of Chemistry (RSC) originated in 1841 and is one of the largest organisations for advancing the chemical sciences. We are a **not-for-profit society** and supported by our global network of members and publishing, offering education, conferences, science policy and the promotion of chemistry to the public.

Our RSC Publishing division provides a broad range of resources for the scientific community including **Books/eBooks, Databases, Journals and Magazines.**

Leading the way in quality content...

In keeping with our commitment to producing quality products, we are delighted to announce two new journals for the 2013 catalogue: **Biomaterials Science** (p.5) and **Toxicology Research** (p.21). And, in terms of existing products, we are extremely proud to celebrate the success of **Chemical Science** (p.6), winner of the ALPSP Award for Best New Journal 2011.

With a **journal portfolio that has an above average impact factor (IF)***, we are publishing even more quality content:

- **Our average IF is 5.46**
(average for a chemistry journal is 2.67)
- **Of the top 20 journals** in the multidisciplinary chemistry category, **six are from RSC Publishing.** This is more than any other society publisher.
- **11 of our 27 journals have an IF of 5 and above**

These figures speak for themselves – **for guaranteed impact choose RSC Publishing.**

We're listening to you...

RSC Library Advisory Board

In recent years, RSC Publishing has made great developments resulting from feedback from the scientific and library community. We have created a Library Advisory Board to have more direct contact and feedback with our library and information specialist community, as well as regional event focus groups. We welcome librarian feedback.

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GO TO www.rsc.org/rscmobile

FREE Award Winning Chemical Database

ChemSpider is our fantastic FREE chemical structure database with access to 26+ million structures from 100s of data sources.

SEE page 34

GO TO www.chemspider.com

FREE Access Journals

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As a not-for-profit publisher, wholly owned by the Royal Society of Chemistry, we are committed to advancing the chemical sciences. Any surplus made is reinvested into supporting the global scientific community.

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SEE page 36 for more details

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Technical Support

We can help with any access and technical issues.

EMAIL technical.support@rsc.org

Catalogue Cover

The RSC Publishing Catalogue 2013 cover depicts the card index at the library of The University of Illinois, Urbana Champaign, USA. This library has the third largest public academic collection in the world, containing more than 22 million items. Original photograph by Merlin Fox, taken during the RSC US Roadshow in 2012.

*The Impact Factor provides an indication of the average number of citations per paper. Produced annually. Impact Factors are calculated by dividing the number of citations in a year, by the number of citeable articles published in the preceding two years. The immediacy index is a measure of how topical and urgent the papers published by a journal are. It is calculated by dividing the number of citations to articles published in a given year by the number of articles published in that year. Data based on 2011 Journal Citation Reports® (Thomson Reuters, June 2012).

Information in this catalogue was correct at time of publication. Information is subject to change without notice.

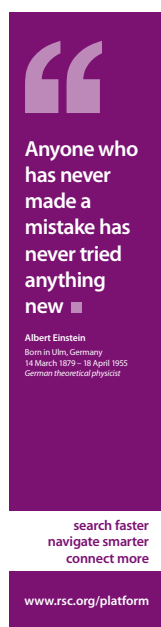
RSC Library Tool Kit

RSC Publishing has designed this Library Tool Kit to facilitate the needs of our customers in promoting subscriptions and purchases of RSC Publishing resources to your users electronically and through print distribution.

The RSC Library Advisory Board has been involved in the development of this project to ensure you have the tools that you need in a variety of formats.

The RSC Library Tool Kit includes:

- banners
- bookmarks
- mousemats
- postcards
- QR codes
- slides
- userguides
- widgets



“
Anyone who
has never
made a
mistake has
never tried
anything
new ■

Albert Einstein
Born in Ulm, Germany
14 March 1879 – 18 April 1955
German theoretical physicist

search faster
navigate smarter
connect more

www.rsc.org/platform



“
Be less curious about
people and more curious
about ideas ■

Marie Curie (Maria Skłodowska)
Born in Warsaw, Poland, 7 November 1867 – 4 July 1934
French physicist and chemist – pioneer in the field of radioactivity and winner of the
Nobel Prize in Physics 1903 (with husband Pierre Curie and Antoine Henri Becquerel)
and the Nobel Prize in Chemistry 1911

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“
When you are face to
face with a difficulty,
you are up against
a discovery ■

Lord Kelvin (William Thomson)
Born in Belfast, Northern Ireland, 26 June 1824 – 17 December 1907
Scottish mathematical physicist and engineer – significant contributions to science including the
second law of thermodynamics and set up the absolute temperature scale (measured in kelvins)

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“
Facts are the air of
scientists. Without them
you can never fly ■

Linus Carl Pauling
Born in Oregon, USA, 28 February 1901 – 19 August 1994
American chemist, peace activist, author and educator – one of the most important chemists
in history and winner of the Nobel Prize in Chemistry 1954 and the Nobel Peace Prize 1962

Your library subscribes to RSC Publishing resources for your
scientific research needs

How do I access?
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For more information and to download online support tools
GO TO www.rsc.org/librarytoolkit

Tool Kit in action...

The Library Tool Kit has proved a great way to support the work of librarians in promoting RSC Publishing resources. And some libraries have gone that bit further, including the University of Notre Dame, USA. We thought we'd share how they have made use of a little addition of their own, a ChemSpider mobile which hangs from the library's ceiling. We like what they have done so much, it will now form part of all future tool kits.



*Photos courtesy of Diane Gram, the University of Notre Dame, USA

Journals

Analyst

www.rsc.org/analyst ● ● ○



PRINT & ONLINE

JOURNAL

Frequency	24
Volume	138
Impact Factor	4.23
Print & Online ISSN	0003-2654
Online ISSN	1364-5528
Print & Online Price	£2,037/\$3,804
Online Price	£1,936/\$3,613
Collections	RSC Gold, Analytical Science

Editorial Board Chair: P Bohn, University of Notre Dame, USA

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

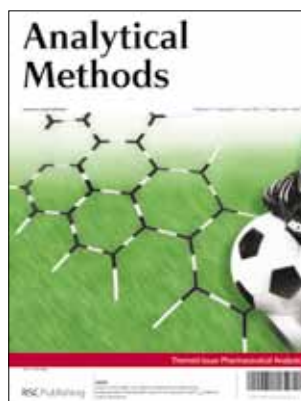
Analyst is one of the leading journals publishing primary research across all areas of analytical science*. It covers research from areas including analytical chemistry, bioanalytical science, biomedical science, biotechnology, detection science, pharmacy, physics, materials science and engineering.

*Based on the 2011 Journal Citation Reports® (Thomson Reuters 2012).

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

Analytical Methods

www.rsc.org/methods ● ●



PRINT & ONLINE

JOURNAL

Frequency	24
Volume	5
Impact Factor	1.547
Print & Online ISSN	1759-9660
Online ISSN	1759-9679
Print & Online Price	£2,331/\$4,351
Online Price	£2,215/\$4,133
Collections	RSC Gold, Analytical Science

Editor-in-Chief: B Paull, University of Tasmania, Australia

Launched in 2009, *Analytical Methods* publishes research detailing early applied demonstrations of new analytical methods which address key issues of societal concern. *Analytical Methods* publishes Full Research Articles, Urgent Communications, Technical Notes and Critical and Mini Reviews.

Methods reported are applicable to a wide range of fields including:

- Agricultural science and food analysis
- Analytical standards and calibration techniques
- Data handling
- Environmental analysis
- Forensic analysis
- Healthcare, pharmaceuticals and biomedical diagnostics
- Heritage science
- Industrial process development and product validation
- Sample preparation and sample handling

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 ● ●



FREE ACCESS UNTIL END 2014
www.rsc.org/libraryfreeaccess

PRINT & ONLINE

JOURNAL

Frequency	12
Volume	1
Print & Online ISSN	2047-4830
Online ISSN	2047-4849
Print & Online Price	£1,575/\$2,675
Online Price	£1,496/\$2,541

Co-Editor-in-Chief: P B Messersmith, Northwestern University, USA

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

Biomaterials Science is an international, high impact journal bringing together the molecular and mesoscopic interactions of biomaterials and their potential applications. The broad scope of the journal ranges from the fundamental science of biomaterials to their potential biomedical applications. This includes:

- Mesoscopic science of cells and materials
- Molecular design of biomaterials
- Tissue engineering and regenerative medicine
- Delivery systems
- Nanomaterials for biomedical application
- Biomimetic materials
- Biomineralization
- Biomaterials for cell therapy

The journal is a collaborative venture between RSC Publishing and the Institute for Integrated Cell-Material Sciences, Kyoto University, Japan.

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 ● ● ● ●



NOW AVAILABLE FOR
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PRINT & ONLINE

JOURNAL

Frequency	12
Volume	3
Print & Online ISSN	2044-4753
Online ISSN	2044-4761
Print & Online Price	£1,550/\$2,713
Online Price	£1,473/\$2,577
Collection	RSC Gold

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

Catalysis Science & Technology is a new multidisciplinary journal focussing on both the fundamental science of catalysis and the science of catalysis technology, including applications addressing societal demands such as CO₂ reduction, conversion of renewables and fuels. The journal brings together the best quality research from the heterogeneous, homogeneous, organocatalysis and bio-catalysis communities.

Publication times are rapid, with article types including Perspectives, Mini Reviews, Full 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 ●



PRINT & ONLINE

JOURNAL

Frequency	100
Volume	49**
Impact Factor	6.169
Print & Online ISSN	1359-7345
Online ISSN	1364-548X
Print & Online Price	£3,189/\$5,952
Online Price	£3,030/\$5,654
Collections	RSC Gold, A+, A, Core Chemistry, General Chemistry

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

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
- Three page Communications, providing scientific impact to the results and discussion
- Easy-to-read layout and design

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 for 1965-2009 have no volume numbering but constitute Volumes 1-45.

Readership: Academic and industrial chemists in all areas of the chemical sciences.

Chemical Science

www.rsc.org/chemicalscience ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	4
Impact Factor	7.525
Print & Online ISSN	2041-6520
Online ISSN	2041-6539
Print & Online Price	£2,400/\$3,840
Online Price	£2,280/\$3,648
Collections	RSC Gold, A+, A, Core Chemistry, General Chemistry

Editor-in-Chief: D MacMillan, Princeton University, USA

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 David MacMillan of Princeton, USA, leads a dynamic international team of Associate Editors, all active researchers, who drive the scientific development and make decisions on the content, ensuring the end-user is kept fully up-to-date on key areas.

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. It is also balanced, publishing Perspectives and Mini Reviews, in addition to primary research.

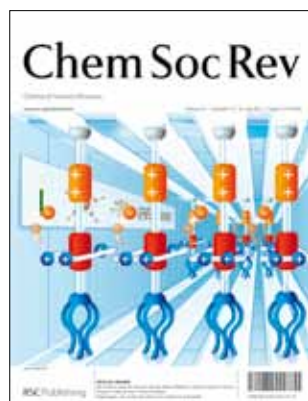
In 2011, *Chemical Science* was named Best New Journal 2011 by the Association of Learned and Professional Society Publishers.

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



Chemical Society Reviews

www.rsc.org/chemsocrev •



PRINT & ONLINE

JOURNAL

Frequency	24
Volume	42
Impact Factor	28.76
Print & Online ISSN	0306-0012
Online ISSN	1460-4744
Print & Online Price	£1,200/\$1,980
Online Price	£1,140/\$1,881
Collections	RSC Gold, A+, A, General Chemistry

Editorial Board Chair: D Guldi, University of Erlangen-Nuremberg, Germany

Chemical Society Reviews (Chem Soc Rev) publishes accessible, succinct and reader-friendly articles on topics of current interest in the chemical sciences.

Chem Soc Rev publishes Tutorial and Critical Reviews. The promotion of international and multidisciplinary awareness and co-operation is particularly encouraged.

Tutorial Reviews are written to be 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.

Critical Reviews provide a deeper understanding of the topic in hand, yet retain their accessibility through an introduction written for the general reader. They give a critical discussion of the existing state of knowledge of the subject matter, and give a balanced assessment of the current primary literature.

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.

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

Chemistry Education Research and Practice

www.rsc.org/cerp •



ONLINE ONLY

JOURNAL

OPEN ACCESS

Frequency	4
Volume	14
Impact Factor	0.855
Online ISSN	1756-1108
Price	FREE

Editorial Board Chair: O Finlayson, University of Dublin City, Ireland

Chemistry Education Research and Practice (CERP), an open access electronic journal, aims to serve 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 evaluations of effective innovative practice in the teaching of 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

Contributions are fully refereed and include Reviews, Full Papers and Perspectives.

Readership: Chemical education researchers, teachers of chemistry in universities and schools.

CrystEngComm

www.rsc.org/crystengcomm ● ● ● ● ●



ONLINE ONLY

JOURNAL

Frequency	48
Volume	15
Impact Factor	3.842
Online ISSN	1466-8033
Online Price	£1,140/\$1,881
Collections	RSC Gold, A+, A

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

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. The journal offers fast publication times, free colour and multimedia enhanced HTML articles.

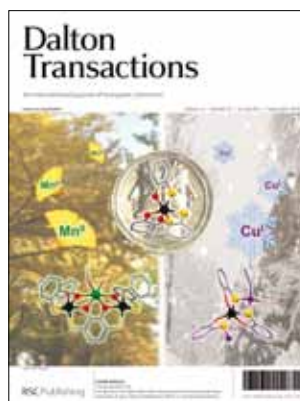
CrystEngComm publishes a range of article types, including:

- 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
- Full Papers - for reporting selected and original significant contributions to new chemical knowledge
- Themed Issues - 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 ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	48
Volume	42**
Impact Factor	3.838
Print & Online ISSN	1477-9226
Online ISSN	1477-9234
Print & Online Price	£3,579/\$6,681
Online Price	£3,400/\$6,347
Collections	RSC Gold, A+, A, Core Chemistry

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

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 and heterogeneous catalysis; new or improved experimental techniques and syntheses.

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

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

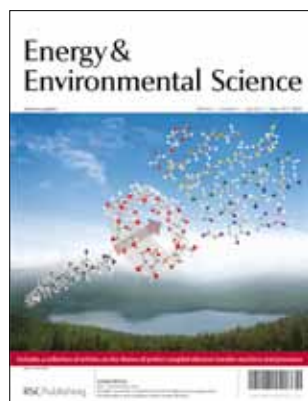
- *Dalton Perspectives* - invited personal accounts or critical analyses of activities in specialist areas
- *Dalton Frontiers* - shorter commissioned articles reporting recent developments, typically at the interface between inorganic chemistry and other disciplines
- Themed Issues on topics of current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



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	6
Impact Factor	9.61
Print & Online ISSN	1754-5692
Online ISSN	1754-5706
Print & Online Price	£1,227/\$2,337
Online Price	£1,166/\$2,220
Collections	RSC Gold, A+, A

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

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 (e.g. 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.

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

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: Processes & Impacts

www.rsc.org/jem ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	15
Impact Factor	1.991
Print & Online ISSN	2050-7887
Online ISSN	2050-7895
Print & Online Price	£1,720/\$3,211
Online Price	£1,634/\$3,050
Collections	RSC Gold, Analytical Science

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

To better reflect its content the *Journal of Environmental Monitoring* has changed its name to *Environmental Science: Processes & Impacts (ESPI)*.

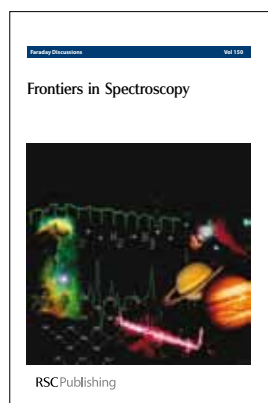
ESPI is a unique environmental journal that provides comprehensive coverage of environmental research across a variety of disciplines (chemical, physical and biological). Research published in the journal covers sampling, analysis, detection and measurement for the elucidation of all environmental processes and impacts resulting from both natural and anthropogenic contaminants. The journal places special emphasis on the effects of exposure to contaminants and assessment of the associated risks on both environmental and human health.

ESPI is a must-have resource, publishing multidisciplinary research in a full range of article types, including Communications. It also publishes high-quality, focused and topical news and legislation from around the world.

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.

Faraday Discussions

www.rsc.org/faraday ○



PRINT & ONLINE

JOURNAL

Frequency	8
Volumes	160-167
Impact Factor	5
Print & Online ISSN	1359-6640
Online ISSN	1364-5498
Print & Online Price	£765/\$1,428
Online Price	£727/\$1,356
Collections	RSC Gold, A+, A

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

Faraday Discussions documents a long-established series of Faraday Discussion meetings which provide a unique international forum for the exchange of views and newly acquired results in developing areas of the physical, chemical and biophysical sciences. *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 and well respected accounts by world-class experts. The eight volumes included in the 2013 subscription are:

- 160 Ion Specific Hofmeister Effects
- 161 Lipids and Membrane Biophysics
- 162 Fabrication, Structure and Reactivity of Anchored Nanoparticles
- 163 Photo-initiated Quantum Molecular Dynamics
- 164 Electroanalysis at the Nanoscale
- 165 Tropospheric Aerosol - Formation, Transformation, Fate and Impacts
- 166 Self-Assembly of Biopolymers
- 167 Mesostructure and Dynamics in Liquids and Solutions

Individual volumes can also be purchased separately. For more information go to www.rsc.org/faraday

Readership: Academic and industry researchers in physical science, spanning the interfaces between physics, chemistry and biology.

Food & Function

www.rsc.org/foodfunction ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	4
Impact Factor	1.179
Print & Online ISSN	2042-6496
Online ISSN	2042-650X
Print & Online Price	£1,260/\$2,344
Online Price	£1,197/\$2,227
Collection	RSC Gold

Editor-in-Chief: G Williamson, University of Leeds, UK

Launched in 2010, *Food & Function* provides a unique venue to publish work at the interface of the chemistry, physics and biology of food.

Topics include:

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

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 ● ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	15
Impact Factor	6.32
Print & Online ISSN	1463-9262
Online ISSN	1463-9270
Print & Online Price	£1,370/\$2,558
Online Price	£1,301/\$2,430
Collections	RSC Gold, A+, A

Editorial Board Chair: W Leitner, RWTH Aachen, Germany

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. This reduced impact is being achieved through improved production methods, formulation and delivery systems or the use of sustainable resources. In addition to chemistry based solutions, articles describing biotechnology alternatives and improved process engineering are included. Methodologies and tools for evaluating the environmental impact of the above, such as life cycle analysis, environmental risk analysis and legislation surrounding green chemistry are also covered.

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 ● ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	5
Impact Factor	4.509
Print & Online ISSN	1757-9694
Online ISSN	1757-9708
Print & Online Price	£1,180/\$2,248
Online Price	£1,121/\$2,136
Collection	RSC Gold

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

Integrative Biology provides a unique venue for research that allows a greater understanding of biological processes and mechanisms using quantitative approaches and enabling technologies. The journal focuses on quantitative multi-scale biology to exploit the convergence of biology with physics, chemistry, engineering, imaging and informatics. This journal is indexed in MEDLINE and ISI amongst others.

Article types include:

- Papers
- Reviews (Tutorial and Critical)
- Perspectives
- Technical Innovations (methods)

Integrative Biology content provides new knowledge, or elucidates novel mechanisms, on biological processes from the molecular to the organism scale obtained through the innovative application of technology.

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 ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	28
Impact Factor	3.22
Print & Online ISSN	0267-9477
Online ISSN	1364-5544
Print & Online Price	£1,921/\$3,587
Online Price	£1,825/\$3,407
Collections	RSC Gold, Analytical Science

Editorial Board Chair: F Vanhaecke, Ghent University, Belgium

Journal of Analytical Atomic Spectrometry (JAAS) is the number-one journal for primary research in its field, and is the central journal for fundamentals in elemental analysis and isotope ratio determinations within all fields of application. The journal is cross disciplinary, with comprehensive subject coverage and international authorship.

JAAS contains peer-reviewed Full Research Papers, Urgent Communications, Technical Notes and invited Critical and Tutorial Review Articles.

Six popular Atomic Spectrometry Updates are published each year that critically review the most significant research in the field of analytical atomic spectroscopy assessed from recently published literature.

Readership: Analytical atomic spectrometrists; mass spectrometrists; geochemists; environmental and organometallic chemists in universities and related academic institutes, government and research organisations, industry, independent laboratories and consulting firms.

Journal of Materials Chemistry A, B & C

www.rsc.org/materialsA ● ● ● ○

www.rsc.org/materialsB ● ● ○

www.rsc.org/materialsC ● ○



PRINT & ONLINE

JOURNAL

Frequency	48
Volume	1
Print & Online ISSN & Price	
Journal A	2050-7488/£1,600/\$2,720
Journal B	2050-750X/£1,600/\$2,720
Journal C	2050-7526/£1,600/\$2,720
Online ISSN & Price	
Journal A	2050-7496/£1,520/\$2,584
Journal B	2050-7518/£1,520/\$2,584
Journal C	2050-7534/£1,520/\$2,584
Collections	RSC Gold, A+,A, CoreChemistry, Journal of Materials

The *Journal of Materials Chemistry* brand continues in the form of three journals, each focusing on an area of materials chemistry, divided by the nature of the intended applications of the materials studied. The journals will all publish high impact research with an interdisciplinary nature.

Journal of Materials Chemistry A will focus on materials for **energy** and **sustainability**. The journal will publish research on all aspects of these areas, including materials for energy storage and conversion, materials for conservation of scarce natural resources and materials for sustainability and green processes.

Journal of Materials Chemistry B will cover materials for **biology** and **medicine**. This includes materials for healthcare and materials at the biointerface.

Journal of Materials Chemistry C will focus on materials for **optical** and **electronic devices**. High impact research into display technologies, optical materials, advanced electronics and materials for information storage will all be covered in this journal.

The three journals will each have individual Editorial and Advisory Boards, and the family of journals will be overseen by an Executive Editorial Board.

Readership: Scientists, both academic and from industry, working in materials research, including chemistry and physics

Lab on a Chip

www.rsc.org/loc ● ● ● ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	24
Volume	13
Impact Factor	5.67
Print & Online ISSN	1473-0197
Online ISSN	1473-0189
Print & Online Price	£1,583/\$2,955
Online Price	£1,504/\$2,807
Collections	RSC Gold, A+, A

Editorial Board Chair: G Whitesides, Harvard University, USA

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 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.

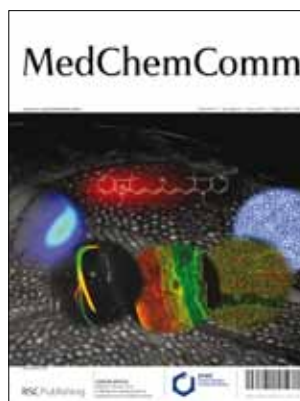
Lab on a Chip includes Communications, Full Research Papers, Tutorial and Critical Reviews, Mini Reviews and Technical Innovations.

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.

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

MedChemComm

www.rsc.org/medchemcomm ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	4
Impact Factor	2.8
Print & Online ISSN	2040-2503
Online ISSN	2040-2511
Print & Online Price	£1,300/\$2,080
Online Price	£1,235/\$1,976
Collection	RSC Gold

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

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

MedChemComm is the official journal of the European Federation for Medicinal Chemistry (EFMC). This journal publishes medicinal chemistry research, including new studies related to biologically-active chemical or biochemical entities that can act as pharmacological agents with therapeutic potential or relevance.

Examples of areas that are included:

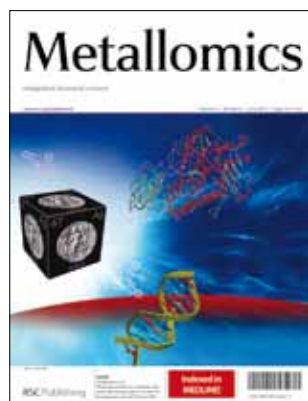
- Design, synthesis and biological evaluation of novel chemical or biochemical entities leading to new pharmacological agents, probes and/or potential drugs
- Computational, biophysical, physicochemical, molecular biological, proteomic studies of chemical/biochemical entities and their interaction within their biological environment
- Pharmacokinetic behaviour, pharmacodynamics, and drug safety and toxicology
- Chemical biology studies that enable drug discovery
- Chemical modifications of known chemical/biochemical entities that improve pharmacological properties

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 together with topics at the interface with biology and physics.



Metallomics

www.rsc.org/metallomics ● ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	5
Impact Factor	3.902
Print & Online ISSN	1756-5901
Online ISSN	1756-591X
Print & Online Price	£1,180/\$2,248
Online Price	£1,121/\$2,136
Collection	RSC Gold

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

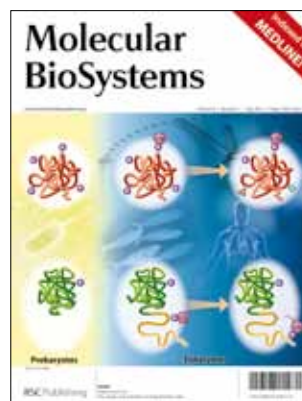
Metallomics publishes original research and topical reviews, which provide insight into the role of trace elements in the life sciences.

The journal's scope includes: chemical speciation, dynamics and kinetics of trace elements in biological systems; elemental distributions and concentrations linked to the genome; regulation of the uptake, accumulation and metabolism of trace elements in biological systems; physiological and pathological mechanisms related to trace elements in human health and disease; structural analysis and coregulation of elements within the metallome; genetic and molecular genetic basis for regulation of metallomes and epigenetic factors relative to the organism; the interaction of metallodrugs with biological organisms, including in clinical use; metal exchange between biota and the environment.

Readership: Cross-disciplinary, including researchers in academia and industry working in analytical science, biochemistry, biogeochemistry, bioinformatics, biological catalysis, biological environmental science, cell biology, clinical chemistry, environmental health, medicine, metallochemistry, microbiology, nutritional chemistry, pharmacology, physiology and toxicology.

Molecular BioSystems

www.rsc.org/molecularbiosystems ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	9
Impact Factor	3.534
Print & Online ISSN	1742-206X
Online ISSN	1742-2051
Print & Online Price	£1,257/\$2,348
Online Price	£1,195/\$2,230
Collections	RSC Gold, A+, A

Editorial Board Chair: C Boone, University of Toronto, Canada

Molecular BioSystems publishes high-quality research with a particular focus on the interface between chemical biology, the -omic sciences and systems biology. Article types include Communications, Papers, Methods, Reviews and Opinions.

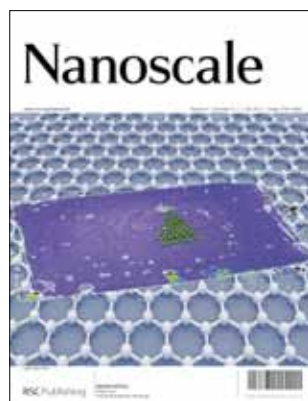
Main research areas include:

- Chemical biology approaches including small molecule probes of biological structure and activity, chemical genetics, directed evolution, protein engineering, display technologies
- -omics approaches including structural and functional proteomics and genomics, chip-based technologies, array technologies, metabolomics and related areas
- Systems biology approaches including simulation and modelling, data manipulation, integration and analysis techniques, high-throughput technologies, synthetic biology

Readership: Researchers from industry or academia drawing on the fundamental disciplines and technologies of 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 ○ ● ○



PRINT & ONLINE

JOURNAL

Frequency	24
Volume	5
Impact Factor	5.914
Print & Online ISSN	2040-3364
Online ISSN	2040-3372
Print & Online Price	£1,207/\$2,183
Online Price	£1,146/\$2,074
Collections	RSC Gold

Editors-in-Chief: C Bai, NCNST, Beijing, China and the Chinese Academy of Sciences; W Lu, University of Michigan, USA; M Niederberger, ETH Zürich, Switzerland; F Stellacci, EPFL, Switzerland and J Liu, Duke University, USA

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, Beijing, China.

The journal publishes a full mix of research articles including Communications, Reviews and Full Papers. Highly interdisciplinary, the scope includes: synthesis of nanostructured and nanoscale materials; characterisation of functional nanoscale materials and bio-assemblies; properties of nanoscale materials; self-assembly and molecular organisation; complex hybrid nanostructures; nanocomposites, nanoparticles, nanocrystalline materials and nanoclusters; nanotubes, molecular nanowires and nanocrystals; molecular nanoscience; nanoelectronics and molecular electronics; nanophotonics; nanochips, nanosensors, nanofluidics and nanofabrication; nanocatalysis; biomimetic materials; nanobiotechnology/bionanomaterials; nanomedicine; regulatory approaches and risk assessment.

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.

Natural Product Reports

www.rsc.org/npr ● ○



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	30
Impact Factor	9.79
Print & Online ISSN	0265-0568
Online ISSN	1460-4752
Print & Online Price	£1,104/\$2,061
Online Price	£1,049/\$1,958
Collections	RSC Gold, A+, A

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

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.

Readership: Academic and industrial scientists working in all aspects of natural product chemistry.

New Journal of Chemistry

www.rsc.org/njc ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	37
Impact Factor	2.605
Print & Online ISSN	1144-0546
Online ISSN	1369-9261
Print & Online Price	£1,045/\$1,949
Online Price	£993/\$1,852
Collections	RSC Gold, A+, A, Core Chemistry, General Chemistry

Editor-in-Chief: M Hosseini, University of Strasbourg, France

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, owned by the CNRS and published by the RSC, publishes Letters, Papers and Focus Articles and Perspectives.

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

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

Organic & Biomolecular Chemistry

www.rsc.org/obc ● ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	48
Volume	11
Impact Factor	3.696
Print & Online ISSN	1477-0520
Online ISSN	1477-0539
Print & Online Price	£4,147/\$7,741
Online Price	£3,940/\$7,354
Collections	RSC Gold, A+, A, Core Chemistry

Editorial Board Chair: J Bode, ETH Zurich, Switzerland

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.

OBC publishes two types of Critical Review, as well as Communication and Full Paper Articles. Perspectives cover important developments in organic chemistry invited from experts in the field, whilst Emerging Areas are short Feature Articles on particularly topical subjects.

Readership: Academic and industrial scientists working in all aspects of synthetic, biomolecular and physical organic chemistry.



Photochemical & Photobiological Sciences

www.rsc.org/pps ● ● ● ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	12
Volume	12
Impact Factor	2.584
Print & Online ISSN	1474-905X
Online ISSN	1474-9092
Print & Online Price	£1,560/\$2,911
Online Price	£1,482/\$2,766
Collections	RSC Gold, A+, A

Editors-in-Chief: F de Schryver, KULeuven, Belgium and R Tyrrell, University of Bath, UK

Photochemical & Photobiological Sciences meets the growing information needs of scientists working in the areas of photochemistry and photobiology, and indeed, 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).

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 ● ● ●



PRINT & ONLINE

JOURNAL

Frequency	48
Volume	15
Impact Factor	3.573
Print & Online ISSN	1463-9076
Online ISSN	1463-9084
Print & Online Price	£3,361/\$6,274
Online Price	£3,193/\$5,960
Collections	RSC Gold, A+, A, Core Chemistry

Editorial Board Chair: D Goldfarb, Weizmann Institute of Science, Israel

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

PCCP publishes Papers, Communications and Perspective feature articles.

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

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

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			ONLINE ONLY [†]
RSC Journals Archive Outright Purchase (1841 – 2007)	PRICES		<ul style="list-style-type: none"> £39,900 \$70,500
RSC Journals Archive Outright Purchase (2005 – 2007)			<ul style="list-style-type: none"> £4,725 \$8,030
RSC Journals Archive Lease (1841 – 2007)			<ul style="list-style-type: none"> £7,193 \$12,750
RSC Journals Archive Hosting Fee			<ul style="list-style-type: none"> £735 \$1,250
CORE CHEMISTRY COLLECTION			
INCLUDES: <ul style="list-style-type: none"> Chemical Communications Chemical Science Dalton Transactions Journal of Materials Chemistry A, B & C New Journal of Chemistry Organic & Biomolecular Chemistry Physical Chemistry Chemical Physics 	PRICES	PRINT & ONLINE <ul style="list-style-type: none"> £15,860 \$29,605 	ONLINE ONLY [†] <ul style="list-style-type: none"> £15,067 \$28,124
GENERAL CHEMISTRY COLLECTION			
INCLUDES: <ul style="list-style-type: none"> Chemical Communications Chemical Science Chemical Society Reviews Chemistry World New Journal of Chemistry 	PRICES	PRINT & ONLINE <ul style="list-style-type: none"> £5,928 \$10,967 	ONLINE ONLY [†] <ul style="list-style-type: none"> £5,632 \$10,419
ANALYTICAL SCIENCE COLLECTION			
INCLUDES: <ul style="list-style-type: none"> Analyst Analytical Abstracts (Online Only) Analytical Methods Journal of Analytical Atomic Spectrometry Environmental Science: Processes & Impacts 	PRICES	PRINT & ONLINE <ul style="list-style-type: none"> £5,233 \$9,775 	ONLINE ONLY [†] <ul style="list-style-type: none"> £4,971 \$9,286
ANNUAL REPORTS COLLECTION			
INCLUDES: <ul style="list-style-type: none"> Annual Reports Sections A, B and C 	PRICES	PRINT & ONLINE <ul style="list-style-type: none"> £896 \$1,672 	ONLINE ONLY [†] <ul style="list-style-type: none"> £851 \$1,589

JOURNAL OF MATERIALS CHEMISTRY COLLECTION

INCLUDES:

- Journal of Materials Chemistry A, B & C

PRICES

PRINT & ONLINE

- £3,574
- \$6,672

ONLINE ONLY†

- £3,395
- \$6,338

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RSC eBook Collection (2013)		<ul style="list-style-type: none"> £7,560 \$12,500
RSC eBook Collection (2012)		<ul style="list-style-type: none"> £6,800 \$11,220
RSC eBook Collection (2011)		<ul style="list-style-type: none"> £6,050 \$9,983
RSC eBook Collection (2010)		<ul style="list-style-type: none"> £5,300 \$8,745
RSC eBook Collection (2009)		<ul style="list-style-type: none"> £4,500 \$7,425
RSC eBook Collection (2008)		<ul style="list-style-type: none"> £3,800 \$6,270
RSC eBook Analytical Chemistry Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £9,500 \$15,675
RSC eBook Biosciences Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £12,500 \$20,625
RSC eBook Environmental Chemistry Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £4,500 \$7,425
RSC eBook Food Science Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £7,100 \$11,700
RSC eBook Industrial and Pharmaceutical Chemistry Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £5,500 \$9,050
RSC eBook Materials and Nanoscience Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £4,600 \$7,600
RSC eBook Organic Chemistry Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £4,900 \$8,100
RSC eBook Physical Chemistry Subject Collection (2000 – 2010)		<ul style="list-style-type: none"> £4,025 \$6,650
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Polymer Chemistry

www.rsc.org/polymers ● ○



PRINT & ONLINE

JOURNAL

Frequency	24
Volume	4
Impact Factor	5.321
Print & Online ISSN	1759-9954
Online ISSN	1759-9962
Print & Online Price	£2,095/\$3,791
Online Price	£1,990/\$3,601
Collection	RSC Gold

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

Polymer Chemistry is a fortnightly 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.

The scope of *Polymer Chemistry* 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

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

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

RSC Advances

www.rsc.org/advances ●



NOW AVAILABLE FOR SUBSCRIPTION

ONLINE ONLY

JOURNAL

Frequency	48
Volume	3
Online ISSN	2046-2069
Online Price	£2,000/\$3,600
Collection	RSC Gold

Editorial Board Chair: M Ward, University of Sheffield, UK

RSC Advances is a new peer-reviewed journal covering all the chemical sciences, including multidisciplinary and emerging areas. Launched in 2011, the journal publishes high quality research that is well conducted.

Key features

- Innovative online discoverability of the content on the RSC Publishing Platform
- Supported by an expert editorial team
- No page or colour charges
- Published online only
- Free access to all content throughout 2011 and 2012

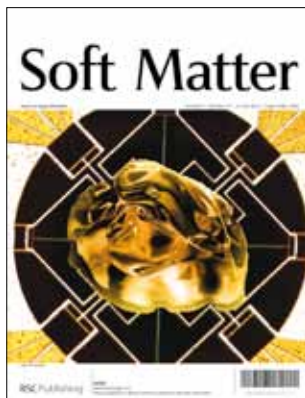
The online discoverability of the content is possible thanks to sophisticated behind-the-scenes topic modelling, which classifies the content of the journal into one or more of 12 main subject areas in the chemical sciences. These main subject areas are: analytical; biological; catalysis; chemical biology and medicinal; energy; environmental; food; inorganic; materials; nanoscience; organic; and physical.

The journal publishes Reviews, Communications and Full Papers.

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 ● ○



PRINT & ONLINE

JOURNAL

Frequency	48
Volume	9
Impact Factor	4.39
Print & Online ISSN	1744-683X
Online ISSN	1744-6848
Print & Online Price	£1,372/\$2,560
Online Price	£1,303/\$2,432
Collections	RSC Gold, A+, A

Editorial Board Chair: M Cohen Stuart, Wageningen University, The Netherlands

Soft Matter provides a unique forum for the communication of fundamental science underpinning the properties and applications 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. 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 ●



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PRINT & ONLINE

JOURNAL

Frequency	12
Volume	2
Print & Online ISSN	2045-452X
Online ISSN	2045-4538
Print & Online Price	£1,365/\$2,320
Online Price	£1,297/\$2,204

Editorial Board Chair: N Gooderham, Imperial College London, UK

Toxicology Research is a multidisciplinary journal covering both the fundamental and applied physiological aspects of toxicology. It has been written in collaboration with the British Toxicology Society and the Chinese Toxicology Society. Topics include:

- Alternatives to animal testing
- Biomarkers of human toxicity
- Carcinogenicity
- Endocrine toxicology
- Environmental toxicology
- Genetic toxicology
- Nanotoxicology
- Pharmacokinetics
- Reproductive and development toxicology
- Risk assessment
- Toxicogenomics
- Xenobiotics

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

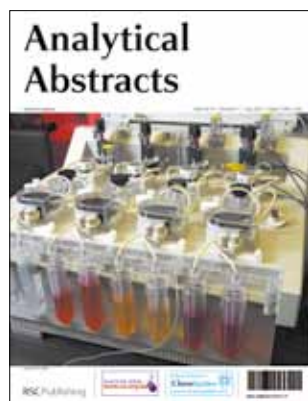
Readership: Academia and industry conducting research in the field of physiological toxicology, including risk assessment, toxicogenomics and pharmacokinetics



Databases

Analytical Abstracts

www.rsc.org/aa ●



ONLINE ONLY

DATABASE

Online Frequency	Weekly
Volume	75
Online ISSN	1471-7107
Online Price	£3,160/\$5,899
Collections	RSC Gold, Analytical Science

Analytical Abstracts is an online database and current awareness service, providing unparalleled current coverage of analytical and bioanalytical science information. Subscribers to **Analytical Abstracts** have site-wide access to the database at www.rsc.org/aa, which is fully searchable across nearly half a million records from 1980 to the present.

Features of the database include:

- Unique specialist indexing *via* analyte, matrix and technique ensures focused and relevant results
- Weekly online updates of around 250 abstracts
- Direct link to the original paper
- Export results to reference management software
- Send results by email

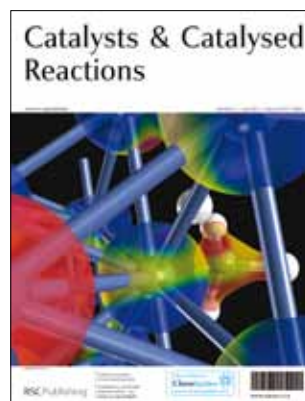
Readership: Analytical scientists concerned with inorganic, organic, clinical, biochemical, pharmaceutical, environmental and food analysis, sample handling, instrumentation and data processing.

ALSO AVAILABLE:

Analytical Abstracts via Online Hosts
Available via Dialog, and STN International
GO TO www.rsc.org/aa

Catalysts & Catalysed Reactions

www.rsc.org/catalysts ●



ONLINE ONLY

DATABASE

Online Frequency	Monthly
Volume	12
Online ISSN	1474-9181
Online Price	£876/\$1,635
Collections	RSC Gold, A+, A

A database and current awareness alerting service delivering important developments in catalysis, **Catalysts & Catalysed Reactions** includes:

- Visual graphical abstracts, allowing fast and effective access to new research
- Monthly addition of new records, sourced from over 50 key journals
- Over 24,000 records from 2001 onwards
- Searchable online database containing the entire backfile of records

Catalysts & Catalysed Reactions covers all areas of catalysis research, including homogeneous, heterogeneous and biocatalysis with emphasis on current growth areas such as chiral catalysts, polymerisation catalysts, enzyme catalysts and clean catalytic methods.

Subscribers have site-wide access to the database. Searching can be performed on the subject indexes (Reactant, Product, Catalysts), by categories of reaction or catalyst, or on bibliographic data.

Readership: Industrialists and academics involved in the design, development and application of catalysts.

Chemical Hazards in Industry

www.rsc.org/chi ●



ONLINE ONLY

DATABASE

Frequency	12
Volume	30
Online ISSN	1476-3907
Online Price	£3,266/\$6,096
Collection	RSC Gold

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

Each monthly issue contains around 250 items selected from the worldwide primary literature. The references include document titles, full bibliographic details and abstracts. Each issue also contains a combined subject and chemical index.

A subscription includes site-wide access to the database, fully searchable dating back to 1981.

Readership: Industrial chemists in all areas of the chemical sciences.

Laboratory Hazards Bulletin

www.rsc.org/lhb ●



ONLINE ONLY

DATABASE

Frequency	12
Volume	33
Online ISSN	1476-3915
Online Price	£1,909/\$3,565
Collection	RSC Gold

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

Published monthly, each issue contains around 60 references selected from the current scientific and technical literature. The references include document titles, bibliographic citations and abstracts. Each issue contains a combined chemical and subject index.

A subscription includes site-wide access to the database which is fully searchable, dating back to 1981.

Readership: Practising research chemists.

Methods in Organic Synthesis

www.rsc.org/mos ○



ONLINE ONLY

DATABASE

Online Frequency	Monthly
Volume	30
Online ISSN	1478-1565
Online Price	£943/\$1,760
Collections	RSC Gold, A+, A

A database and current awareness alerting service delivering the most important new developments in organic synthesis, *Methods in Organic Synthesis (MOS)* includes:

- Visual graphical abstracts of current research
- Monthly addition of new records, sourced from around 50 key journals
- Searchable online database of over 72,000 records

MOS covers such topics as new reactions and reagents, functional group changes, the introduction of chiral centres, and enzyme and biological transformations.

Subscribers to *MOS* have site-wide access to the database. Searching can be performed on the subject indexes (Reagent, Reaction, Reactant, Product) or bibliographic data.

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

Natural Product Updates

www.rsc.org/npu ● ○



ONLINE ONLY

DATABASE

Online Frequency	Monthly
Volume	27
Online ISSN	1478-1557
Online Price	£859/\$1,604
Collections	RSC Gold, A+, A

A database and current awareness alerting service delivering new developments in natural product chemistry, *Natural Product Updates (NPU)* includes:

- Visual graphical abstracts of current research
- Monthly addition of new records, sourced from around 50 journals
- Searchable online database of over 64,000 records

NPU covers such topics as isolation studies, new compounds and known compounds from new sources, structural determinations, new properties and activities, and total syntheses.

Subscribers to *NPU* have site-wide access to the database. Searching can be performed on the subject indexes (Source, Taxonomic Names, Biological Activity, Trivial Names and Compound Class) or bibliographic data.

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

Magazines

Chemistry World

www.rsc.org/chemistryworld ● ● ● ● ● ● ● ● ● ●



PRINT & ONLINE

MAGAZINE

Frequency	12
Volume	10
Print & Online ISSN	1473-7604
Online ISSN	1749-5318
Print & Online Price	£820/\$1,531
Online Price	£779/\$1,454
Collections	RSC Gold, General Chemistry

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

Chemistry World magazine reports globally 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.

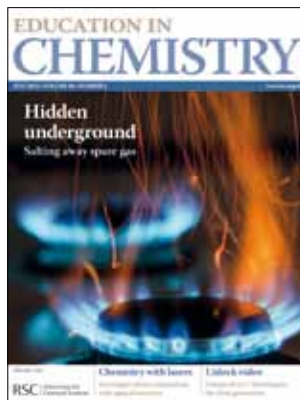
Chemistry World also provides:

- Careers advice and the latest job advertisements
- Specialist book and software reviews
- Access to three podcasts including interviews, a tour of the periodic table and stories behind different compounds
- Access to the latest discussions on the *Chemistry World* blog
- Breaking news and up-to-the-minute coverage at www.chemistryworld.org

Readership: Anyone with an interest in the chemical sciences.

Education in Chemistry

www.rsc.org/eic ●



PRINT & ONLINE

MAGAZINE

Frequency	6
Volume	50
Print & Online ISSN	0013-1350
Online ISSN	1749-5326
Print & Online Price	£289/\$539
Online Price	£274/\$512
Collection	RSC Gold

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

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

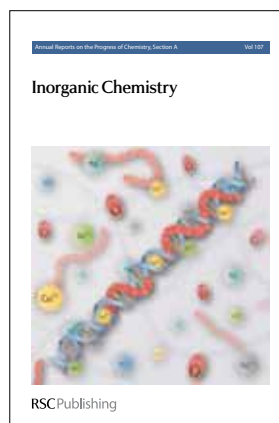
- News – provides up-to-date information on how government policy affects chemical education, as well as details of activities and resources
- Exhibition Chemistry – provides spectacular class demonstrations linked to specific teaching goals supported by video. The experiments are designed to capture the student's imagination, are easy to prepare and safe to dispose of, and they work
- The Elements – a review of the elements of the Periodic Table contributed by John Emsley
- Distillates – short news 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

Readership: Teachers of chemistry at all levels, from schools to universities world-wide.

Also of Interest: *The Mole* – a twelve page magazine aimed at 16-19 year olds and anyone inspired to dig deeper into chemistry. It features cutting-edge science articles and university and careers information

Reports

Annual Reports on the Progress of Chemistry ● ● ●



PRINT & ONLINE REPORTS

Frequency	1
Volume	109
Print & Online ISSN & Price	
Section A:	0260-1818/£315/\$588
Section B:	0069-3030/£315/\$588
Section C:	0260-1826/£315/\$588
Print & Online Price All 3 sections:	
	£896/\$1,672
Online ISSN & Price:	
Section A:	1460-4760/£300/\$559
Section B:	1460-4779/£300/\$559
Section C:	1460-4787/£300/\$559
Online Price All 3 sections: £851/\$1,589	
Collections	RSC Gold, A+, A, Annual Reports

Section Editors: F Berry, University of Birmingham, UK and E Hope, University of Leicester, UK (Section A); I Cunningham, University of Surrey, UK and P Page, University of East Anglia, UK (Section B); G Webb, formerly University of Surrey, UK (Section C)

Annual Reports on the Progress of Chemistry provides broad and critical coverage of the significant advances in the major contemporary areas of chemical sciences, published in three sections, on an annual basis. Each section is organised into short, easily accessible chapters written by those working in the field. This approach provides a full guide to complete areas of the chemical sciences in one volume – a unique service in the current literature.

Section A: Inorganic Chemistry - reviews the progress in organometallic and co-ordination chemistry, supramolecular chemistry, computational methods, inorganic materials science, inorganic mechanisms and bio-inorganic chemistry.

Section B: Organic Chemistry - reviews the full range of research from synthetic methodology through reaction mechanisms and theoretical organic chemistry to natural products and bio-organic chemistry.

Section C: Physical Chemistry - reviews theoretical and spectroscopic research, materials and catalytic chemistry, thermodynamics and kinetics, each from a range of approaches and viewpoints.

Readership: Academics, scientists, chemical researchers.

Section A: www.rsc.org/annrepa

Section B: www.rsc.org/annrepb

Section C: www.rsc.org/annrepc

Book Series

Issues in Environmental Science and Technology

www.rsc.org/issues ●



PRINT & ONLINE

BOOK SERIES

Frequency	2
Volumes	36&37
Print & Online ISSN	1350-7583
Online ISSN	1465-1874
Print & Online Price	£133/\$249
Online Price	£126/\$236
Collection	RSC Gold

Series Editors: R Harrison, University of Birmingham, UK and R Hester, University of York, UK

Issues in Environmental Science and Technology presents a multidisciplinary approach to pollution and environmental science, additionally focusing on broader issues such as economic, political and legal considerations.

A 2013 subscription provides the following titles:

- Chemical Alternatives Assessments
- Waste as a Resource

Print copies of previous titles are still available and can be purchased separately. A list of all titles in the series is available online.

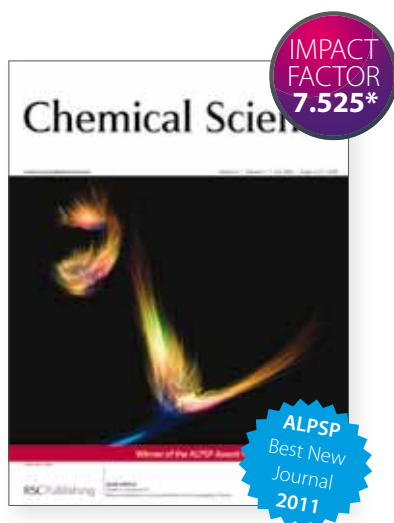
Some recently published titles include:

- Environmental Impacts of Modern Agriculture
- Soil Quality and Food Security
- Nuclear Power and the Environment
- Marine Pollution and Human Health
- Ecosystem Services
- Sustainable Water
- Carbon Capture: Storage and Sequestration

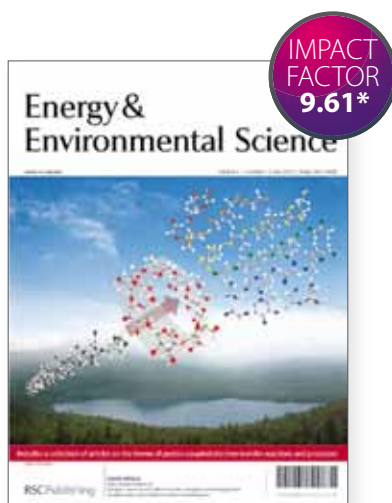
Full tables of contents and additional information for all titles in the series are available online at www.rsc.org/issues.

Readership: Industrial and academic scientists and professionals involved with environmental science and technology, as well as legislators, government bodies and national and international environmental agencies working in this field.

High impact science



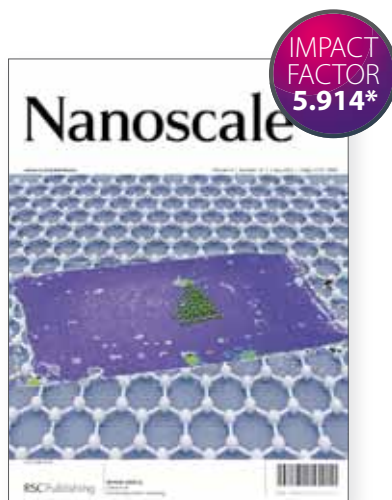
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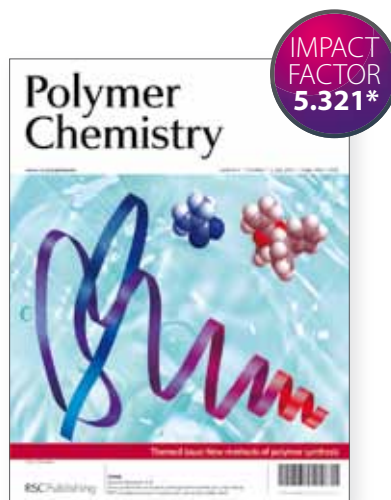
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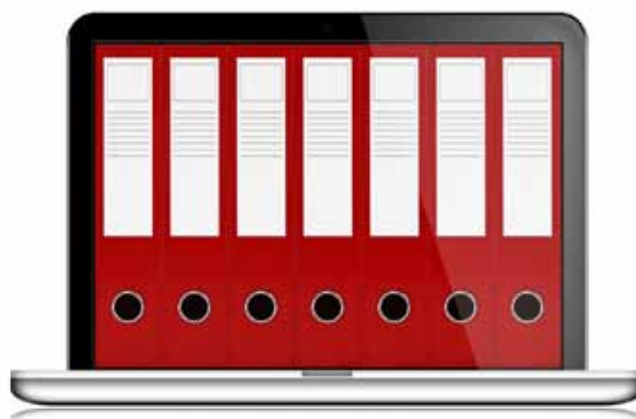
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Amino Acids, Peptides and Proteins

Volume 38 | 2013

Scientific Editors:

Etelka Farkas, University of Debrecen, Hungary
Max Ryadnov, National Physics Laboratory, UK

Amino Acids, Peptides and Proteins comprises a comprehensive review of significant developments at this biology/chemistry interface. Each volume of this Specialist Periodical Report opens with an overview of amino acids and their applications, with comprehensive and critical reviews examining the last 12-18 months of the literature. Researchers in the pharmaceutical and allied industries, and at the biology/chemistry interface in academia will find this an indispensable reference source.

Reviews of recent literature

ISBN 9781849735858 | HB | £314.95 / \$505

ISSN 1361-5904

Now indexed in SCOPUS

Carbohydrate Chemistry: Chemical and Biological Approaches

Volume 39 | 2013

Scientific Editors:

A Pilar Rauter, University of Lisbon, Portugal
T Lindhorst, University of Kiel, Germany

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, this series demonstrate 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 field of carbohydrate chemistry.

Reviews of recent literature

ISBN 9781849735872 | HB | £314.95 / \$505

ISSN 2041-353X

Now indexed in SCOPUS

Catalysis

Volume 25 | 2013

Scientific Editors:

J Spivey, Louisiana State University, USA
Y-F Han, East China University of Sciences and Technology, China

Industrial and academic scientists face increasing challenges to find cost-effective and environmentally sound methods for converting natural resources into fuels, chemicals and energy. This series is edited by two leading researchers in the field and provides a balanced and in-depth review of the modern approaches to these challenges, covering major areas of heterogeneous and homogenous catalysis, as well as specific applications of catalysis, such as NO_x control, kinetics and experimental techniques such as microcalorimetry.

Reviews of recent literature

ISBN 9781849735780 | HB | £314.95 / \$505

ISSN 0140-0568

Now indexed in SCOPUS

Chemical Modelling: Applications and Theory

Volume 10 | 2013

Scientific Editor:

M Springborg, University of Saarland, Germany
J-O Joswig, University of Dresden, Germany

Chemical Modelling covers a wide range of disciplines, and this specialist periodical report 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. Containing both comprehensive and critical reviews, this volume is a convenient reference covering the last 18 months of the current literature.

Reviews of recent literature

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ISSN 1472-0965

Now indexed in SCOPUS

Electrochemistry

Volume 12 | 2013

Scientific Editors:

Richard Compton, University of Oxford, UK
Jay Wadhawan, University of Hull, UK

Specialist Periodical Reports present comprehensive and critical reviews of the current literature, with contributions from across the globe. Re-launched in 2012 with a new editorial team (Compton and Wadhawan), this volume is a key reference in the field of electrochemistry, allowing the reader to easily become acquainted with the latest research and opinion.

Reviews of recent literature

ISBN 9781849735810 | HB | £314.95 / \$505

ISSN 0305-9979

Electron Paramagnetic Resonance

Volume 23 | 2012

Scientific Editors:

V Chechik, University of York, UK
B Gilbert, University of York, UK
D Murphy, University of Cardiff, UK

The topics covered in this series describe contrasting types of Electron Paramagnetic Resonance (EPR) application, including EPR studies of free-radical reactions in biology and medically-related systems, experimental developments and applications involving EPR imaging, the use of very high fields, and time-resolved methods. EPR applications remain very significant in modern science and this volume compiles critical coverage of developments in the literature.

Reviews of literature
published from 2010 to 2012

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ISSN 1464-4622

Now indexed in SCOPUS

Nanoscience

Volume 2 | 2013

Scientific Editor:

Paul O'Brien, University of Manchester, UK

The 21st century has seen immense growth in the field of nanoscience. Gaining an overview of the field is no easy task, but the introduction of the newest SPR by RSC: Nanoscience, provides a critical and comprehensive assessment of the most recent research and opinion. With contributions from across the globe, this new series ensures readers will be well-versed in the latest research and methodologies. Some chapters will also present a special focus in emerging countries working in the field, such as India and China.

Reviews of recent literature

ISBN 9781849735827 | HB | £314.95 / \$505

ISSN 2049-3541

Nuclear Magnetic Resonance

Volume 42 | 2013

Scientific Editors:

K Kamienska-Trela & G J Wojcik, Polish
Academy of Sciences, Poland

Applications of Nuclear Magnetic Resonance (NMR) span a wide range of scientific disciplines, including physics, biology and medicine. Each volume in this series comprises a combination of reports offering a comprehensive coverage of the literature. With an unrivalled scope of coverage, this Specialist Periodical Report presents an invaluable source of current methods and applications for seasoned practitioners and newcomers alike.

Reviews of recent literature

ISBN 9781849735773 | HB | £314.95 / \$505

ISSN 0305-9804

Now indexed in SCOPUS

Organometallic Chemistry

Volume 39 | 2013

Scientific Editors:

I Fairlamb, University of York, UK
J Lynam, University of York, UK

In this fast growing interdisciplinary field there is growing interest in the potential for organometallic chemistry to provide answers to the problems and challenges faced in catalysis, synthetic organic chemistry and the development of new materials. This volume aims to reflect the current interest and opinion in the hottest topics in organometallic chemistry, providing both critical and comprehensive reviews of the recent literature.

Reviews of recent literature

ISBN 9781849735834 | HB | £314.95 / \$505

ISSN 0301-0074

Now indexed in SCOPUS

Organophosphorus Chemistry

Volume 42 | 2013

Scientific Editors:

D Allen, Sheffield Hallam University, UK
 J Tebby, University of Staffordshire, UK
 D Loakes, Medical Research Council, UK

Coverage in this annual review of the literature presents a comprehensive survey of the vast field of study involving organophosphorus compounds, from phosphines and phosphonium salts through to phosphorous acids, nucleotides and ylides. The critical reviews in this volume enable industrial and academic researchers to keep abreast of the latest developments in their specialist fields.

Reviews of recent literature

ISBN 9781849735841 | HB | £314.95 / \$505

ISSN 0306-0713

Now indexed in SCOPUS

Photochemistry

Volume 41 | 2013

Scientific Editors:

A Albini & E Fasani, Università degli Studi di Pavia, Italy

Reviewing photo-induced processes that have relevance to a wide-ranging number of academic and commercial disciplines and interests covering chemistry, physics, biology and technology, this series is essential reading for anyone wishing to keep abreast of the current literature. Now in its 41st volume, and with contributions from across the globe, this series continues to present an accessible digest of current opinion and research in all aspects of photochemistry.

Reviews of recent literature

ISBN 9781849735803 | HB | £314.95 / \$505

ISSN 0556-3860

Now indexed in SCOPUS

Spectroscopic Properties of Inorganic and Organometallic Compounds: Techniques, Materials and Applications

Volume 44 | 2013

Scientific Editors:

S Duckett, University of York, UK
 R Douthwaite, University of York, UK
 J Yarwood, Sheffield Hallam University, UK

From Volume 40 of this series, the nature and ethos have been altered to reflect a change of emphasis towards 'Techniques, Materials and Applications'. Researchers will now find up-to-date reviews which provide in-depth analyses of the leading work in these growing areas. Focus areas will include structure–function relationships, photochemistry and spectroscopy of inorganic complexes, and catalysis; materials such as ceramics, cements, pigments, glasses and corrosion products; techniques such as advanced laser spectroscopy and theoretical methods. This volume's chapters cover vibrational, EPR, NQR, photoelectron and UV/Vis spectroscopies, and electron and X-ray diffraction techniques.

Reviews of recent literature

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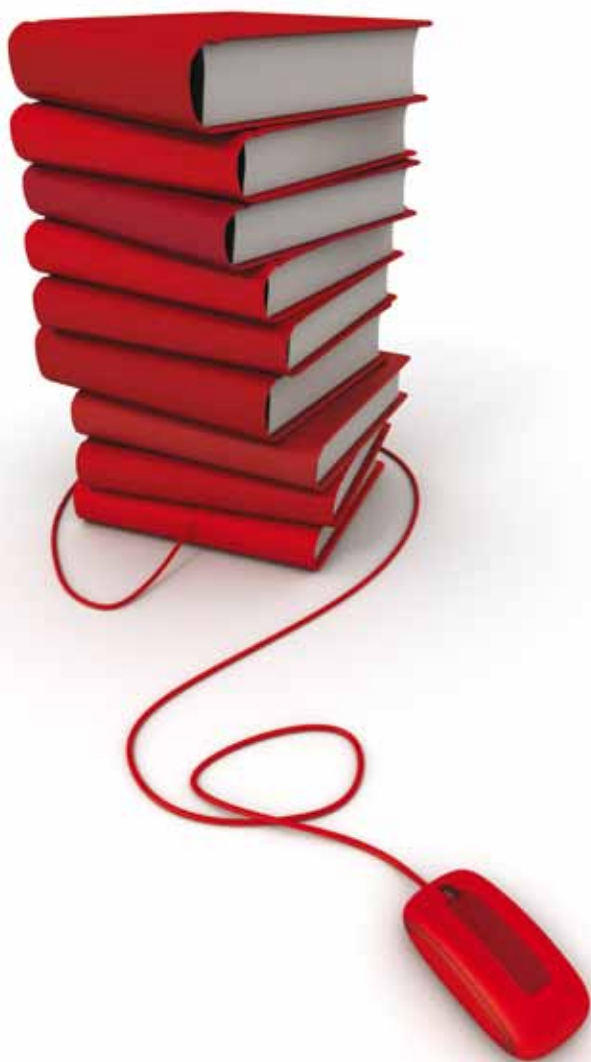
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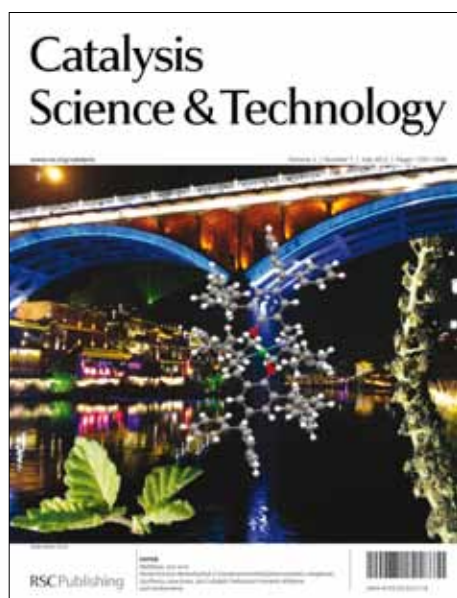


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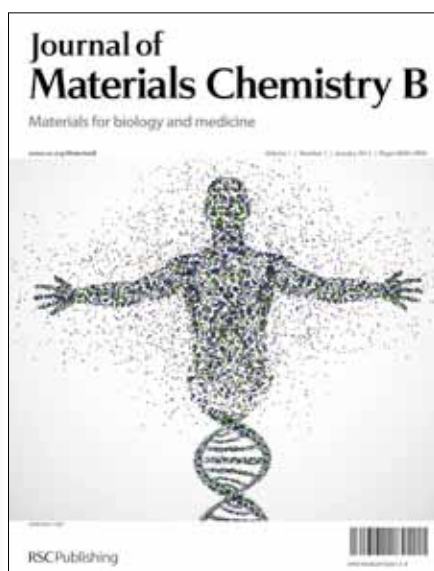
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