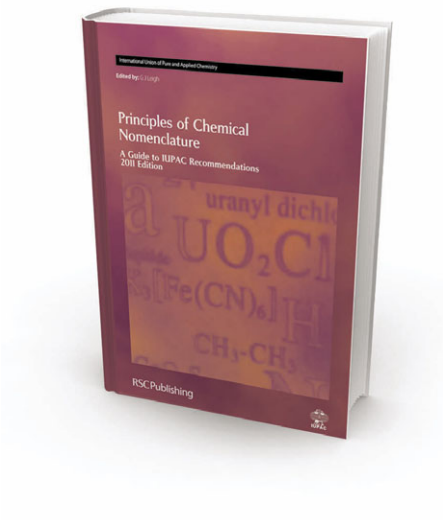
Published on 01 August 2012 on http://pubs.rsc.org | doi:10.1039/C2CC90286A
Downloaded on 01 August 2012

IUPAC and RSC Publishing



Principles of Chemical Nomenclature

A Guide to IUPAC Recommendations 2011 Edition

Written by leading world authorities, this book enables teachers and students to obtain a sound training in IUPAC nomenclature. It outlines IUPAC recommendations for application in the principal branches of chemistry: organic, inorganic, organometallic, and polymer. The book also includes some basic biochemical nomenclature, clearly explaining the fundamental principles of nomenclature methods.

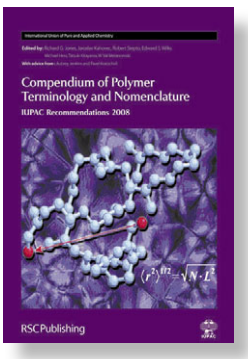
The book is replete with examples for guidance and there are extensive tables to direct the reader to information quickly. This book will enable readers to apply the principles of nomenclature accurately and with confidence.

ISBN 9781849730075 | 2011 | £24.99

Other IUPAC References

Compendium of Polymer Terminology and Nomenclature

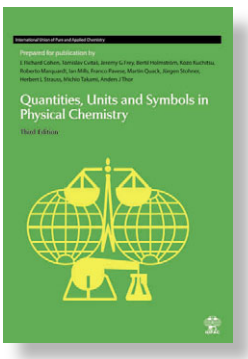
IUPAC Recommendations 2008



This new edition collects the most important position papers on the nomenclature and terminology of several types of polymers into one extensive volume.

ISBN 9780854044917 | 2009 | £139.99

Quantities, Units and Symbols in Physical Chemistry

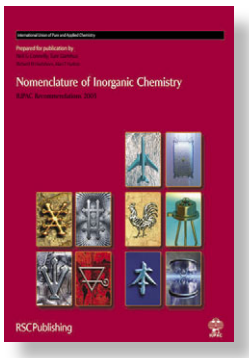


This is the definitive guide for scientists and organizations working across a multitude of disciplines requiring internationally approved physical chemistry nomenclature.

ISBN 9780854044337 | 2007 | £39.95

Nomenclature of Inorganic Chemistry

IUPAC Recommendations 2005



The 'Red Book' is the definitive guide for scientists requiring internationally approved inorganic nomenclature in a legal or regulatory environment.

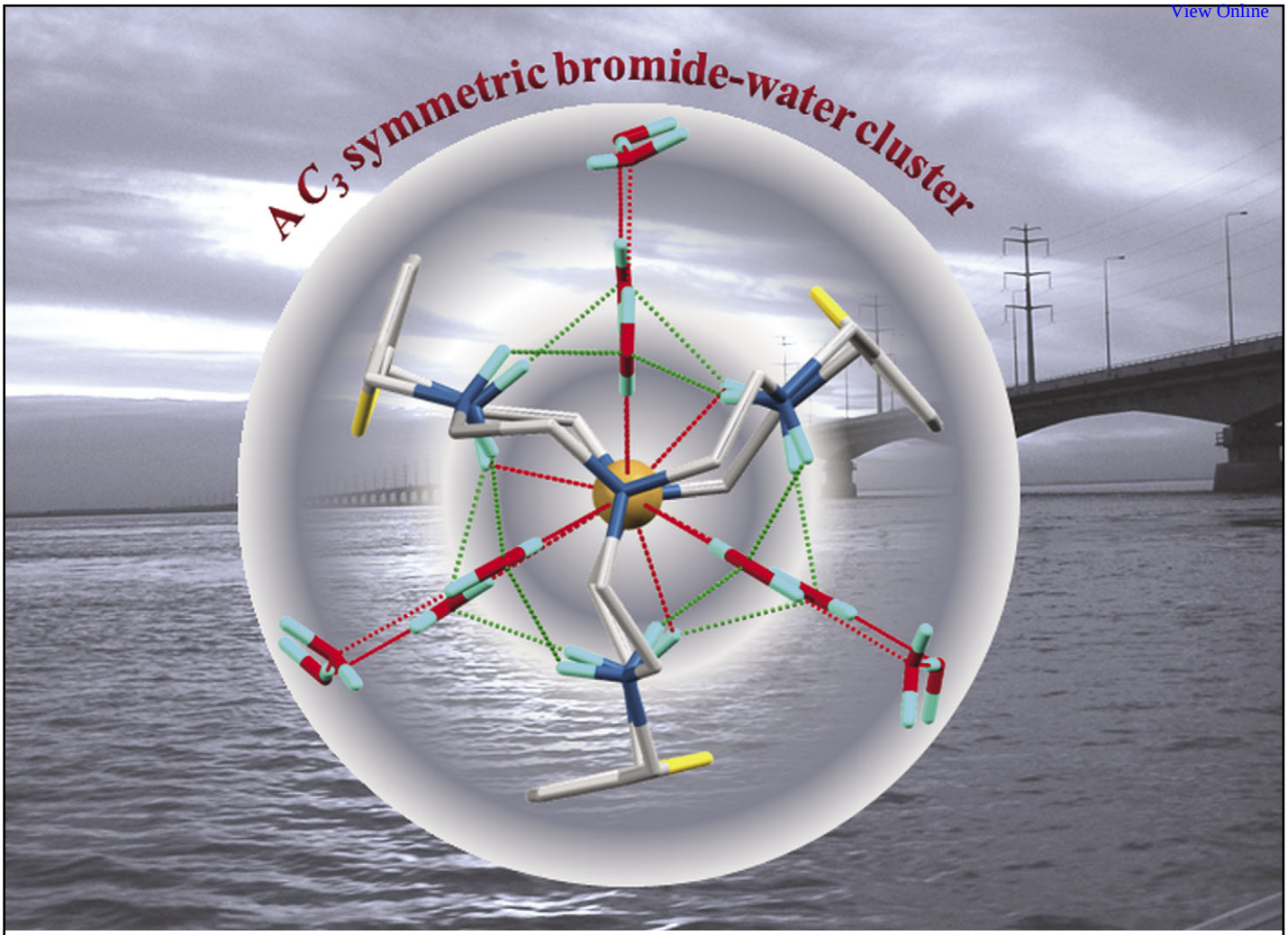
ISBN 9780854044382 | 2005 | £49.95

RSC Publishing

www.rsc.org/books

Registered Charity Number 207890

View Online



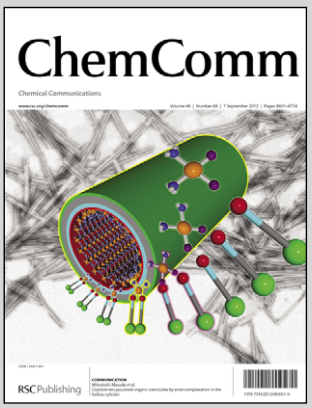
Published on 01 August 2012 on http://pubs.rsc.org | doi:10.1039/C2CC90286A
Downloaded on 01 August 2012

Showcasing research from the Supramolecular Chemistry Laboratory at Jackson State University, Jackson, Mississippi, USA

Self-assembly of ordered water tetramers in an encapsulated $[Br(H_2O)_{12}]^-$ complex

One bromide and three highly-ordered "water tetramers" are assembled within the cavity of a cryptand to provide a C3 symmetric bromide-water cluster. This finding represents a new type of anion-water hybrid cluster and a step towards the understanding of complex aqueous phase environments of an anion.

As featured in:



See Md. Alamgir Hossain *et al.*, *Chem. Commun.*, 2012, **48**, 8631.

RSC Publishing

www.rsc.org/chemcomm

Registered Charity Number 207890