

Highlights

Gespannte Moleküle

J. Clayden und W. J. Moran

Das gebogene Amid 2-Chinuclidon:
Synthese nach 60 Jahren

Kurzaufsätze

NMR-Spektroskopie

F. C. Schroeder und M. Gronquist

1 Größere Möglichkeiten für die
NMR-Spektroskopie durch
Mikrospulenprobenköpfe

Aufsätze

Naturstoffsynthese

K. C. Nicolaou et al.

2 Kaskadenreaktionen in der Totalsynthese

Zuschriften

Fertigung von Nanostrukturen

C. A. Mirkin et al.

3 Massively Parallel Dip-Pen
Nanolithography with 55 000-Pen
Two-Dimensional Arrays (Titelbild)

Massenspektrometrie

R. G. Cooks et al.

4 Tissue Imaging at Atmospheric Pressure
Using Desorption Electrospray Ionization
(DESI) Mass Spectrometry

Asymmetrische Katalyse

M. L. Snapper, A. H. Hoveyda et al.

A Highly Efficient and Practical Method
for Catalytic Asymmetric Vinyllogous
Mannich (AVM) Reactions

Metall-organische Gerüste

S. Kitagawa et al.

Dynamic Motion of Building Blocks in
Porous Coordination Polymers

Polycarbonatsynthese

K. Nozaki et al.

Selective Formation of Polycarbonate over
Cyclic Carbonate: Copolymerization of
Epoxides with Carbon Dioxide Catalyzed
by a Cobalt(III) Complex with a
Piperidinium End-Capping Arm

Organische Reaktionen in Wasser

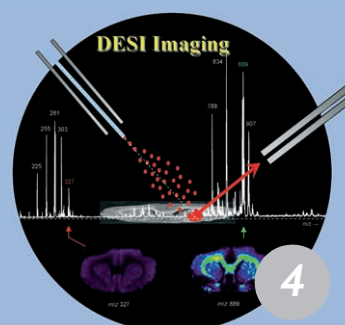
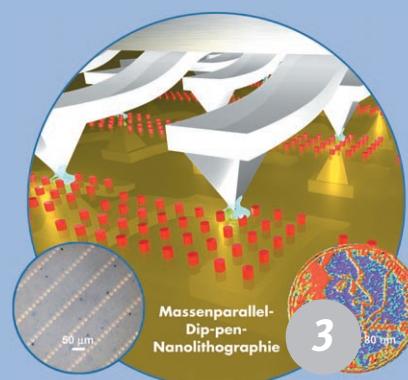
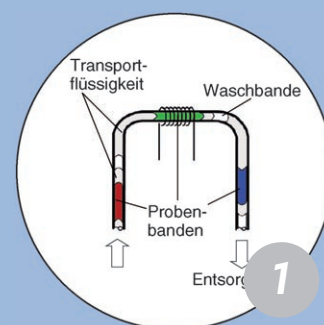
S. Kobayashi et al.

A Heterogeneous Silica-Supported
Scandium/Ionic Liquid Catalyst System
for Organic Reactions in Water

Phosphanpolymere

D. P. Gates und K. J. T. Noonan

Ambient-Temperature Living Anionic
Polymerization of Phosphaalkenes:
Homopolymers and Block Copolymers
with Controlled Chain Lengths



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