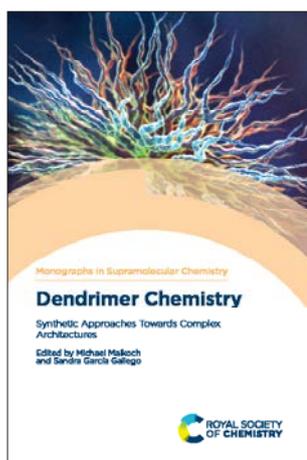


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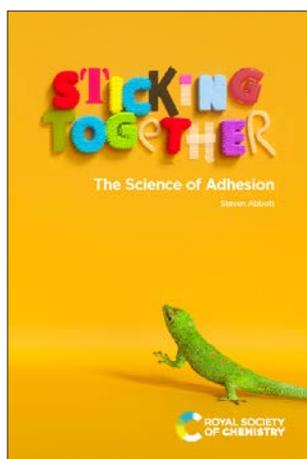


Dendrimer Chemistry

Michael Malkoch KTH Royal Institute of Technology, Sweden
Sandra García Gallego University of Alcalá, Spain

The dendrimer field continues to grow due to the unique structure of dendrimers that lends itself to useful properties and applications, such as in drug delivery. This book covers the latest advances in the synthesis of dendrimers and other complex dendritic architectures. It provides an overview of the most established building blocks for each family of dendritic material, and highlights the synthetic and structural trends and new applications. This will be a handy reference for postgraduate students and researchers in organic chemistry, polymer chemistry, (nano) materials science and macromolecular chemistry.

Hardback | 295 pages | ISBN 9781788011327 | £169.00 | \$235.00 | 28/05/2020



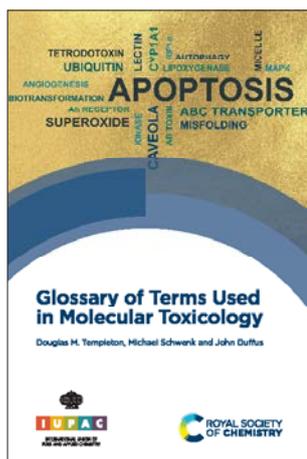
Sticking Together

The Science of Adhesion

Steven Abbott University of Leeds, UK

This popular science title will cover adhesion science in an easily accessible entertaining manner. As well as outlining types of adhesion and their importance in everyday life, the book covers interesting future applications of adhesion and inspiration taken from nature. Ideal for students and the scientifically minded reader this book provides a fascinating introduction to the science of what makes things stick.

Paperback | 278 pages | ISBN 9781788018043 | £19.99 | \$27.99 | 05/05/2020



Glossary of Terms Used in Molecular Toxicology

Douglas M Templeton University of Toronto, Canada
Michael Schwenk Federal Public Health Department, Germany
John Duffus The Edinburgh Centre for Toxicology, UK

Molecular toxicology is a rapidly expanding subject area that is very interdisciplinary, the requirement for both toxicologists and non-toxicologists to familiarise themselves with the terminology used in a variety of contexts is important to ensure the topic's continued expansion. This book is an ideal reference for students of toxicology interested in cellular and molecular mechanics of toxicology and pathology as well as biologists, medicinal chemists and researchers in drug development interested in the molecular-level aspects of toxicology.

Hardback | 408 pages | ISBN 9781788017718 | £70.00 | \$95.00 | 28/05/2020

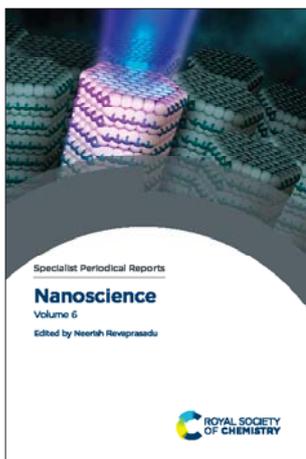
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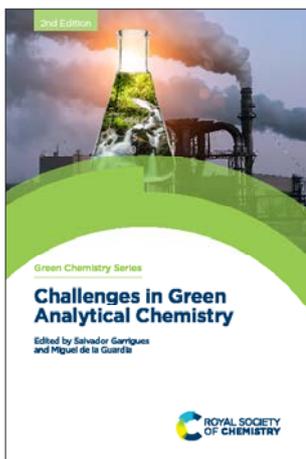
Nanoscience

Volume 6

Neerish Revaprasadu University of Zululand, South Africa

The field of nanoscience continues to grow 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 any nano-allied field, or wishing to enter the nano-world will benefit from this resource, presenting the current thought and applications of nanoscience.

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Challenges in Green Analytical Chemistry

Salvador Garrigues University of Valencia, Spain

Miguel de la Guardia University of Valencia, Spain

The past decade has seen significant developments in improving the greenness of analytical chemistry, including the use of new smart materials as analytical tools. Solvent selection, miniaturization and metrics for the evaluation of method greenness make this book useful for researchers and industry, interested in integrating safer and sustainable analytical techniques into their work. The fact that, in general, green methods of analysis offer cheaper alternatives to traditional ones, adds an economical interest to this approach.

Hardback | 378 pages | ISBN 9781788015370 | £169.00 | \$235.00 | 13/05/2020

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