

Supramolecular Chemistry Anniversary Issue

"The issue augurs well to be a precious help for students as well as specialist researchers wishing to get a quick update on a specific topic"
Javier de Mendoza

"This promises to be a landmark issue that will surely stand the test of time as a seminal contribution to the all-important area of supramolecular chemistry."
Jon Sessler

- **easy-to-read and fully updated tutorial reviews**
- **authored by pioneering researchers in the field**
- **drawing together the most relevant topics in supramolecular chemistry today**



In its February 2007 special issue *Chem Soc Rev* celebrates two landmark anniversaries in the field of Supramolecular Chemistry:

1967: Charles Pedersen's first paper on the synthesis and metal binding properties of crown ethers is published in the *Journal of the American Chemical Society*.

1987: the Nobel prize in chemistry is awarded to Charles Pedersen, Jean-Marie Lehn and Donald Cram in recognition of their pioneering work in Supramolecular Chemistry.

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Indexed in MEDLINE, Dalton Transactions is a leading journal for biological inorganic and bioinorganic chemistry research.

A selection of excellent recent articles is listed below; to keep abreast of latest developments in this area bookmark the website.



Investigation of the coordination structures of the molybdenum(V) sites of sulfite oxidizing enzymes by pulsed EPR spectroscopy

John H. Enemark, Andrei V. Astashkin and Arnold M. Raitsimring

EPR spectroscopy as a probe of metal centres in biological systems

Wilfred R. Hagen

Carbon dioxide and related heterocumulenes at zinc and lithium cations: bioinspired reactions and principles

Stephan Schenk, Johannes Notni, Uwe Köhn, Kurt Wermann and Ernst Anders

Kinetic preference for interaction of cisplatin with the G–C-rich wobble basepair region in both tRNA^{Ala} and Mh^{Ala}

Pal Papsai, Jasmin Aldag, Tina Persson and Sofi K. C. Elmroth

From structural properties of the Eu^{III} complex with ethyl enediaminetetra(methylenephosphonic acid) (H₈EDTMP) towards biomedical applications

Anna Mondry and Rafal Janicki

Metal ion selectivity of oligopeptides

Imre Sóvágó and Katalin Ősz,

Ferrocene-modified pyrimidine nucleosides: synthesis, structure and electrochemistry

Haifeng Song, Xiaohong Li, Yitao Long, Gabriele Schatte and Heinz-Bernhard Kraatz

Multiple metal binding to 6-oxopurine nucleobases as a source of deprotonation. The role of metal ions at N7 and N3

Marta Morell Cerdà, David Amantia, Burkhard Costisella, Andrew Houlton and Bernhard Lippert

Cationic, linear Au(I) N-heterocyclic carbene complexes: synthesis, structure and anti-mitochondrial activity

Murray V. Baker, Peter J. Barnard, Susan J. Berners-Price, Simon K. Brayshaw, James L. Hickey, Brian W. Skelton and Allan H. White

Carbohydrate–metallocene conjugates: selective formation of a zirconadioxacyclopentane-type dimer from the reaction of a bis(enolate)ZrCp₂ reagent with a glucofuranoside derivative

Birgit Meyer zu Berstenhorst, Gerhard Erker, Gerald Kehr and Roland Fröhlich