

Highlights

Dedifferenzierung

A. Giannis und C. Gey

Kleine Moleküle, große Pläne – können niedermolekulare Verbindungen die menschliche Regeneration steuern?

Kurzaufsätze

Lösungsmittelfreie Reaktionen

D. Braga und F. Grepioni

1 Reaktionen zwischen und in Molekulkristallen

Aufsätze

Immunologie

R. Tampé und S. Beismann-Driemeyer

2 Funktion der Antigen-Transportmaschinerie TAP im zellulären Immunsystem

Zuschriften

Metallische Nanostrukturen

C. Mao und Z. Deng

3 Molecular Lithography with DNA Nanostructures
(Titelbild)

Nanostrukturen

I. Koltover et al.

4 Genetic Engineering of the Nanoscale Structure in Polyelectrolyte-Lipid Self-Assembled Systems

Alken-Hydrazinierung

E. M. Carreira und J. Waser

Catalytic Hydrohydrazination of a Wide Range of Alkenes with a Simple Mn Complex

Asymmetrische Katalyse

M. T. Reetz et al.

Directed Evolution as a Method To Create Enantioselective Cyclohexanone Monooxygenases for Catalysis in Baeyer-Villiger Reactions

Enzymatische Oxidation

G. Strukul et al.

Microencapsulated Chloroperoxidase as a Recyclable Catalyst for the Enantioselective Oxidation of Sulfides with Hydrogen Peroxide

Phosphorradikale

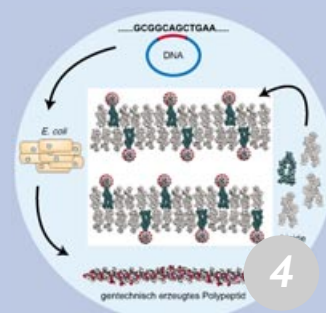
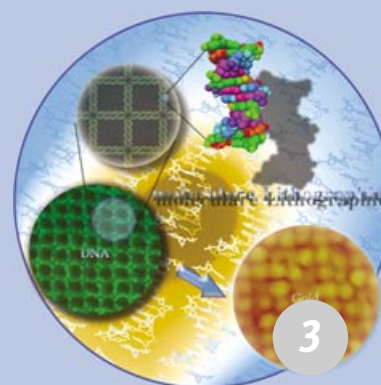
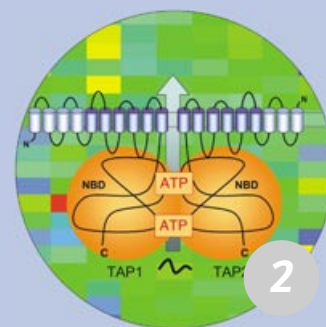
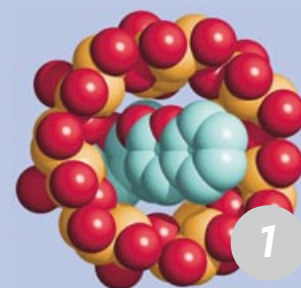
H. Grützmaier et al.

„Naked“ Phosphanediide Chains and their Fragmentation into Diphosphene Radical Anions

Proteomik

S.-I. Nishimura et al.

Post-Translational Modifications on Proteins: Facile and Efficient Procedure for the Identification of O-Glycosylation Sites by MALDI-LIFT-TOF/TOF Mass Spectrometry



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