

Highlights

Biotreibstoffe

J. O. Metzger

Produktion von flüssigen
Kohlenwasserstoffen aus Biomasse

Phosphormodifikationen

A. Pfitzner

Phosphor bleibt spannend!

Aufsätze

Materialforschung

R. A. Potyrailo

1 Materialien für Sensorpolymere:
Möglichkeiten kombinatorischen Designs

Zuschriften

Biomineralisation

N. A. J. M. Sommerdijk, A. Kros et al.

2 Self-Organizing β -Sheet Lipopeptide
Monolayers as Template for the
Mineralization of CaCO_3 (Titelbild)

DNA-förmige Polymere

T.-Y. Luh et al.

3 Molecular Architecture towards Helical
Double-Stranded Polymers

Flüssigkeitschromatographie

V. A. Soloshonok

4 Remarkable Amplification of the Self-
Disproportionation of Enantiomers on
Achiral-Phase Chromatography Columns

Synthesemethoden

B. H. Lipshutz et al.

Heterogeneous Catalysis with Nickel-on-
Graphite (Ni/C_g): Reduction of Aryl
Tosylates and Mesylates

Käfigverbindungen

R. G. Bergman, K. N. Raymond et al.

Stabilization of Reactive Organometallic
Intermediates Inside a Self-Assembled
Nanoscale Host

Kreuzkupplungen

E.-i. Negishi und Z. Tan

Widely Applicable Pd-Catalyzed *trans*-
Selective Monoalkylation of Unactivated
1,1-Dichloro-1-alkenes and Pd-Catalyzed
Second Substitution for the Selective
Synthesis of *E*- or *Z*-Trisubstituted
Alkenes

DNA-Nanostrukturen

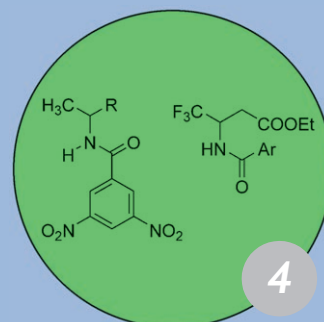
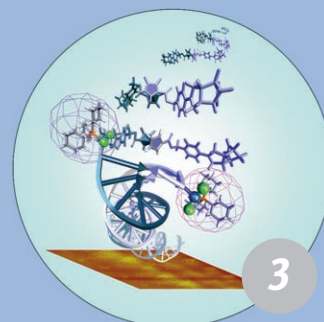
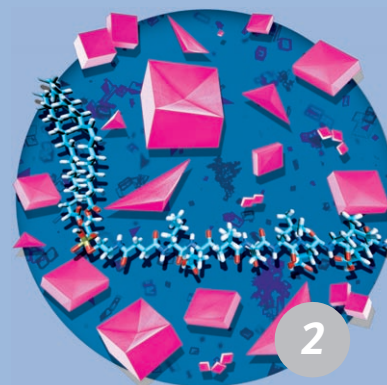
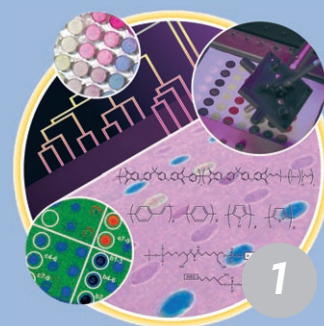
C. Dwyer, T. H. LaBean et al.

Finite-Size, Fully Addressable DNA Tile
Lattices Formed by Hierarchical Assembly
Procedures

Supramolekulare Chemie

R. Robson et al.

Tetraanionic Organoborate Squares
Glued Together by Cations To Generate
Nanotubular Stacks



Heft 5/2006 erscheint
am 23. Januar 2006.