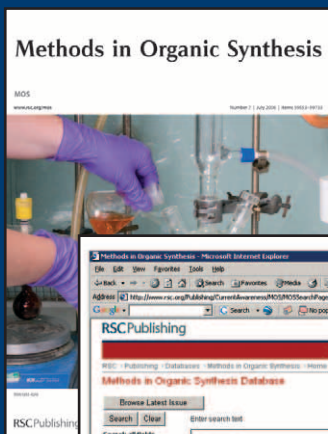


# Specialised searching

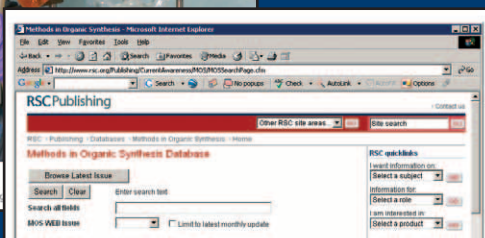


The graphical abstracting services at the RSC are an indispensable tool to help you search the literature. Focussing on specific areas of research they review key primary journals for novel and interesting chemistry.

## requires specialised tools

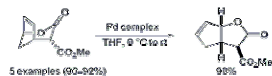


Methods in Organic Synthesis provides information on reaction schemes, new reactions and new methods. Topics include functional group changes, the introduction of chiral centres, and enzyme and biological transformations.



The online database has excellent functionality. Search by: authors, products, reaction, reactants and reagents.

59453 Tandem radical rearrangement/Pd-catalysed translocation of bicyclo[2.2.2]lactones. An efficient access to the oxo-triquinane core structure  
J.-H. Liao; N. Maulide; B. Augustyns; I. E. Marko  
*Org. Biomol. Chem.*, 2006, 4(8), 1464-1467



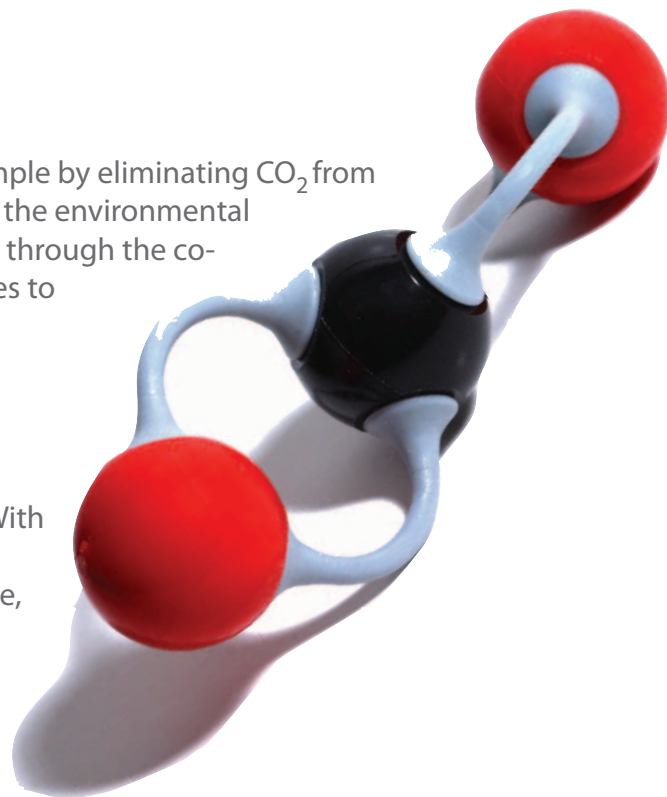
With Methods in Organic Synthesis you can find exactly what you need. Search results include diagrams of reaction schemes. Also available as a print bulletin.

**Dalton Transactions web theme issue:**

## **CO<sub>2</sub> at metal centres**

Methods for decreasing excess atmospheric CO<sub>2</sub>, for example by eliminating CO<sub>2</sub> from gas-streams during air purification processes, are high on the environmental agenda. The chemistry of carbon dioxide at metal centres through the co-ordination of CO<sub>2</sub> or by reacting CO<sub>2</sub> with metal complexes to prepare carbon containing derivatives may hold some of the answers.

This timely web theme issue, guest edited by Dr. Roger Guilard, Professor of Chemistry at the University of Bourgogne in Dijon, France addresses exactly this topic. With contributed articles printed in regular issues of *Dalton Transactions* and collected online on a dedicated webpage, this first web theme issue from a series to appear in *Dalton Transactions* hails a new age in dynamic and flexible special issue publishing.



**Topics covered in CO<sub>2</sub> at metal centres include:**

Study of CO<sub>2</sub> sequestration  
by various materials

Catalytic synthesis using CO<sub>2</sub> as a building block

CO<sub>2</sub> as a building block for  
supramolecular assemblies

Chemistry of CO<sub>2</sub>  
inspired by nature

Metal assisted  
catalytic reactions in  
compressed CO<sub>2</sub>

Activation of CO<sub>2</sub> via formation of metal-  
CO<sub>2</sub> complexes or insertion into metal-  
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