

# *Biomaterials Science*

An international, high impact journal bringing together the molecular and mesoscopic interactions of biomaterials and their potential applications



Published in collaboration with the Institute for Integrated Cell-Material Sciences, Kyoto University, Japan, the journal is led by two Co-Editors-in-Chief: Professor Phillip Messersmith from Northwestern University, USA and Norio Nakatsuji, Professor and Director at Kyoto University's WPI-iCeMS.

Authors will benefit from:

- Wide exposure of their work with free online access to all content until the end of 2014
- Speedy peer review and publication process
- The option of publishing research as an Accepted Manuscript, making work available quickly after acceptance
- Free colour, no page charges

## **Submit your work now!**

**RSC Publishing**

**[www.rsc.org/BiomaterialsScience](http://www.rsc.org/BiomaterialsScience)**

Registered Charity Number 207890

# The RSC Energy & Environment Series

Energy lies at the heart of modern society, and it is critical that we make informed choices of the methods by which we convert and manage energy. The RSC Energy & Environment Series will provide an up-to-date and critical perspective on the various options that are available. Chemistry has a central role to play in the planning and development of sustainable energy scenarios, and the wide range of topics that will be covered in the series will reflect the wealth of chemical ideas and concepts that have the potential to make an important impact in mankind's search for a sustainable energy future.

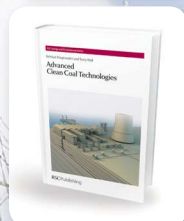


## Molecular Solar Fuels

Edited by Thomas J. Wydrzynski and Warwick Hillier, The Australian National University, Australia

Written by experts, this book presents the latest knowledge and chemical prospects in developing hydrogen as a solar fuel.

ISBN: 9781849730341 Price: £144.99

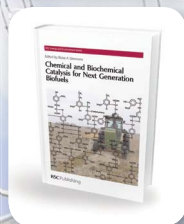


## Advanced Clean Coal Technologies

Behdad Moghtaderi and Terry Wall, The University of Newcastle, Australia

This book addresses a cutting-edge area of research and development with significant potential in reducing GHG emissions and, thereby, global warming - themes that are currently on everyone's mind from politicians to environmentalists and ordinary people.

ISBN: 9781849730969 Price: £114.95



## Chemical and Biochemical Catalysis for Next Generation Biofuels

Blake A. Simmons, Sandia National Laboratories, USA

A general yet substantial review of the application of catalysis to biofuels production, covering the full spectrum of biomass catalysis.

ISBN: 9781849730303 Price: £125.99

## Editor-in-Chief

**Professor Laurence Peter**  
University of Bath, UK

## Series Editors

**Professor Heinz Frei**  
Lawrence Berkeley National Laboratory, USA

**Professor Ferdi Schüth**  
Max Planck Institute for Coal Research, Germany

**Professor Tim S. Zhao**  
HKUST, Hong Kong, China

*"The RSC series focuses on the contributions that the chemical sciences can, and must make, to solving one of the greatest challenges facing humanity in the 21st Century: the production of sustainable, globally scalable, clean energy."*

**Nathan S. Lewis**

George L. Argyros Professor of Chemistry, Division of Chemistry and Chemical Engineering, Beckman Institute and Kavli Nanoscience Institute, California Institute of Technology, USA

## Forthcoming

### Materials Challenges: Inorganic Photovoltaic Solar Energy

ISBN: 9781849731874 Price: £121.99

This book will provide an authoritative reference on the various aspects of materials science that will impact the next generation of photovoltaic (PV) module technology.

### Solar Energy Conversion: Dynamics of Interfacial Electron and Excitation Transfer

ISBN: 9781849733878 Price: £154.49

A state-of-the-art review on experimental and theoretical approaches to the study of interfacial electron and excitation transfer processes which are so crucial to solar energy conversion.

### Catalysts for Alcohol-Fuelled Direct Oxidation Fuel Cells

ISBN: 9781849734059 Price: £155.99

This book provides up-to-date information on key developments in nanocatalysts and electrocatalysis for DOFCs.

Whilst every effort was made to ensure these prices were correct at the time of going to press, all information is subject to change without notice.

**To order any of these titles please email [booksales@rsc.org](mailto:booksales@rsc.org) or visit the website!**

**RSC Publishing**

**[www.rsc.org/energyandenviroseries](http://www.rsc.org/energyandenviroseries)**

Registered Charity Number 207890